

HENSHAW'S

THE MAD WORLD OF CB

1970



Store hours 9:30 a.m. to 6:00 p.m. including Saturday

FREE PARKING IN REAR AT ALL STORES

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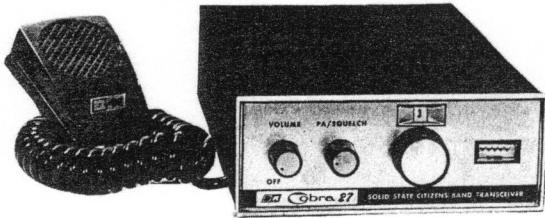
**1049 MINN. AVE.
FA 1-7575
KANS. CITY, KANS.**

**123 SOUTH MAIN
CL 4-7575
INDEP., MO.**

Free Bonus on Page 23

B&K

Cobra 27 by **B&K**



FREE BONUS E

Announcing the all new Cobra 27 features 23 channel performance with no extras to buy. All solid state construction including antenna switching. Illuminated S and RF output meter. Maximum allowable 5 watt input power. Exclusive Dyna-Boost speech compression circuit for 100% modulation. Outstanding selectivity and sensitivity. Greatest "Talk Power". Miniature size, beautiful cabinet. Automatic noise limiting, reduced ignition interference. Adjustable squelch control. Rugged ceramic microphone. These PLUS features found only in more expensive equipment: Ceramic I.F. Filter. P.A. System. External Speaker Jacks.

COBRA 27...Shpg. Wt: 7 lbs. **179.95**
Same as above except without ceramic I.F. Filter, P.A. System or External Speaker Jack.

**NEW B&K COBRA 98
DELUXE 23-CHANNEL
CITIZENS BAND 2-WAY RADIO**



**FREE
CHOOSE FROM EITHER
BONUS**

B OR F

The new Cobra 98 has a deluxe 23-Channel Citizens Band 2-Way Radio for superior performance and lasting dependability. Includes built-in SWR bridge and Power output metering. RECEIVER: Double conversion superheterodyne circuit with 23 crystal-controlled channels. Fine tuning control covers plus or minus 3 kHz of each channels center frequency. Includes adjustable squelch control, automatic noise limiting, full AVC, standby switch, illuminated meter, and P.A. I.F. FREQUENCIES: 7.5 MHz and 475 KHz. NOISE LIMITER: Series type. AUDIO OUTPUT: 2.5 watts. RECEIVER SENSITIVITY: 0.5 uv for 10 db, S + N. PRIMARY IMAGE REJECTION: 50 db minimum. SELECTIVITY: 3 KHz @ 6 db. TRANSMITTER: High-level, amplitude modulated with 23 crystal-controlled channels. POWER INPUT: 5 Watts in final. POWER OUTPUT: 3 Watts nominal. MODULATION: 100% capability. OUTPUT IMPEDANCE: 30 to 75 ohms, adjustable. FREQUENCY STABILITY: Plus or minus .005%. POWER CONSUMPTION: 117 VAC Standby 0.32 amps. Receive 0.92 amps. Transmit 1.02 amps. 12.6 VDC, Standby 3.2 amps, Receive 5.8 amps, Transmit 6.6 amps. CONTROLS: Off-On/Volume; Squelch/Standby; Receiver Tuning; Channel Selector; PA/Receive Selector; Meter Function Selector; Set-Calibrate Controls; and Dyna-Boost Off-On Switch. Weight: 16 lbs. **239.95**

**B&K CAM 88
23 CHANNEL
CB TRANSCEIVER**



FREE CHOOSE FROM EITHER BONUS

B OR F

Exclusive Dyna-Boost Speech Compression Circuit for extended range. Full 5 watts input. Double conversion superhet receiver. Transistorized 117 VAC/12VDC power supply. Maximum Talk power and modulation. Delta-tune fine tuning. Squelch control and standby switch. Illuminated S and RF output meter. Signal-in (Receive) and power-out (Transmit). Modulation indicator. Plug-in microphone, also usable as public address amplifier. Exclusive Dyna-Boost Circuit with speech compression substantially increases talk-power and dynamic range for a wide variety of voice characteristics. Puts the power in the sidebands where it does the most good. Provides maximum modulation at all times, even for a soft woman's voice. Available from front panel switch as needed. 23-channel integral crystal synthesizer complete with 10 crystals provides immediate operation on all 23 CB channels. Double Conversion superheterodyne receiver provides two separate I.F. frequencies and two stages of I.F. amplification, effectively rejects adjacent channel images and other types of interference assures extra sensitivity and greater selectivity. Illuminated Dual-purpose Meter "S" meter measures strength of incoming signals on receive. Relative "Power Output" meter measures power-out on transmit.

Delta-Tone Control on front panel for fine tuning, with range of plus or minus 3 kc. Transistorized Universal AC-DC power supply operation on both 117 volts AC and 12 Volts DC. Both power cables are provided. (Note: 6 volts DC not available). Modulation indicator on front panel shows that your transmitter is actually transmitting and that your voice is modulating properly. Adjustable squelch control eliminates background noise and residual ignition noise; unit is silent when no signal is being received. Squelch also acts as a fully automated "on-off" switch that silences your unit until signal of sufficient strength comes in on your channel. Standby switch maintains heaters of tubes "on" while B + power is cut. This cuts down battery drain. Audio Volume Control operates both for CB reception and for public address use. Slide switch converts unit to 3 watt public address system, using auxiliary speaker. Plug-in Four-prong microphone with easy push-to-talk bar switch and coiled cord. Assures clearer, clearer voice transmission. Ceramic element impervious to heat and humidity. Has 4 prong plug-in connector, for convenient operation or for replacement. Mounting clip included. Size: 5 1/2" high, 13 5/16" wide, 7 9/16" deep. Shpg. Wt. 17 lbs. **219.95**

**B&K COBRA V
SOLID STATE CB MOBILE
TRANSCEIVER**



FREE CHOOSE FROM EITHER BONUS

A OR D

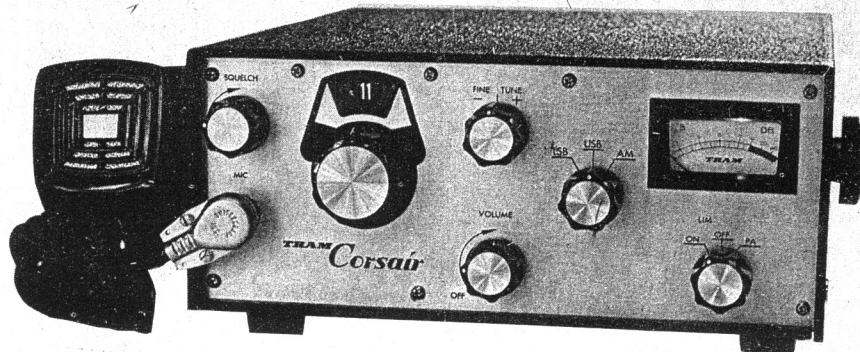
It took B & K Electronic know-how to produce a CB mobile unit to challenge the power and performance of units costing much more, even twice as much. It took B & K pioneering experience and innovation, proven with the world-famous Cobra CAM 88, to create the Cobra V tested and proven in cities, towns, farms, fleets and business, in situations and under conditions when total dependability is a must. The Cobra V is all silicon solid state offering greater reliability. Even the transmit/receive switching is done electronically automatically; dependably with solid state circuitry. No mechanical relays. B & K built reliability, ruggedness and flexibility into an attractive, compact case, built in features that increase performance, sensitivity and range. The Cobra V is equipped with exclusive Dyna-Boost, the built-in speech compression circuit, proven in the world-famous Cobra CAM 88. Dyna-Boost means increased range plus reserve power when you need it. Famous Cobra performance, outstanding sensitivity, better than .5 microvolts for 10 db signal to noise ratio. Clearer reception through advanced design transistorized voltage filtering. Dramatic talk-test prove big difference in talk-ability. Shpg. Wt. 8 lbs. **99.95**

COBRA V **29.95**
PAC 5 110 VOLT POWER SUPPLY.....

TRAM'S Corsair

MOBILE SIDEBAND

PLUS A.M.



Get set for the sound of the future! Corsair-Tram's all new solid-state sideband-plus rig for cars, boats, aircraft. Tram's Corsair works beautifully with any unit; standard AM single or double sideband, reduced or suppressed carrier. Corsair is two transceivers in one-with crystal-controlled AM capability; greater range; less sensitivity to noise and skip signals. A built-in Collins Mechanical Filter cuts interference and gives maximum selectivity. Corsair's noise blanker and noise limiter reduce ignition interference to a new low. Get ready for the big move to mobile sideband Corsair.

TRANSMITTER

- 23 channel full carrier AM plus double sideband - suppressed carrier transmitting for full AM-DSB-SSB compatibility.
- Built in public address function.
- Keyed audio compression to maintain full modulation.

RECEIVER

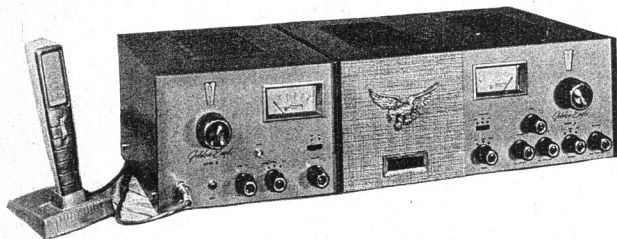
- Crystal controlled, 23 channel standard AM plus single-side band reception using full 23 individual crystals.
- Single-sideband fine tuning.
- Noise blanker plus noise limiter.
- 4 x 6" speaker built-in plus external speaker jack.
- Built in Collins Mechanical Filter contributes to outstanding adjacent channel rejection.

GENERAL

- 35 transistors, 17 diodes, & 1 integrated circuit.
- 2 fibre glass epoxy printed circuit boards.
- Heavy duty aluminum chassis construction.
- Universal mobile mounting bracket.
- Corsair draws a maximum of 1.5 amps while transmitting and 300 milli amps while receiving.
- Size: 4" x 9" x 8".

TRAM CORSAIR.....**415.00**

BROWNING GOLDEN EAGLE MARK II



The new Golden Eagle Mark II is the world's finest citizen band base station. The Golden Eagle Mark II R-69 receiver covers 23 citizen band channels, 13 business band channels, and industrial as well as government frequencies. No other CB receiver has such broad coverage. This receiver also has a Beat Frequency Oscillator and product detector for reception of all types of side band signals. A license holder can use this most advanced receiver with either a Citizens Band or Business Band transmitter. THE GOLDEN EAGLE MARK II RECEIVER FEATURES: New Double Conversion Circuitry. New RF-IF Gain Control. New B.F.O. and product detector for SB reception. New On-Air Light. Collins Mechanical Filter gives 80 db adjacent channel rejection. Fine Tuning Control for use of AM and SB. 3 Position slide switch controls speaker output. 14 Tuned Circuits including 8 permeability tuned transformer circuits. A.G.C. On-Off Switch. Noise limiter On-Off Switch. Large Jeweled movement S meter. Cascode nivistor front-end. Channel Lock for fixed tuned receiving. Tuning dial covers 23 CB plus 5 B.B. Frequencies on one scale 26.965 to 27.275 mHz. Second scale covers 8 B.B. plus Industrial and Government Frequencies 27.360 to 27.760 mHz. THE GOLDEN EAGLE MARK II TRANSMITTER FEATURES: New Antenna Changeover Switch. Aircraft type miniature plug in crystals and switch assembly. Large horizontal meter reads modulation, forward and reflected power. 4 Watt paging system with independent front panel volume control. Clipper filter for higher average percent modulation without splatter. Transmitter Dimensions: 7-1/8" H x 8-7/8" W x 9-3/4" D. Receiver Dimensions: 7-1/8" H x 15 1/2" W x 9-3/4" D. Total Shipping Weight: 43 pounds.

GOLDEN EAGLE MARK II**465.00**
TRADE-INS ACCEPTED

BROWNING EAGLETTE II



The new Eaglette "2", is the finest mobile unit on the market today. Smart styling and quality workmanship combine to please the most discriminating owner. A volume control is now provided for the P.A. system. A plug-in microphone is standard, as a utility outlet for a tone alert calling system. Crystals for 23 channel operation. 3.25 Watts Public Address with separate speaker jack. All silicon transistors. 20 Transistors—14 Diodes. Glass fibre circuit board.

RECEIVER SPECIFICATIONS: Sensitivity 0.35 uV 10 DB N @40% Modulation. Selectivity—56DB Adjacent Channel Rejection. Image rejection—Major image 55DB. Squelch minimum sensitivity 0.25 uV. Noise Limiter—Series gate approximately 65% clipping level. Audio Output—3.0 Watts. Completely vibration tested. TRANSMITTER SPECIFICATIONS: Power Output 3 1/2 W. @ 13.8 Volts. Modulation—85% minimum guaranteed sine wave, 100% average speech. High impedance ceramic microphone. Size: 2.6" H x 6.9" W x 8.4" D. Shipping Weight: 8 pounds.

EAGLETTE II**204.50**
WE HONOR BANKAMERICARD, BANKMARK AND VALLEY NATIONAL

COURIER

COURIER ROYALE CB



WITH FREE BONUS B C or G

23-CHANNELS, crystal controlled. All crystals are included, both receive and transmit. Nothing extra to buy. BAND SPREAD, separate crowded channels or zero in on those that are slightly "off". STANDBY, puts your Royale into a "state of readiness" to operate or listen in. VARIABLE NOISE LIMITER, "limits noise peaks of incoming signal. Making it clearer to hear. BASE OR MOBILE OPERATION, versatility, plus! Use your Royale anywhere, for the best in communication, when you need it most! CERAMIC FILTER, for razor-sharp selectivity. Serves to trim away excess signals until your selectivity is "razor-sharp"! TRIPLE DUTY METER, reads relative RF power output. Reads incoming signals strength and also indicates your percentage of modulation! TRANSMIT AND RECEIVE INDICATORS, no more operation in the dark. You'll always know whether your Royale is receiving or transmitting. NOISE-CANCELING MICROPHONE, makes your voice more intelligible by eliminating background noise. P.A. OPERATION, Operate your Royale as a public address system. Plug in an external remote-speaker, switch to P.A. and speak!

SENSITIVITY CONTROL, tune in on the weakest or strongest incoming signal without distortion or overloading. TUNE CONTROL, adjust tone to your liking. Variable from treble to base without affecting volume. RANGE EXPANDER, changes the character of your signal so it can be heard at greater distances. CABINET: Heavy gauge anodized aluminum. FRONT PANEL: Heavy gauge aluminum. CHASSIS: Heavy duty cadmium plated. CONTROLS & INDICATORS: All operating controls and indicators are mounted on front panel. Adjustments are located on rear of cabinet. Channel selector, sensitivity with, range expand noise limiter, squelch, standby, tone volume, Band spread PA-CB switch X & R indicator lights. Adjustments located on back panel are: Loading, plate, S-meter zero set.

POWER: Operates from 117 VAC 50/60 cycles and 12 VDC. Transistorized power supply on 12 VDC operates with NEGATIVE GROUND VEHICLES ONLY. Can be used for positive grounded vehicles by simple change. Power consumption is 70 watts @ 117 VAC; 5 amp @ 12 VDC. Two separate plug-in cords are provided: one for 117 VAC, supply. MICROPHONE: Ceramic noise-cancelling type with hang-up clip, connector and retractable cord. Shpg. Wt. 18 lbs. ROYALE..... **299.00**

COURIER 23 PLUS

23 CHANNEL TRANSCEIVER



FREE CHOOSE FROM EITHER BONUS B or E

RECEIVER: Sensitivity--15 uv for 10 db S+N at 30% modulation. Selectivity--Better than 3 KHz Q 6 db down. Squelch--Adjustable, will awaken for carrier of +1 uv. Noise Limiter--Automatic floating series; operates on all peaks. IF Frequency--6 MHz & 455 KHz. Direct Image--Better than 60 db. Audio Output--At least 3.5 watts into 4" weather-proof speaker. Frequency Range--26.965 to 27.255 MHz. TRANSMITTER: Power Input--5 watts. Power Output--At least 3.5 watts Modulation--AM--100%. Emission--8A3. Hum & Noise--At least 40 db down. Harmonic Suppression Better than 55 db down. Antenna Match--.005%. CHANNELS: 23--ALL Crystals supplied. POWER CONSUMPTION: AC--110V 70 watts. DC--12V 5 amps. Illuminated S-RF Meter. Modulation Indicator. 100% Modulation, AC and DC Power supply & cords. Automatic Volume controls. .15 uv Sensitivity. Pi-Network, 3.5 watt audio output. No crystals to plug in. Rugged Chrome Steel cabinet, floating gate squelch circuit. Mobile mounting brackets. Amphenol connectors. Full 3.5 watt RF output. Automatic noise limiter. Shpg. Wt. 18 lbs. TWENTY THREE PLUS..... **229.00**

COURIER 23



FREE CHOOSE FROM EITHER BONUS B or E

RECEIVER: Sensitivity--25 mv for 10 db S+N at 30% modulation. Selectivity--3 kc @ 6 db down. Squelch--Adjustable, will awaken for carrier of +.25 uv. Noise Limiter--Automatic floating series; operated on all peaks. IF Frequency 6 mc & 455 kc. Direct Image--Better than 60 db. Audio Output--At least 3.5 watts into 4" weatherproof speaker. TRANSMITTER: Power Input--5 watts. Power Output--At least 3 watts. Modulation--AM--100%. Emission--8A3. Hum & Noise--At least 40 db down. Harmonic Supp--Better than 55 db down. Antenna Match--from 30 to 100 ohms, (pi network). POWER CONSUMPTION: AC--110V 70 watts. DC--12V 5 amps. 18 Tube Performance. S-RF Meter (Fully Illuminated). 100% Modulation. 110 VAC power supply & cord. Automatic volume control. .25 uv Sensitivity. Pi-Network. 3.5 watt audio output. Mobile mounting brackets, Amphenol Connectors. Full 5 watt input, automatic noise limiter. No crystals to plug in (Set is Complete). Rugged Chrome/Steel cabinet. Floating gate squelch control. Shpg. Wt. 18 lbs. TWENTY THREE..... **199.00**

COURIER CLASSIC



BONUS E

Top operating performance, extreme compactness and low price make the Courier Classic unit an outstanding value. Requiring only a trickle of current from your battery, Courier TR units operate cooler, give reliable service over longer periods and at less cost. INSTANT OPERATION: No warm-up! Your Courier TR unit is ready to receive or transmit whenever you are, whenever you are ready. MINIMAL BATTERY DRAIN: Your Courier TR draws only 0.2 amperes less than a pilot light! HIGHEST DEPENDABILITY: Rugged components, top line transistors and space-age printed circuitry assure lengthy and reliable duty life. EXCLUSIVE "SAFETY-CIRCUIT": All Courier TR units are equipped with the exclusive "safety-circuit" which guards against antenna mis-match, incorrect polarity, and overload. 23 CHANNELS: single knob tuning. FULL TALK POWER: Transmitter designed to help pierce "skip". BUILT-IN P/A SYSTEM: exclusive volume control. NOISE LIMITER: adjustable push/pull. HEAVY DUTY MICROPHONE CONNECTOR: conveniently located on front panel. CHROME/BLACK FRONT PANEL: attractive modern styling. CHANNEL SELECTOR: fully illuminated, easy to read. SILICON TRANSISTORS: for high performance across the temperature range. AUXILIARY SPEAKER/PHONE JACK. S METER: fully illuminated. BIFURCATED RELAY: custom designed for optimum performance. MODULATION LIGHT: for positive output indication. EXCLUSIVE CABINET: designed to provide audio with high fidelity brass reflex. TRANSMITTER: Frequency Range: 26.965 Mc to 27.255 Mc. Power-input @12.0VDC: 5W. Power-output: 3.2W min. Modulation @ 5mv at microphone: 100% with automatic modulation limiter. Emission: 8A3 (class "D" operation). Hum and Noise: 40 db down from 100% modulation. Frequency Tolerance: Plus or minus .005%. Antenna Match: 50 ohms. Switching: enclosed relay. Modulation Distortion: Less than 15% @ 85% modulation @ 1000 cps. Size: 6 1/2" Width, 8 1/2" Depth, 2 1/2" Height. Weight: 4 1/2 lbs. COURIER CLASSIC..... **199.00**

FEATURES: 23 CHANNELS, single knob tuning. TRANSMITTER SILICON TRANSISTORS manufactured to a higher peak voltage. REALLY COMPACT: Weighs 3 1/2 lbs. EPOXY FIBER GLASS PRINTED CIRCUIT BOARD. ZENER DIODE PROTECTION: AUXILIARY SPEAKER/JACK. ELECTRONIC SWITCHING, no relay. 100% MODULATION. TRANSMIT INDICATOR. CHROME CABINET. EXCLUSIVE SIGNAL LIGHT, measures incoming signals and lights up brilliantly when S-6 signal (or better) is received. EASY TO SEE, helps keep your eyes on the road. TRUE AUTOMATIC IF NOISE BLANKER, effectively reduces ignition noise from strong incoming signals.

BUILT-IN NOISE LIMITER, effectively reduces ignition noise during reception of weak signals. DIMENSIONS, only 5 1/2" wide, 6 1/2" deep, and 1 7/8" high. Unit is shipped with noise-cancelling microphone, crystals for all 23 channels. 12 volt line cord and mobile mounting bracket. Shpg. Wt. 7 lbs. TRAVELLER..... **159.00**

COURIER TRAVELLER



BONUS D

TRADE-INS ACCEPTED

WE HONOR BANKMARK, BANKAMERICARD AND VALLEY NATIONAL

**JOHNSON
MESSENGER 223**



WITH FREE BONUS B or F

Brought to you by the same engineering team that designed the famous Messengers "I" and "II", the Messenger 223 has the same rugged circuitry and even greater "Talk Power" capability. With at least 15 db more audio gain than the "I" and "II", the "223" punches out a clear, penetrating signal. As with all Johnson radios, your signal will stand out when compared with all others.

Designed for base station use, the "223" is built to deliver the reliable day-in, day-out performance that can only be offered by Johnson's engineering superiority. FCC Type Accepted and DOT Approved, the Messenger 223 combines tubes with a solid state frequency synthesizer to give unmatched performance at a reasonable price. Frequency range: 26.965-27.255 MHz. Channels: 23. Circuitry: 10 electron tubes, 8 diodes, 6 transistors. Sensitivity: 11 dB (S+N)/N ratio with 0.5 microvolts (30% modulated 1000 Hz). Selectivity: 7kHz bandwidth at -60 dB. Frequency Control: plus or minus .005% crystal from -30° C to +50° C. RF Power Output: 4 watts max. Audio Input Impedance: High impedance. Modulation: High level, AM class AB1 modulator, audio peak clipping and audio filtering. Size: 5-9/16" high x 11" wide x 9-1/16" deep. Wt. 12 pounds.

Messenger 223 With Mike.....

224.95

JOHNSON MESSENGER 323



**23 CHANNELS AND CRYSTAL FILTER
FOR INTERFERENCE-FREE OPERATION**

WITH FREE BONUS B or F

Here's the finest CB transceiver you can buy at a price that makes sense. The Messenger 323 embodies all of the famous Johnson features, performance and reliability into a superior CB unit. A precision crystal filter in the receiver delivers up to 100 times more rejection of adjacent channel interference than other units. Built-in speech compression provides more audio for greater range without distortion or splatter. For even greater convenience there's a combination "S" meter/power meter, built-in PA system, provisions for Tone Alert selective calling and optional base station and portable power supplies. The Messenger 323 is furnished with a universal mobile mounting bracket to permit installation in any convenient place. After the initial installation, the "323" can be removed in seconds for base or portable use. Instantly convert your Messenger 323 into a full-power hand carried portable unit. The rechargeable Power Pack furnishes power for up to 8 hours of operation. It makes an attractive base station with its accessory AC power supply. Power supplies are available with or without the built-in Tone Alert selective calling system. Frequency range: 26.965-27.255 MHz. 23 channels. 23 transistors, 15 diodes and 3 thermistors. Sensitivity: Typical 0.4 uV at antenna terminals (30% modulated at 1000 Hz) for 10 db S/N ratio. Selectivity: 7 kHz bandwidth at 6 db 19 kHz bandwidth at 60 db (nominal). Frequency control: plus or minus .005% crystal from -30°C to +60°C. Audio output power: 3 watts or more with 1 uV input for 10% distortion. Squelch range: Typical 0.3 to 20 uV. Squelch sensitivity: 1 db or less signal change for 40 db of quieting at 1 uV. Noise limiting: Series-type, automatic threshold adjustment and IF clipping. Circuitry: Double conversion superheterodyne. Frequency control: plus or minus .005% crystal from -30°C to +60°C. R. F. power input: 5 watts at 13.8 volts DC. R. F. power output: Typical 3.5 watts of 13.8 volts DC. Output impedance: 50 ohms nominal. Modulation: High level AM, Class B modulator, speech compression, clipping and audio filtering. Size 2 1/2" x 8" x 9 1/2". Weight: 6 lbs.

239.95

**JOHNSON
MESSENGER III**



WITH FREE BONUS

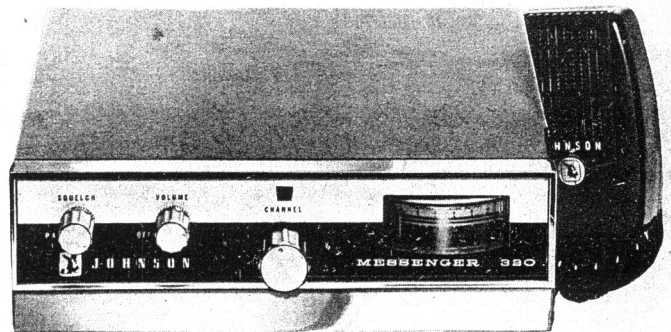
A B or E

Get more power output and more exacting performance than offered by any other CB transceiver in use today! Receiver sensitivity and selectivity in the Messenger III. Double conversion receiver provides excellent spurious and image rejection. Multi-stage automatic noise limiting circuit, the "noise immune squelch" and circuit and RF and audio filtering in the power leads all combine to make the Messenger III whisper-quiet in its operation. All solid-state construction. Eleven crystal controlled channels for increased operating ease, connect an external speaker to the Messenger III and use it as a full 3-watt public address system. Ideal for any out-of-doors application. For base stations mount the Messenger III on the self contained 117 volt AC accessory power supply, plug it in, connect the antenna, and you're ready to go! For mobile, power consumption and compact size make the Messenger III ideal as a mobile transceiver. For portable stations, the accessory Power Pack gives you a full 5-watt unit for hand carried field operations. Rechargeable nickel-cadmium batteries assure full power and repeated use. 2-3/16" high, 6-3/16" wide and 8-3/4" deep, comes complete with microphone and crystals for one channel. Wt: 9 pounds.

Messenger III 12 Volts **159.95**
239-125 116 Volts AC power supply for the Messenger III.....\$32.95
23-1648-1 Mounting Bracket for the Messenger III..... 2.50

TRADE-INS ACCEPTED

**JOHNSON
MESSENGER 320**



WITH FREE BONUS B or F

The Messenger 320 is truly a superior CB unit combining famous Johnson performance and reliability with 23 channel versatility. The super sensitive receiver lets you hear more stations... more clearly... than any other 23-channel radio. Built-in speech compression provides more audio for greater range without distortion or splatter. For even greater convenience there's a combination "S" meter/power meter and built-in PA system. Optional base station or portable power pack attaches in seconds for complete flexibility of operation. Base, mobile or portable operation. Solid state throughout-23 transistors, 15 diodes. Superior performance-rugged construction. The Messenger 320 is furnished with a universal mobile mounting bracket to permit installation in any convenient place. After the initial installation, the 320 can be removed in seconds for base or portable use. Frequency range: 26.965-27.255 MHz. Microphone: High capacity (low impedance) ceramic element. Cylolac case. Push-to-talk switch, hang-up stud. Circuitry: 23 transistors, 15 diodes and 3 thermistors. Sensitivity: 10 db (S+N)/N ratio with 0.5 uV at antenna terminals (30% modulated 1000 Hz). Selectivity: 6kHz bandwidth at -6 db. Frequency control: .005% crystal from -30°C to +60°C. Spurious rejection: 50 db. Audio output power: 3 watts at 10% distortion for 1 microwatt input. Squelch range: 0.3 to 15 uV. Squelch sensitivity: 1 db or less signal change for 40 db of quieting at 1 uV. Noise limiting: Series-type automatic threshold adjustment and IF clipping. Circuitry: Double conversion superheterodyne. R. F. power input: 5 watts at 13.8 volts DC. R. F. power output: 3.5 watts at 13.8 volts DC. Output impedance: 50 ohms. Modulation: High level AM, Class B modulator, speech compression, clipping and audio filtering. Size 2 1/2" x 8" x 9 1/2". Weight: 5 lbs.

Messenger 320 **199.95**

WE HONOR BANKAMERICARD, BANKMARK AND VALLEY NATIONAL

JOHNSON

JOHNSON 123



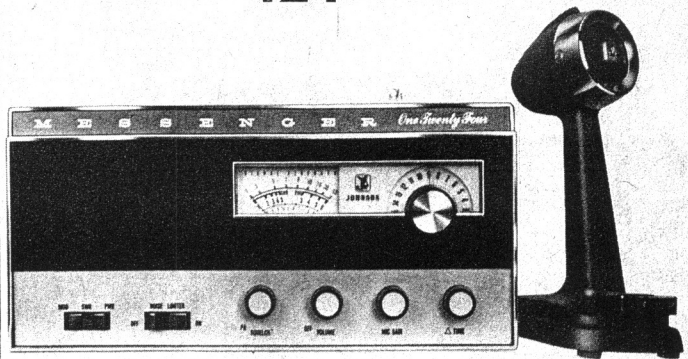
- Most accurate and reliable 23-Channel Frequency synthesizer in the industry
- Illuminated "S" meter/relative output meter
- Temperature compensated from -20° to +140°F
- Speech Compression for Greater Range

FREE BONUS 

The Messenger 123 is solid state throughout and features 23 channels, speech compression, temperature compensation, plus all of the famous Johnson reliability. Ideal for either base or mobile use. Messenger 123's built-in noise limiter effectively reduces ignition and other types of noise to let you bring in those weak stations with greater readability. Shpg. Wt. 8 lbs.

MESSENGER 123..... **179.95**

JOHNSON 124



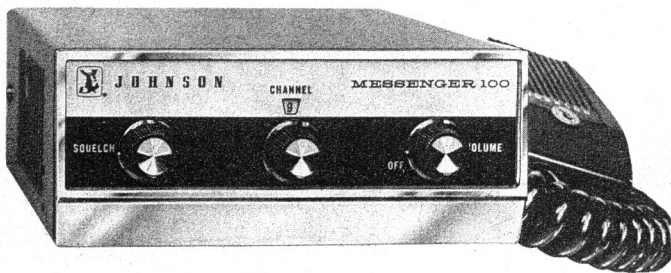
FREE BONUS 

1. ± 3 kHz Delta fine tuning.
2. Adjustable microphone gain with modulation adjustment to 100%.
3. 2 1/2" four-way professional meter, measures SWR, output, % modulation and receive.

All the accumulated knowledge of the world's largest, most experienced manufacturer of citizens and industrial two-way radio was focused in the design of this the most sophisticated of all Johnson 27 MHz base stations. To the advanced CB operator, the Messenger 124 means complete mastery of the equipment, a degree of control and measurement that permits full utilization for the first time of all the enormous power, hairline selectivity, sensitivity and noise suppression of which the famous Johnson circuitry is capable. To the business user, the Messenger 124 delivers far greater talk power that means priceless extra range and operating efficiency. Whatever your particular requirement, the 124 offers an entirely new experience in base station performance. Shipping Wt.: 16 lbs.

MESSENGER 124... Less Mike..... **289.95**

JOHNSON 100



WITH FREE BONUS
 or 

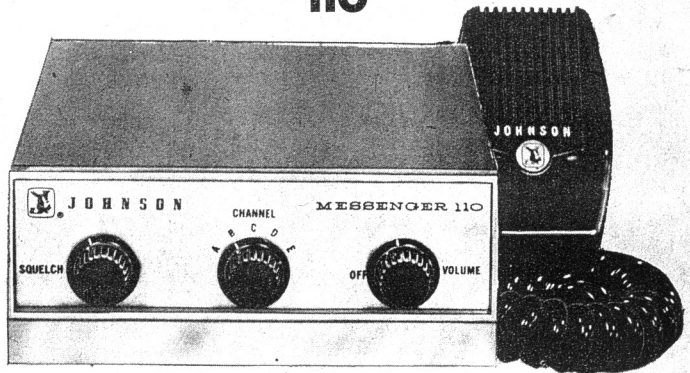
The all transistorized Messenger 100 is one of the best buys on the CB market today! Rugged transistorized construction provides the maximum in performance and reliability, and the minimum in current drain. As compact as it is versatile, the Messenger 100 mounts snugly in most any vehicle yet can be removed in seconds and converted into a full-power hand-carried unit for portable operation with the rechargeable Power Pack. Optional AC power supply makes the "100" ideal as a base station too. The six-channel Messenger 100 also comes with built in 3-watt public address amplifier, all it requires is an external speaker. Excellent receiver selectivity and sensitivity. Variable squelch control allow receive threshold to be adjusted to meet a variety of noise conditions. Automatic volume keeps receiver output nearly constant regardless of incoming signal strength. Finger-tip selection of six different transmit-receive channels. Three watt P.A. system. Speech compression circuit in transmitter provides more audio and prevents distortion. Full performance from -22° to +140°F. Provision plug-in Tone-Alert. Size: 2 1/2" high, 6 3/16" wide and 8 3/4" deep. Furnished complete with microphone and crystals for channel 9. Shpg. Wt. 10 lbs.



MESSENGER "100" 12 Volts..... **129.95**

TRADE-INS ACCEPTED

4

JOHNSON 110



FREE CHOOSE FROM BONUS
 or 

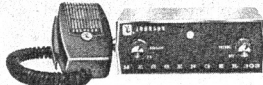
The Messenger 110 is solid state throughout and features five channels, speech compression, temperature compensation, plus all of the famous Johnson reliability. Messenger 110's built-in noise limiter effectively reduces ignition and other types of noise to let you bring in those weak stations with greater readability. Use it base, mobile or portable, 5 channels, highly sensitive receiver. Frequency range: 26.965-27.255 MHz; Microphone: High capacity (low impedance) ceramic element. Cyolac case. Push-to-talk switch, hang up stud. Circuitry: 14 transistors, 7 diodes and a thermistor. Sensitivity: Typically 10 dB S+N/N ratio with 0.5 microvolts (30% modulation at 1000 Hz). Selectivity: 6kHz bandwidth at 6 dB (nominal). Frequency control +.005% crystal from -30°C to +60°C. Spurious rejection: Greater than 45 dB except image of 20 dB typical. Antenna impedance: 50 ohms nominal. Audio output: 3 watts minimum at 10% distortion for 5 microvolts input. Squelch range: Typical 0.3 to 30 uV. Squelch sensitivity: 1 dB or less signal change for 40 dB off quieting at 1 uV. Noise limiting: Series-type, automatic threshold adjustment and IF clipping. Circuitry: All transistor solid state. R. F. power input: 5 watts maximum at 13.8 VDC. R. F. power output: Typical 3.5 watts at 13.8 VDC. Output impedance: 50 ohms nominal. Modulation: High level AM, class B modulator speech compression, clipping and audio filtering. Size: 2 1/2" x 6 3/16" x 8 3/4" Weight: lbs.

Messenger 110..... **109.95**

WE HONOR BANKAMERICARD, BANKMARK AND VALLEY NATIONAL

MESSENGER 303

25 to 50 mc, 5 watts AM



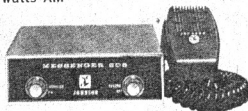
The Messenger 303's unique versatility enables this compact unit to fill a variety of communications applications. The highly sensitive double conversion receiver pulls in weak signals with exceptional clarity. As a mobile unit, the Messenger 303 installs easily in any type of equipment from a forklift to an automobile or truck. The all solid-state transistor construction requires less current than a stop light. To use the Messenger 303 as a base station, simply add the compact AC power supply. For portable use, all you have to do is slip on the Johnson Power Pack and use the Messenger 303 as a full 5-watt hand carried unit.

Messenger 303 comes complete with mounting bracket, mobile power cord, microphone and crystals for assigned frequency. Selective call available.

249.50

MESSENGER 205

25 to 50 mc, 5 watts AM



Here's real economy in a rugged mobile unit. Transistorized construction throughout assures minimum power drain on your battery and 24-hour reliability.

Ideal for use in short and medium range applications, the Messenger 205 can be extended to long range by adding the P/A 85 power amplifier.

The Messenger 205 features a full 5-watt transmitter and a highly sensitive receiver. Built-in public address system requires only an external speaker for operation. Also featured is a plug for the Johnson Tone Alert selective calling system. Unit is furnished complete with mounting bracket, power cord, microphone and crystals for assigned frequency.

165.00

MESSENGER 215

25 to 50 mc, 15 watts AM



A complete self-contained, rugged 15-watt transceiver for base station and mobile use. The Messenger 215 features powerful tube performance for reliability and medium communications range at an economical price.

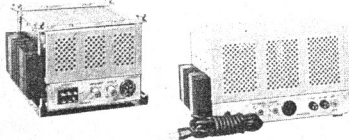
The Messenger 215 can be extended to long-range operation by adding the P/A 85 power amplifier. All Messenger 215's are wired for this optional addition.

The built-in two-way transistor power supply permits interchangeable base station and mobile operation for added flexibility. Selective call available.

205.00

P/A 85 POWER AMPLIFIER

25 to 50 mc, 85 watts AM



The P/A 85 prevents your equipment from becoming obsolete should your communications requirements expand in the future. Stepping up a short or medium range Johnson system to long range can be done simply and economically by adding the P/A 85 power amplifier.

MOBILE **218.00** BASE **252.50**

MESSENGER 106

25 to 50 mc, 1 1/2 watts AM



The best value in a short range business/industrial hand-held transceiver. Messenger 106's 1 1/2-watt transmitter puts out a clean powerful signal. The sensitive receiver assures reliable communications under all conditions.

For man-to-man, man-to-mobile or man-to-base station use, the Messenger 106 solves dozens of problems where flexible, portable communications are required.

124.50

ADAPTA-MOUNT

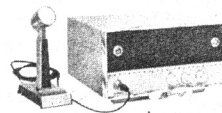
For mounting a whip antenna to a "M-125" mount.

For mounting a whip antenna to a "Perfect 36" mount.

Each Specify type... **3.49**

MESSENGER 600

25 to 50 mc, 85 watts AM

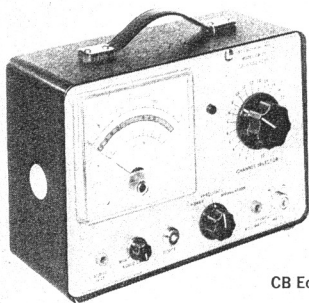


The Messenger 600 easily outperforms other units costing over twice as much. The 85 watt Messenger 600 operates as a base station or a mobile unit and provides sufficient power to easily cover a county-wide area.

The Messenger 600 is ideal where extended coverage is required, yet where purchase and maintenance costs must be minimized.

The Messenger 600 comes complete with microphone, mobile power cord and crystals for assigned frequency.

BASE **620.00**



CB-23

citizen's band analyzer and frequency meter

A comprehensive solid-state instrument for trouble shooting, calibrating and analyzing CB Equipment including both 5 watt and milliwatt talkies.

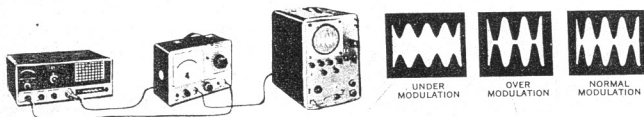
The CB-23 provides all 3 checks necessary to analyze transmitter performance:

1. Checks actual power output.
2. Checks correct frequency.
3. Displays correct modulation.

The best way to check transmitter modulation is to view the RF output of the CB transmitter on an oscilloscope with a bandwidth of 30 mcs. This type of instrument is not normally available in service shops because of its cost (\$1,500.00 or more). The CB-23 permits direct examination of the RF carrier with modulation on any standard narrow band service grade scope. Here's how it works: The 27 mc carrier from the CB transmitter is fed into the CB-23. The CB-23 translates the 27 mc carrier to a lower frequency compatible with a service type scope. This is accomplished linearly so that no distortion results. An audio tone generator drives a loudspeaker contained in the CB-23 to provide sine wave modulation. This audio tone from the loudspeaker is used to drive the CB Transmitter mike. The action of the transmitter can then be observed on the scope with steady audio modulation. An additional output is available on the CB-23 to provide scope sync for greatest stability of display. Only one (antenna cable) connection from CB unit to CB-23 analyzer is required.

- The CB-23
- Measures frequency of all 23 citizens band channels to an accuracy of .0015%.
- Tells frequency readout on meter in cycles per second difference.
- Reads RMS power into 50 ohm load. Meter calibrated 0-5 watts.
- Provides input for frequency check of milliwatt walkie-talkie units.
- Has scope jack for connection of external oscilloscope (not supplied) for display of RF carrier with modulation. Permits instant diagnosis of transmitter troubles and modulation problems. (Oscilloscope can be any service grade instrument with as little as 1 mc. bandwidth.)
- Provides audio tone with loudspeaker output for driving transmitter mike directly. Simplifies and speeds modulation checks.
- Signal output can be used as a steady carrier of correct frequency for CB receiver trouble-shooting.
- Size 10 1/2" x 7" x 4".
- Weight 7 1/2 lbs.

Easy to use with any standard oscilloscope



- A. Connect lead from Xmitter to CB-23 for all power and frequency checks
- B. Connect lead from oscilloscope for modulation checks
- C. Place Xmitter mike up against loudspeaker of audio tone generator

CB-23... **289.95**

TRADE-INS ACCEPTED

MESSENGER I CB TRANSCEIVER



BONUS **A** or **D**
JOHNSON

This is the original Messenger I, the one that helped Johnson earn its reputation as the most reliable name in communications. The Messenger I is a self-contained, 10 tube, crystal controlled transceiver with instant selection of five different operating channels. Known for its penetrating signal and faithful voice of reproduction, the Messenger I gives you solid performance in a modestly priced unit. It is constructed of rugged top quality components, throughout increasing reliability and lengthening equipment life. A super-heterodyne receiver offers excellent sensitivity and selectivity for maximum communications range. On switch controls channel selection for transmitter and receiver. Variable squelch control silences receiver during standby periods. Automatic noise limiter suppresses electrical and ignition interference. Automatic transmit indicator also indicate modulation. Can be used with Johnson Tone Alert. Housed in a heavy-gauge steel cabinet 5-5/8" high, 7" wide and 11-3/8" deep. Furnished with microphone and crystals for channel 9. Shipping Weight: 15 pounds.

124.95

- MESSENGER I.....12 Volts DC & AC.....
- 23-1657 Negative ground power cord for the Messenger I.....4.95
- 23-1658 Positive ground power cord for the Messenger I.....4.95

WE HONOR BANKMARK, BANKAMERICARD AND VALLEY NATIONAL

LAFAYETTE

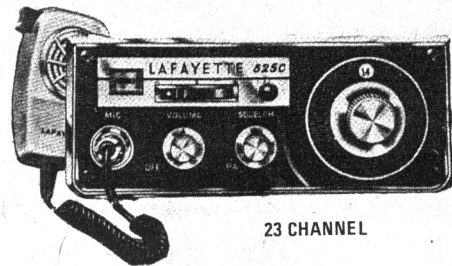
LAFAYETTE HB-625C SOLID STATE 2-WAY RADIO



Super quiet 3 stage RF noise silencer utilizes a revolutionary 10 transistor 8 diode integrated circuit to achieve 12 transistor overall performance. The RF noise silencer employs a receiver circuit to actually silence the receiver for the brief duration of each noise impulse, eliminates it before it even reaches the audio stages! You get spectacular reduction of ignition noise without distortion, audible holes or volume reduction. Even really weak signals become perfectly readable under the most severe noise conditions. Just listen and you'll know what really quiet reception is. SHPG. WT. 7 lbs.

HB-625C (99T3148WX)..... **189.95**

LAFAYETTE 525 MOBILE SOLID STATE

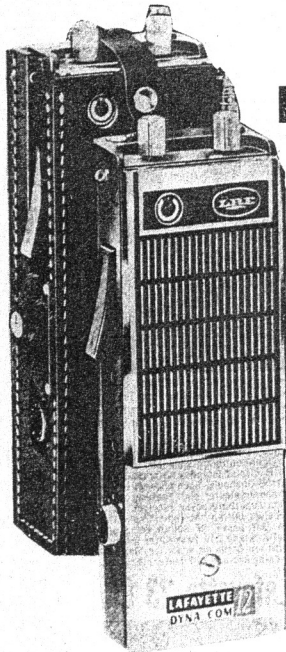


23 CHANNEL

The HB-525C has 23 transistors including integrated circuitry. 9 diodes, 1 thermistor. Dual conversion for high selectivity. 3 position crystal delta tune. Transmit mode indicator light. Pi-Network for Optimum RF output. Mechanical 455 KC filter. Automatic S/PRF illuminated meter. Range boost circuitry for added talk power. Variable squelch plus series gate automatic noise limiting. P.A. amplifier with external speaker. Auxiliary, audio input jack. 12 volt DC operation (Neg. and Pos. Ground). Size: 2 3/8" x 6 1/2" x 8". (HWD). Shpg. Wt. 15 lbs.

HB-525 (99-3156WX)..... **149.95**

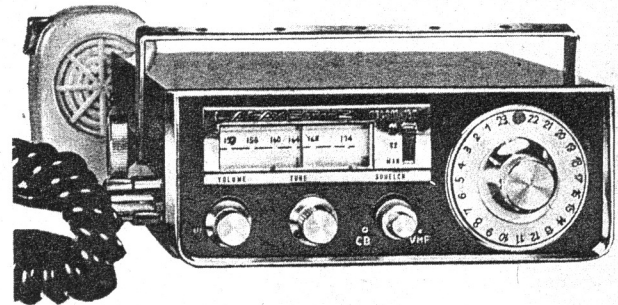
LAFAYETTE DYNACOM 12



12 switchable crystal controlled transmit and receive channel positions. 5-watts FCC maximum permitted input power in the palm of your hand! 14 transistors, 6 diodes, 1 thermistor. Super-heterodyne receiver plus RF stage with 0.7uV. sensitivity. Automatic compressor range boost for consistently high talk power. Use it in your car with optional cigarette lighter plug-in-adaptor. PA external speaker-jack with PA switch.

Shpg. Wt. 5 lbs
DYNA-COM 12.... **99.95**

LAFAYETTE 150 CITIZEN BAND 2-WAY RADIO plus POLICE AND FIRE MONITOR RECEIVER



MONITOR 150-174 MHZ AND COMMUNICATE ON 23 CB CHANNELS

Now you can monitor the police and/or fire frequencies and immediately communicate with your family. The Telsat 150 features: two switchable rear coaxial jacks for common or individual antennas; external speaker jack; concentric, individually variable squelch controls; and 3 ceramic IF filters for excellent selectivity. The Telsat 150 is expertly engineered for efficient performance in a vehicle, as well as in an office or home with the optional AC power supply. Complete with mobile mounting bracket, less crystals for 150 thru 174 MHz. Shipping Weight: 8 lbs.

TELSAT 150 (99B3215WX)..... **199.95**

CRYSTALS FOR 150 - 174 MHz. Specify exact operating frequency.

40B8208Y..... **6.95**

LAFAYETTE

Police And Fire Solid State Mobile VHF



Monitor
Receivers

2-3/8" H x 6-1/4" W x 8" D. Wt. 7 lbs.
Model PB-150.....

69.95

LAFAYETTE

HB-600

"CB COMMANDER"

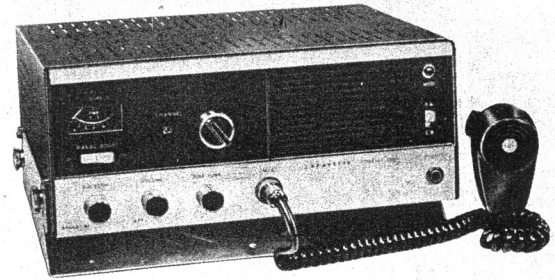


23 CHANNEL

The "CB Commander" offers every feature you'll ever want in a 2-way CB radio. You get 23 crystal controlled CB channels plus 2 extra channels. 5 stage RF ignition noise silencer. Now with new RF overload protection. 21 transistors, 13 diodes. Draws 1 ampere maximum on full transmit. Operates as a PA amplifier with external PA speaker. Built in Solid State 117 volt AC and 12 volt DC power supply. Supplied with push-to-talk dynamic microphone with coiled cord, AC and DC power cables. Size: 4-5/16" H x 11-13/16" W x 8" D. Shipping—Weight: 13 lbs.
 HB-600.....(99T3071WX)..... **219.95**

LAFAYETTE

25 B



23 CHANNEL

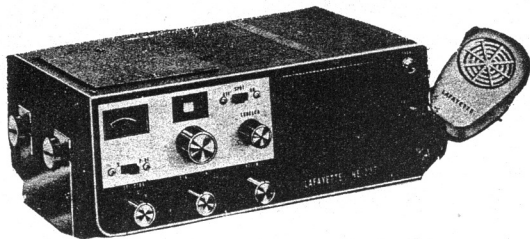
The Comstat 25B is a crystal controlled, 2-way radio with wired priva com. Private call socket. 17 tube performance with 11 tubes, 2 transistors and 11 diodes. Built-in 117 VAC. 12 VDC solid-state power supply. Dual conversion receiver features 8/10 uv sensitivity. Range boost circuitry for added talk power. Illuminated "S"/PRF" meter. CB/Public address switch. Headphone/External speaker jack. 2.5 Kc fine tuning vernier. Adjustable squelch control with standby switch for low drain and instant operation. Shpg. Wt. 16 lbs.

COMSTAT 25B (99-3214WX)..... **139.95**

LAFAYETTE

HE-20T

MOBILE SOLID STATE

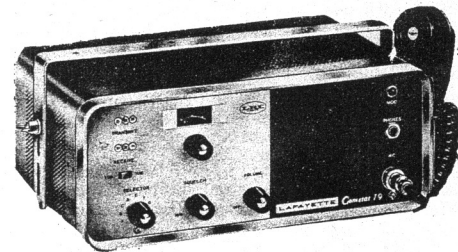


12 CHANNEL

This is a solid-state mobile 2-way radio with Private Com. Private tone caller socket. 12-channel crystal controlled. 23-channel tunable receive. 13 transistors and 10 diodes. Push-Pull audio modulator. Spotting switch for accurate reception, 117 VAC & 12VDC, negative or positive battery, ground. Pi-Net output. TVI trap. 455 KC Mechanical filter. Serves as P.A. amplifier with external speaker. Shpg. Wt. 15 lbs.
 HE-20T (99-3088WX)..... **89.95**

LAFAYETTE

COMSTAT 19



9 CHANNEL

The Comstat 19 is a 5-watt, 2-way radio with 9 crystal-controlled transmit and receive channels. 7-tubes and 3 diodes for 13 stages of dynamic performance. 1 uV sensitivity. 23 channel tunable receiver. Pi-Network antenna matching. Convenient variable squelch control. Built-in 117 AC power supply. Front panel phone jack for private listening. Shpg. Wt. 12 lbs.
 COMSTAT 19 (99-3067WX)..... **64.95**

TRADE-INS ACCEPTED

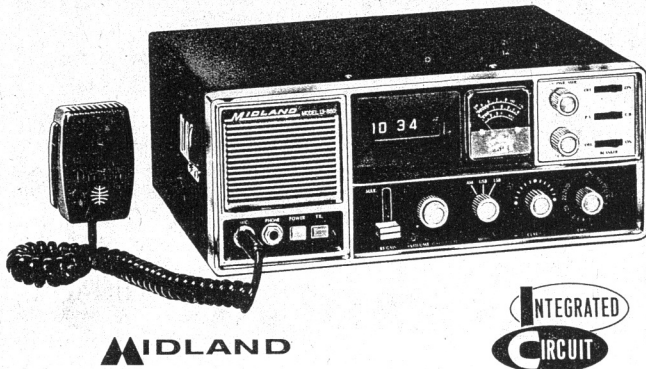
WE HONOR BANKMARK, BANKAMERICARD AND VALLEY NATIONAL

MIDLAND

23 CHANNEL BASE MOBILE TRANSCEIVER

10 Watt SSB

5 Watt AM



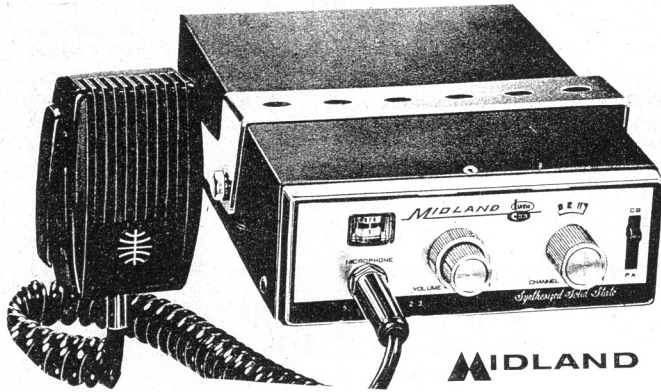
Midland proudly introduces the Model 13-880 . . . the most advanced Citizens Band transceiver we have ever offered. Revolutionary features include: Two built-in transmitters; one for high-level AM and one for Single Sideband (upper and lower). Special intermediate noise blanker system, built-in SWR and full metering system, digital clock, and modular design lattice filter sideband generation system. 23 channel equipped, no extra crystals to buy.

The dual transmitter section of the 13-880 operates on all 23 channels in 3 modes . . . AM, Upper Single Side-band (USB) and Lower Single Sideband (LSB). On AM, a special transmitter delivers 5 watts of high level Class B modulated signal. On USB or LSB, a separate transmitter delivers 10 watts Peak Envelope Power input, the maximum, allowed by the FCC. The availability of 3 modes on any of the 23 CB channels give amazing versatility of transmit and receive.

A built-in SWR system allows visual monitoring of antenna characteristics and performance. Separate panel lights indicate power on and transmit. Built-in digital clock has modern barrel-type dial and is convenient for recording on-the-air and general time. Jacks are provided for microphone, headphone, tape recorder and public address-speaker. Handsome black vinyl-clad metal cabinet with die-cast-grille. Operates on 117-volt AC or 12-volt DC current. Complete with AC cord, 12-volt auto cable, and push-to-talk dynamic microphone with 5 foot coiled cord. Dimensions: 13" wide x 5" high x 9-5/8" deep. Weight: 19 lbs.

13-880.....**279.95**

23 CHANNEL TRANSCEIVER 5-WATT BASE MOBILE



- Outstanding CB Unit Exceptional 2-Way Communications, Mobile or Base Station.
- Frequency Synthesized Circuit. Full Crystal-Controlled Transmit and Receive on All 23 CB Channels.
- Dual Conversion Superheterodyne Receiver with Mechanical Filter. Superior Selectivity!
- Solid State—20 Silicon Transistors.

A truly professional quality Citizens Band transceiver! Synthesized circuit provides full crystal-controlled transmit and receive on all 23 channels, no extra crystals to buy. Transmit and receive frequencies selected simultaneously by single channel selector switch. Full 5 watts input power. Adjustable squelch control and automatic noise limiting. Public address switch permits use of transceiver as a PA amplifier.

Combination "5" RF output meter provides a constant visual monitor of receiver and transmitter. Plug-in dynamic microphone with retractable coiled cord. Magnetic mike hanger. Built-in 3 1/2" PM dynamic speaker. Complete with mobile mounting bracket, 12-volt DC cable with fuse, and complete instruction manual.

Precision assembly of these carefully graded components assures user of years of trouble-free operation within FCC requirements. Size: 6" wide x 2-1/8" high x 8 1/2" deep. Shipping Weight: / lbs.

13-870-C.....**119.95**
18-805 Base Station Power Supply.....**19.95**

23 CHANNEL CB TRANSCEIVER

All Crystals Supplied • Operates on AC or DC

Base or Mobile Use • Advanced Integrated Circuit



PRE-EQUIPPED TO OPERATE ON ALL 23 CHANNELS: Synthesized circuit permits instant operation on all 23 CB channels. All crystals are supplied at no additional cost. Receive and transmit frequencies selected simultaneously by a single channel selector.

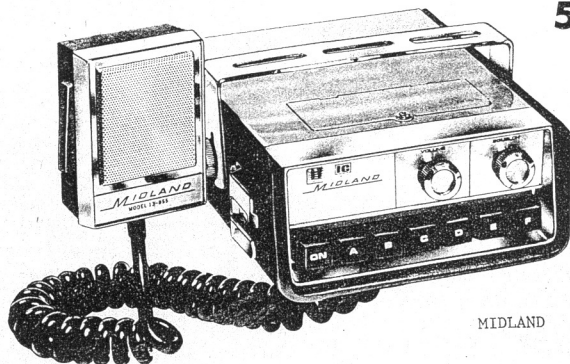
ADVANCED MIDLAND INTEGRATED CIRCUITRY: I.C. is the greatest new concept since solid state circuitry itself. Miniaturized circuits, no larger than a single ordinary transistor, perform the functions of several solid state components. The result is maximum efficiency in less space. Model 13-876 transceiver operates with any 50-ohm CB antenna.

READY TO OPERATE ON AC OR DC POWER: Both a 12-volt DC cable, and 110-120 volt AC line cord and plug, are provided for instant selection of DC mobile or AC base station power. No optional adaptors required.

Shipping Wt: 16 lbs. Dimensions: 5 1/2" high x 12" wide x 9" deep.
13-876.....**139.95**

5-WATT, 6-CHANNEL, BASE/MOBILE TRANSCEIVER

All New Pushbutton Channel Selector



The new Model 13-855 is Midland's most economical base/mobile CB transceiver. This compact unit offers a full 5-watts input power and versatile 6-channel capability. Pushbutton channel selection is a unique new Midland feature.

The sensitive single-conversion superheterodyne receiver features a tuned RF stage and 3 IF stages. Sensitivity is 0.5 Uv or better. An active AGC circuit prevents overdriving and fading and a fully variable squelch control tunes out interference and silences the receiver between calls. High level Class B audio modulation system. Over 2 watts audio output.

Advanced solid state circuitry incorporates the remarkable Midland Integrated Circuit, the latest advance in

micro electronics. Controls include variable squelch and volume, pushbutton selectors for 6 channels, plus a pushbutton on/off switch. A transmit indicator light on the front panel glows when the 13-855 is transmitting. Supplied with plug-in crystals for Channel 9 (27.065 MHz) installed. (Select crystals for the other 5 channels on page 59 of this catalog.)

Housed in a compact metal cabinet with padded black leather-grained vinyl covering and lustrous chrome and brushed aluminum trim. Standard 1/8" speaker output jack. Complete with hand-held mike with push-to-talk lever and 4-foot coiled cord, mike hanger, mobile mounting bracket, 1/8" plug, and 12-volt DC automobile cable.

13-855.....**69.95**

REGENCY IMPERIAL CB TRANSCEIVER

**POWERFUL TRANSMISSIONS ON 46 FREQUENCIES
PROVIDES CLEAR RECEPTION ON 69 FREQUENCIES,**



**BONUS
B, Cor F**

The Regency Imperial is compatible with any CB transceiver on Single Sideband, double sideband, or conventional A.M. It provides you with 69 reception modes and 46 transmission modes within the 23 channel spectrum. CHECK OUTSTANDING FEATURES: Suppressed carrier on sideband provides three times as much "talk power", R/FVO control for accurate tuning of SSB, DSB and AM signals. BUILT-IN PRODUCT DETECTOR for superior reception of suppressed or reduced carrier transmissions. Adjustable antenna loading control. All 23 channels crystal controlled on transmit or receive. DUAL CONVERSION SUPERHETERODYNE receiver with excellent selectivity and stability. EXTERNAL SPEAKER PROVISION, with or without internal speaker. Easy to read 2-scale, 4-function "S" meter with positions for reading signal strength, plate voltage and current to final tube. Glows red when transmitting.

RECEIVER: Double conversion superheterodyne. Crystal controlled, channels 1 thru 23. Sensitivity, AM mode, .5 microvolts or less or 6 DB S plus or minus n/n normally. SSB Mode, .15 microvolts or less for 10 DB S plus or minus n/n normally. Squelch sensitivity, adjustable from .1 microvolt or 30 microvolts normally. R/VFO tuning range continuously adjustable plus or minus 3.4 KC normally. Primary

image rejection, more than 90 DB. Secondary image rejection, more than 70 DB down. 1st and 2nd IF rejection, more than 80 DB down. Noise limiter, or ANL, automatic controlled series gate, AM only. Audio output, maximum usable power output, 9 watts normally. Selectivity, plus or minus 1.8 KC at DB, plus or minus 6.5 KC at 60 DB typically. "S" meter, S9 typically 70-100 microvolts. Product detector for sideband and exalted carrier reception.

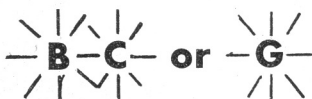
TRANSMITTER: Crystal controlled, channels 1 thru 23 no extras required. Modulation AM high level plate with reduced carrier for extra punch. DSB, suppressed Carrier balanced modulator, carrier down 30 DB. Modulation capacity, 30 watts peak to peak on oscilloscope. Microphone hand held hi Z ceramic. Output coupling "Pi-L" network for 30 to 75 ohm loads. Harmonics and spurious output, attenuated 55 DB or more. Carrier frequency accuracy, plus or minus .0035% target value. Size: 11 1/2" x 5 1/2" x 9 3/4". Wt. 15 lbs.

REGENCY IMPERIAL..... **299.00**
REGENCY BRACKET.....\$14.95



**PACE
BASE STATION**

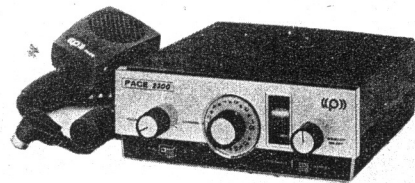
**CHOOSE FROM EITHER
FREE BONUS**



Flip a switch and it becomes a power meter. The Pace Base also includes a sensitive S-Meter. And it comes with variable output control microphone. That's what we mean by complete unit. Without any extra equipment, the new Pace Base lets you monitor both power SWR and effectiveness of received communications. Pace exclusive hook and solder process for rugged performance. Desk microphone with constant key switch. Meets all present and proposed FCC Rules and Regulations for type acceptance. Elegant wood grained cabinet. Headphone jack provides private listening. External speaker, with selector switch enabling separate use of internal speaker or both simultaneously. All 23 channels provided.

PACE BASE STATION..... **330.00**

**PACE 2300
CB TRANSCEIVER**



WITH FREE BONUS B or F

For those who require the best in two-way radio performance, the PACE Engineers have designed a Citizens Two-way Radiophone with every perfection known to the state of the art. The PACE 2300 combines the engineering superiority of 23 channel synthesized design with the elegance of mobile design concepts. The rich wood grain cabinet styling, matched with sculptured chrome presents the perfect mobile radio package for the modern automobile. Inside the beautiful case, PACE has achieved maximum performance with unique all silicon double conversion design. You receive the most quiet operation with the famous PACE mobile noise limiting design and full advantage of maximum sensitivity for the greatest possible range. Over 80 million computer calculations were required to give you the best combinations in synthesizer design assuring minimum off channel interference without special gimmick controls. With the PACE 2300, you will achieve your ultimate desire in perfect citizens two-way radio operation. Full diode protection for reliable operation under adverse conditions. All silicon transistor design for dependable operation in all temperature extremes. PACE exclusive hook and solder process for rugged performance under heavy vibration. Full process quality control report with every set. Heavy silicon diamond output transistor for top transmit performance. New locking latch rack. Shaped audio response with 6 sectioned tuned IF filter for best receiver performance. Cascaded amplified AGC system provides constant audio output consistent with lowest noise interference. Public address and loud hailer facility with front panel control and separate speaker jacks. Full size accurately calibrated "S" meter indicates received signal strength and simplifies squelch setting. Sensitivity adjustable at front panel to provide optimized performance under local or distant operating conditions. Size: 6 3/4" x 2 1/2" x 8 1/2". Wt. 4 1/2 lbs.

PACE 2300..... **199.95**

A CCESSORIES

ASTRO MODULATOR



MAKE YOUR BAREFOOT UNIT SOUND LIKE A KILLOWATT

Make your barefoot unit sound like a kilowatt and slice through that noise and interference with modulation to spare. You can feel confident with the all hand-wired circuitry and regulated output of the new ASTRO MODULATOR. The low profile design incorporates an in and out switch that allows you to leave this modulator in the line at all times. When you want power modulation, turn it on. No complicated wiring to your transceiver with the ASTRO, simply install the mike connector supplied, to your present mike. Size: 3 3/4" H x 7 1/2" W x 5 1/2" D.

VM-120..... **49.95**

CB TRANSCEIVER SOLID STATE PREAMPLIFIER



A field effect transistor provides improved sensitivity of the receiver section of a CB transceiver, either tube-type or solid state. A unique built-in transfer circuit enables the "PCB" to bypass itself (without modification to the CB unit) while the transceiver is transmitting. The "PCB" also feeds the antenna input of a second receiver. (H.E.L.P., R.E.A.C.T. etc.) as well as muting it. On the Air sign automatically lights when transmitting. The PCB with built-in power supply, transfer relay, connecting cables wired & tested.

PCB..... **59.95**

B&K COBRA COMPRESSOR TRANSISTORIZED AMPLIFIER



- 25 db Gain-0.28 db compression.
- Increases "Talk-Power."
- Prevents Modulation Splatter.
- 3 Amplification States.

For use with AM transmitter, PA systems, and Tape recorders. Features a unique compression circuit that boost low levels of modulation while maintaining high input levels at a constant output. Connects in minutes to any transmitter or audio equipment. Input impedance matches any crystal, ceramic or dynamic microphone. ON-OFF compression level controls, with long life 9 volt battery. 2 ft. multiconductor cable. 4 pin mating connector and instructions. Size: 3 3/4" x 3" x 2 1/2". Wt. 1 lbs.

CA-300..... **23.95**



NUVECTOR PRE AMPLIFIER

Two Nuvector's in cascode give noise figures of 1.5 to 3.4 db, depending upon band. The weak signal performance of ALL receivers as well as image and spurious rejections are greatly improved. The overall gain is in excess of 20 db. Power requirements of 102V at 7ma. and 6.3V at .27A. Contains a built-in AC power supply. Size: 5 1/2" x 3 3/4" x 3".

PCL-P..... **32.95**



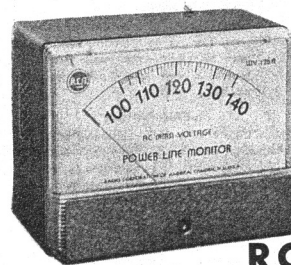
COURIER PORT-A-LAB

SPECIFICATIONS: Reads SWR from 1 to 30. Reads true RF POWER on 27 mc. 0-10W 5% and 0-50W-10%. Reads percentage of modulation to 100%. Can also check for modulation distortion aurally. Reads relative field strength on calibrated scale 1-10. Utilizes, sensitive 100ua meter.

PORT-A-LAB..... **44.95**

EICO CB TRANSCEIVER TEST SET

Weight: 5 lbs.
715 Wired..... **59.95**



CB LINE VOLTAGE LARGE SIZE METER

RCA

RCA Power Line Monitor is designed for use by CB users and it is important to know the power line voltage at all times. Provides a continuous accurate indication, of the AC line without the inconvenience of handling probes and switches or the necessity of selecting one of several scales to determine the proper meter reading. Measures "X".

WV-120A..... **17.95**

S.W.R. BRIDGE AND STRENGTH FIELD METER

A combination unit that will give relative field strength readings in forward and reflected power. Coaxial fitting allow permanent installation for constant monitoring of transmitter output. 9" telescopic antenna. Size: 6" H, 2" W, 2 3/4"D.

23-126..... **9.95**

MIDLAND FIELD STRENGTH METER
23-125..... **6.85**

WATTMETER DRAKE



Reads forward and reflected power directly in watts (VSWR from nomogram). Two scales in each direction. 200 and 2000 watts full scale Calibration accuracy \pm (5% of reading + 2 watts) on 200 watt scale; \pm (5% of reading + 20 watts) on 2000 watt scale. Size: 5 1/2" H x 3 3/4" W x 4" D.

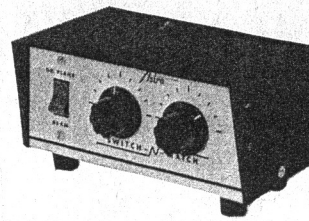
W-4..... **49.50**

ACCESSORIES



ASTRO ANTENNA SWITCH

No more ugly coax cable showing around your equipment. The ASTRO ANTENNA SWITCH offers, all rear connections, an in-line, low profile design, a new two position, easy to use rocker type switch and clearly marked antenna positions. No insertion loss with the ASTRO, a constant 52 ohm match. Size: 3" H x 5 3/4" W x 3 1/2" D. **7.95** SW-2P.....



ASTRO SWITCH -N- MATCH

Never before, a tuneable, in-line switching and matching system offered in a single unit. The ASTRO system allows you to tune incoming signals as well as your transmitted signal and switch antennas without that troublesome retuning. The ASTRO unit provides an excellent match between your transceiver and your antenna system, as well as reduce SWR from a high of 5 to 1 to a very efficient 1.1 to 1 match. Increase your power output and incoming signal now, with the ASTRO system. Size: 3" H x 5 3/4" W x 3 1/2" D. **19.95** SM-2P.....

CB MATCHBOX & ANTENNA METER



JOHNSON



To get maximum range from your Citizens Band radio station, you must have an efficient impedance match between the transmitter and antenna. Any mismatch results in decreased range and could reduce equipment life.

Now, you can measure any mismatch in your base or mobile antenna system and correct it instantly with the Johnson Antenna Meter and CB Matchbox. The Johnson Antenna Meter is a small metering device that is inserted in the antenna feedline to measure the ratio between the power delivered to the antenna and the power reflected back to the transmitter as a result of a mismatch. This measurement is called the Standing Wave Ratio, or more simply - SWR.

An ideal SWR would be 1:1:1 or less. A reading any greater than this is an indication that a mismatch exists between the transmitter and the antenna system, a mismatch that is reducing your transmitting range and could be shortening the life of your equipment.

To correct a mismatch, you need the Johnson CB Matchbox. The CB Matchbox is designed to become a permanent part of your CB installation. Just place it in the line between the transmitter and antenna and leave it there. Two simple controls allow correction of an SWR up to 5:1. With the CB Matchbox, you will always get an SWR of 1:1:1 or better.

250-049 CB Matchbox..... **15.95**
250-849-1 Antenna Meter..... **14.95**



B&W ANTENNA COAXIAL SWITCHES

SPECIFICATIONS

Power Rating: 1 KW amplitude modulated (except phono-type connector)
Impedance: 52-75 ohms, non-reactive loads.
Frequency Range: Audio to 50 Mc
Cross Talk: -45 db between adjacent outlets (at 30 Mc)
-60 db between alternate outlets (at 30 Mc)
Mounting: Panel, through single 3/4" hole.
Dimensions: 4" overall diameter, 2 1/4" depth behind panel, shaft 1" long, 3/4" diameter with flat.
Net Weight: 14 ozs.
Shipping Weight: 2 lbs.

Permits you to select any one of five transmitters, antennas, exciters, receivers, and other 4-f generating devices using 52 or 75 ohm line. Up to 1KW of modulation power with a maximum cross talk of 45db at 30 mc.

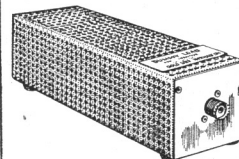
550A	S.P.	5 Position.....	11.55
550A-2	S.P.	2 Position.....	10.20
590	S.P.	5 Position.....	11.55
592	S.P.	2 Position.....	10.65

POWER LIGHT MODULATION INDICATOR and Dummy Load for 5 Watts

- * Lights up to indicate output power
- * 52 ohm load VSWR 1.1:1
- * Quick modulation check
- * Stops illegal output when servicing rig.



GLC 1057..... **2.49**



100 WATT DUMMY LOAD

- * Rugged non-inductive load
- * Non-radiating
- * VSWR 1.1:1
- * 52 ohm load.

GLC 1054..... **13.49**



CB MATCHER

- * Stops power loss
- * Quick and easy to install

Gives a perfect VSWR match for full power every time. Stops power loss. Quick and easy to install. A perfect VSWR is 1.1:1. If your VSWR is even 1.5:1, your losing up to 20% of your transmitting power. With a match of 2:1, you're losing as much as 30% of your power. The Gold Line CB MATCHER assures a perfect match of 1.1:1 VSWR every time. Simply insert the CB MATCHER between the transmitter and the antenna lead-in, adjust the tuning knobs, and you've got a perfect match, and no more power loss. **9.98** GLC-1046.....



Model GLC 1056

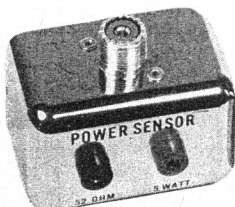
INLINE WATT METERS

- * Reads TRUE output power in watts
- * Stays in line for constant monitoring
- * Negligible insertion loss
- * Easy to use and very accurate.



Model GLC 1052

Model GLC 1056....5 Watts..... **14.95**
Model GLC 1052....100 Watts..... **32.95**



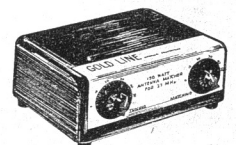
CB OUTPUT POWER SENSOR



The Gold Line CB OUTPUT POWER SENSOR and DUMMY LOAD makes use of any handy VOM and converts volts to watts. Simply attach the SENSOR to the output of your transmitter. Connect the plus lead of your VOM to the plus lead of your SENSOR and the minus lead of your VOM to the minus lead of your SENSOR. Set your VOM to its high scale and work down to a voltage reading. The voltage to watts conversion table on your SENSOR will show your output in watts. **9.95** GLC 1050.....

150 WATT MATCHER

- * Increases output power
- * Handles 150 watts continuous
- * Corrects mismatch up to 5:1
- * Tuning range (Impedance) 10 to 800 ohms
- * Negligible insertion loss.



GLC 1055..... **39.95**

COAXIAL SWITCH

Single Gang, Single Pole

- * Frequency audio
- * 52-75 Ohm independence

- * Positive ground
- * Ceramic switch
- * Wall or panel mount



GLC 1042..... **10.95**

ACCESSORIES

CITIZENS BAND CRYSTALS

TRANSMIT CRYSTALS: CHANNELS 1 THRU 23. WHEN ORDERING SPECIFY CHANNEL WANTED.

RECEIVE CRYSTALS: CHANNELS 1 THRU 23. WHEN ORDERING SPECIFY CHANNEL WANTED.

LARGE STOCK OF CB CRYSTALS

TRANSMIT RECEIVE

TRANSMIT RECEIVE

B & K:	COBRA V.....	A32M	H20M	KNIGHTS:	KN2520, & KN2522.....	A32M	H20M
COURIER:	TR-5, TR-6.....	ASRM	B20M	METROTEK:	BRONCO & CHARGER.....	ASRM	H20M
COURIER:	12.....	A20S	B20M	MIDLAND:	13-110, 13-111, 13-133.....	A20M	B20M
DEMO:	"CHALET".....	A20M	B20M	PACE:	5000 & PACE II-S & PACE II & PACE I.....	ASRM	X42M
GENERAL:	TG-103, 426A, 427, 428, 429.....	A20M	B20M	PEARCE SIMPSON:	COMPANION III.....	A32M	B20M
HALLMARK:	212-512-1250.....	A20S	B20S	REALISTICS:	TRC-12.....	ASRM	B20M
JOHNSON:	MESSENGER II & VIKING.....	ASRS	BSRS	RCA:	PERSONAL COM CBR-1A5, 300.....	A20M	B20M
JOHNSON:	MESSENGER III & 300.....	A82M	W32M	SONAR:	"D".....	AZ0S	B20S
JOHNSON:	MESSENGER 100 & 110.....	A32M	B20M				

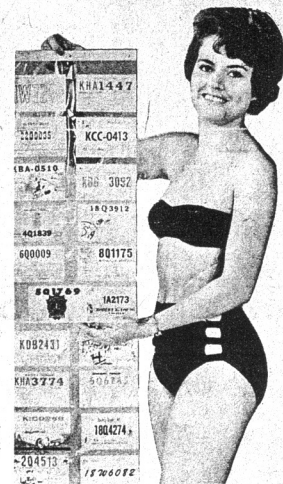
CRYSTALS: Channel 1 thru 23. EACH..... **2.50** Quantity price, 4 up. EACH..... **1.98**

CARD PLACKET

Frames, displays and Protects 20 cards in individual frames

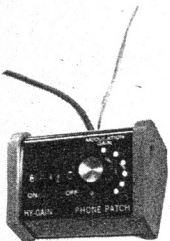
A "Must" for every Ham or CB shack

Modernize with Plastic QSL Card Placket



EZ-IN Pkg. of 3 Plackets (60 cards)..... **1.00**

HY-GAIN PHONE PATCH



Here's a high quality, low cost phone patch for push-to-talk operation. It is housed in a rich wood grained case with lustrous black plastic end plates. Speaker 4-6 ohms, phone 600 ohms and high impedance mike. This handsome unit has two controls, an off-on switch and a mike gain control. Size: 4 1/2" x 2 3/4" x 2 1/4".

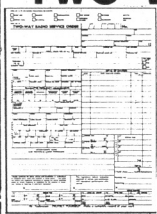
14.95

CB WHEAT LAMP



99T6262..... **79**

TWO-WAY RADIO SERVICE ORDER



For two-way radio service, printed in blue. Triplicate one time carbon for use with hard 3rd copy. Blank imprint for use with your rubber stamp. Size: 8 1/2" x 11". Un-Numbered. (Per box of 100 forms.)

No. 51..... **4.95**



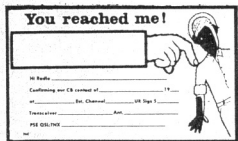
CB RADIO LOG

CARD YARD,

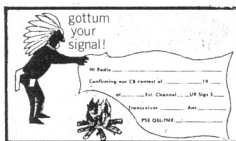
Bound in an attractive Yellow-embossed stock. With "JUST WHAT IS NEEDED" inside. Size: 8-1/2" x 11".

98

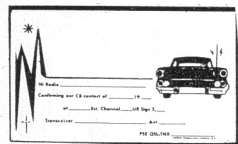
QSL CARDS



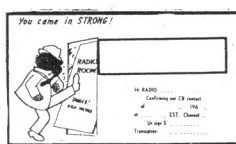
26C, CB



27C, CB



29C, CB



32C

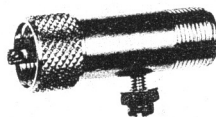
Package of 50..... **.98**



CB IGNITION CONNECTORS

Solderless terminals for splicing, quick hookup or disconnecting. Each package contains 3 sets of 90° and 3 sets of straight.

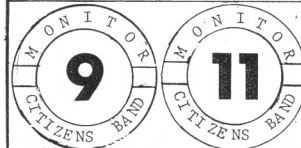
FC Per pkg..... **89**



COAXIAL LIGHTNING ARRESTOR

Provides constant drain off and eliminates any noise problems. Employs positive gap principle. No screws to adjust. Protects valuable equipment against lightning. Fits PL-259 plug.

GLC-1047..... **3.88**



CB DECALS

Specify Channel No.

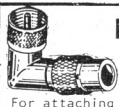
Each..... **.50**



ANGLE ADAPTOR EQUIPMENT

FOR CB & ELECTRONIC

Quality Electronic part. American made. For Citizen Band, Amateur radio, TV systems. Experimenters. Hobbysts. M-359..... (83-1AP)..... **1.69**



RIGHT ANGLE ADAPTER

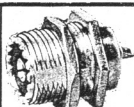
For attaching whip antenna to base station. Fits transceivers using PL-259 plug.

3.98



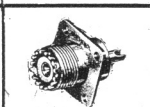
LEAD CONVERTER

ANTENNA SPECIALISTS For PL-259 plug to pin plug receptacle. M-46..... **1.59**



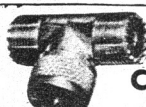
COAXIAL SINGLE HOLE CHASSIS MOUNT

Mounts quickly without screws or rivets. Keys into the panel and will not turn. Mil spec insulation. Four slotted pin for better contact. SO-239 SH..... **89**



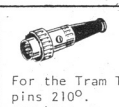
CHASSIS COAXIAL RECEPTACLE

Die-cast zinc shell and contact are silver plated. Split female contact made of high conductive copper alloy. For RG-8, 9, 10, 11, 12, 13, 29, 55, 58, 59, 62, 73, and 71/U cables. SO-239..... (83-1R)..... **79**



T CONNECTOR

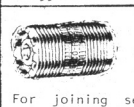
Higher Quality plating for better contact. M-358 (83-1T)..... **2.59**



MALE CB PLUG

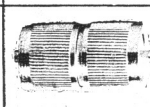
For the Tram Titan and Courier Class. 4 pins 210°. 09CL4M Each..... **1.85**

For a Johnson Messenger 223 5 pin connector. 12CL5M..... **1.95**



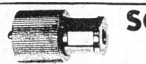
COAXIAL JUNCTION

For joining separate cable lengths. Double-end socket sleeve contact. Silver plated brass shell. Polystyrene dielectric. Takes PL-259 plugs. PL-258..... (83-1J)..... **1.49**



UHF DOUBLE MALE PLUG

Full length mil spec threads for better contact. Free turning nuts. High quality plating. UHF..... **1.59**



SOLDERLESS PL259

GLC 89 for RG 58U cable

* No soldering
* Assembles in seconds
* No special tools needed
* Reusable
* Only one easy cut to strip coax cable.
GLC89..... **1.25**



STRAIGHT COAXIAL

A PL-259 body with an unthreaded (spring) outer shell. Push fits with an SO-239 chassis mount or a PL-258 double female. Excellent for those on again, off again applications. GLC-96..... **.98**



REDUCER ADAPTER

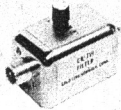
UG-176-U threads into PL-259 and takes RG-62 63 and 71/U cables. UG-175-U threads into PL-259 and takes RG 29, 55, and 58/U cables. EACH..... **20**



MIKE CABLE CONNECTOR

Extensively used on all types of portable apparatus. Has positive screw-type connection. 4 contact. 91-MC4M...MALE..... **98**
91-PC4F...FEMALE..... **98**

TV INTERFERENCE FILTER



Eliminates TV interference caused by CB. Designed especially for CB. Easy to tune. Harmonic rejection minimum of 40 db. Features a tuning control knob to allow for maximum television interference rejection.
GLC 1051..... **5.95**



HASH HUSHER

FILTERS UNWANTED RADIO NOISES

Increases reception clarity by effectively filtering unwanted radio noise (ignition pulses). Easy to install in minutes. Fits all standard gasoline engines. Won't affect electrical or mechanical operation. Moisture proof. Flash-over proof.
HH-8..... **12.95**

TUNEABLE ALTERNATOR FILTER SMEA



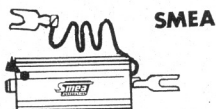
A new tuneable alternator filter, the ultimate in mobile radio noise suppression has been designed for CB use. The frequency trimmer inside the filter can be easily adjusted by the CB'er to best nullify the noise in the receiver. Simple instructions, with illustrations, help make it easy to install the filter on the fender wall of the automobile near the alternator. Withstands up to 70 amps continuous operation, for heavy service and tunes 22-60 mcs. All necessary wire and hardware included.
T-70..... **9.45**

GENERATOR AND ALTERNATOR NOISE SUPPRESSOR KIT



ENS-6..... **3.65**
ENS-8..... **3.85**

VOLTAGE REGULATOR FILTER



Designed to eliminate noises in communication receivers caused by points in the voltage regulator relay control. This fixed type L/C combination unit is neither voltage nor frequency critical and requires no tuning. Will operate on 6, 12, 24 and 32 volt systems and at all frequencies. Packed with complete instructions.
VF-225..... **3.95**

PRE-TUNED CB NOISE GENERATOR FILTER



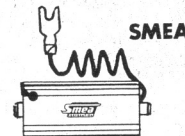
Eliminates Noise caused by automobile generator systems. Pre-tuned to 11 meters on CB frequencies. Long life design features epoxy encapsulation. New rugged bracket fits all generators. Preferable to wide-band filters that you have to tune. This narrow-band filter is engineered specifically to your frequency range. Fixed frequency prevents drift.
GLC-1045..... **3.95**

INTERFERENCE GROUNDING STRAPS



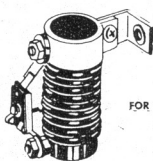
Static straps bond automotive components (hood to fire-wall engine to frame, truck lid to body, etc.), so as to minimize static discharges which cause annoying and any unwanted radio noise. Includes 4 8" straps, 4 6" straps and 16 hex bolts with self-contained lock washers.
SS-8..... **3.95**

ALTERNATOR FILTER



A non-tuneable alternator filter designed to eliminate noises in communication receivers caused by the alternator systems of mobile units. It can be inserted anywhere in the alternator wire leading to the regulator where a suitable point for grounding may be located. Operates up to and including 32 volts.
AF-104..... **3.88**

CB GENERATOR NOISE FILTER



Adjustable generator noise filter will permit quiet receiver operation. For use with Citizens Band and amateur equipment in the 3-30 mc range. Maximum current 25 amps.
CBF..... **2.39**

ALTERNATOR SUPPRESSIKITS



Suppresses RF interference in mobile radio gear. Designed for maximum effectiveness through the cooperation of leading automotive engineers. Easily installed on car with Citizens Band. Does not affect performance of engine. Provides effective RFI through 400 mc. Withstands high temperatures of engine compartments during continuous operations.
SK-10 For Cryster Vehicles..... **16.88**
SK-20 For Ford Vehicles with Fomoco Alternators..... **24.88**
SK-30 For General Motors Vehicles..... **23.88**

LOW PASS FILTER

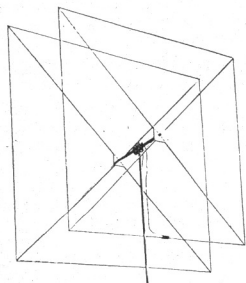


FREQUENCY RANGE 1.5 TO 30 MHz
For transmitters up to 100 watts, provides 50 db attenuations throughout the TV bands. Size: 4" x 2" x 1 1/4". Ideal for citizens banders, and low power amateurs.
424..... 100 WATTS..... **14.50**
425... 1000 WATTS..... **22.75**

CB LOW PASS FILTER



This professional quality filter attenuates radiated spurious and other undesirable harmonic signals higher than 50 MC approximately 50 db or more. Impedance is 50-75 ohms and connections may be reversed for same impedance match. Max. power rating is 100 watts. Size: 5 x 2 x 1 3/4". Wt. 2 lbs.
42 T 0123..... **8.95**



ANTENNA SPECIALISTS "THE SQUARE RIGGER"

Unsurpassed Gain and Rejection! New "Maximum focus" design (larger reflector element) produces 7.5 db true forward gain, reduces interference drastically with 30 db front-to-back ratio! Best Basic Reliability! Split wire matching eliminates loading stubs, rain, snow, ice cannot de-tune the "SQUARE RIGGER". Precision matching, also provides optimum VSWR at center, 1.3 to 1 or better at band edges. Finest Basic Construction! Seamless aluminum tubing throughout, dipoles are steelcore, copper-clad cable. Full-proof assembly, pre-aligned to assure positive element relationship.
M-195..... **48.95**

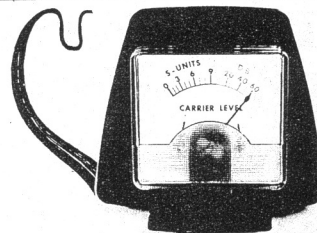
3" CB CALL LETTERS COLOR: GOLD

KCQ-2574

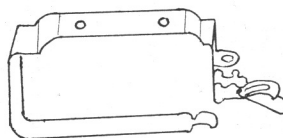
SPECIFY LETTERS SELF-STICKING VINYL PLASTIC LETTERS AND NUMBERS

7 LETTERS FOR \$1.00

ADD-ON "S" METER



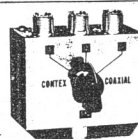
An S Meter to work well on all CB radios! The BIG S METER has won public acceptance and is offered for addition to all CB radios, provided they are superheterodyne and have AVC circuits. So big, you can watch it from across a room with ease. Beam owners, to get the most out of your antenna system, the BIG S METER is american made, and utilizes a moving magnet, which is far superior to the older type meter. The BIG S METER is permanently anchored to its black plastic stand, allowing you to place it where you want it, by simply moistening the dried adhesive on the bottom of the stand. 2 1/2 foot long wire goes to your radio.
"ADD-ON "S" METER"..... **8.95**



LOCK RACK

Using this Lock Rack may keep your set from being stolen.
7 1/2" W x 2-3/4" H x 1" D.

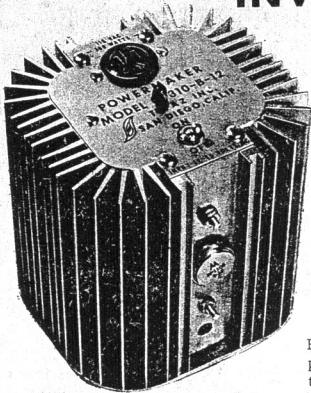
5705..... **5.95**



COAXIAL SWITCH

Switches 3 antennas to one transmitter or receiver. Switches 3 transmitters or receivers to one antenna. Handles up to 750 watts RF power. Only .5db insertion loss VSWR of less than 1.1.
C-1..... **7.95**

ALL TRANSISTORIZED TOPAZ INVERTER 300 WATT

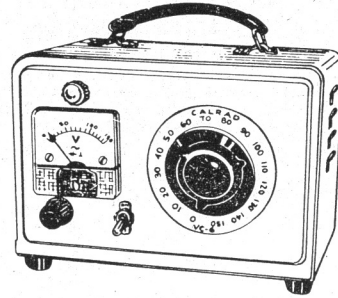


CONVERTS 12 VOLT BATTERY POWER TO 60-CYCLE HOUSE POWER

FOR:
AUTOS TRAILERS
CAMPERS BOATS
Compact..Rugged..Easily installed..Thousands in use today.

FEATURES: 12 volt negative ground input-120 volt, 60 cycle outlet All transistorized (no vibrators or tubes to fail). 300 watts continuous power. Efficiency greater than 80%. Short circuit and overload protected. Reverse polarity protected. Ground-type outlet, accepts standard 2 or 3 prong plugs. Complete with cables, mounting hardware and instructions. Weight: 13 lbs. 14 oz., including battery cables. Size: 5 1/2" x 6-1/8" x 6-13/16" high. Negative-ground circuit. Aluminum Case. **79.95**
310-B-12.....

CONTINUOUSLY VARIABLE TRANSFORMER

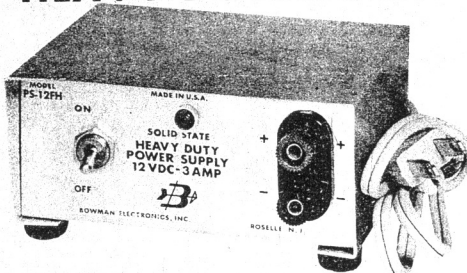


Specifications:
Output is variable
0-150V @ 5 Amp.
Input 115 V. 60 Cps.

CALRAD **500 WATT**

Continuously variable line transformer in metal cabinet with 150 volt AC meter, on and off switch, fuse, and pilot light, two AC outlets on rear of cabinet. A highly efficient manual operated voltage regulator furnishing adjustable output voltage from AC line. Current ratings apply over full range of output voltage. **24.88**
VC-6.....

HEAVY DUTY POWER SUPPLY SOLID STATE



110 VAC TO 12 VOLTS AT 3 AMPS

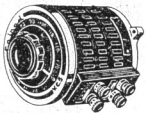
PS-12FH fills the need for heavy duty power supply that can power almost any tape player on the market. The PS-12FH can supply up to 3 amps of switching current. The PS-12FH can also be used to power amplifiers and CB units requiring high current with low ripple DC. The PS-12FH comes in a sturdy two piece aluminum case. **23.95**
PS-12FH.....

JOHNSON IN-CONVERTER FOR CITIZENS BAND RADIO



Convert any DC power source from 6 volts to 24 volts, regardless of polarity, into a usable voltage for low-power, transistorized communications equipment. If your input voltage is 6 or 12 volts DC, or if the polarity is incompatible to radio equipment, then the In-Converter is for you. The In-Converter converts 6 volts DC to 12, 6 volts DC to 18, 12 volts DC to 24, and inverts polarity from negative to positive or positive to negative. The Johnson In-Converter can be mounted almost anywhere and can furnish up to 14 watts of power in a typical receive-transmit duty cycle. Size: 5-3/4" x 3-3/4" x 2 1/2". **21.95**
239-120-1 In-Converter.....

VARIABLE VOLTAGE REGULATOR



CALRAD

OUTPUT VARIABLE
FROM 0 TO 130 VOLTS
INPUT-115 VOLTS
@ 5 AMPS 60 CPS

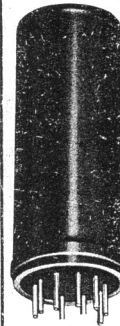
A highly efficient manual operated voltage regulator furnishing adjustable output voltage from AC line. Output is variable from 0 to 130 volts. Input is 115 volts at 5 amps. Current ratings apply over full range of output voltage. **14.95**
VC-5.....

TRANSISTORIZED VIBRATORS



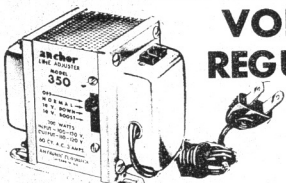
The ideal replacement for old-fashioned mechanical vibrators. These are direct replacements for 4-pin, 12 volt vibrators on CB mobile stations, auto radios and commercial communications gear. Eliminate vibrator hash completely, and replacements due to sticking contacts. Higher power capabilities than competitive units handle up to 4 amps, because of matched transistors complement and exclusive transformer design. Increase the effective transmission range of any communications systems. Size: 3" high x 1 1/2" O.D. WT." 2 lbs. **7.45**
Model N Replaces vibrators with negative # 1 pin. Model P use with equipment where vibrator socket pin No. 1 is positive. **8.95**
Model N or P Each.....
239-050-1 Johnson Perma Vibe.....

POWER BOOSTER TUBE



Sarkes Tarzian's new Full Wave Silicon Rectifier is ultra-high performance replacement tubes that give you the very maximum in reception, quality and range. Cool operation improves reliability and long life of all components. Replacement for 12BW4 or 6BW4 tubes. Power output increased up to 40% through the semi conductor network when the silicon rectifier is plugged directly into the tube socket. Peak inverse voltage: 1600. Peak rectifier current: 5000. DC output current MA. Max: 500. Fits all Johnson I and II Messengers. (Illegal on CB Band). **8.95**
S5347 Extra Heavy Duty.....

VOLTAGE REGULATOR



ANCHOR

Deluxe, heavy duty, restores proper picture size by selecting proper voltage. Gives instant 4-way selection. 10 volt boost, normal voltage, 10 volt down, and current off. Size: 3" x 3" x 4" versatile, adjust from 110 to 130 volts. Simple to install, plugs into regular wall-outlet. **6.95**
IA-350.....

MALLORY REPLACEMENT VIBRATOR FOR CB



Extra heavy duty Mallory 12 volt replacement vibrator for CB. Designed for long trouble free operation. Replaces Mallory G1601, G859, James CB-41, C.D. 6301, 6326. Vokar. CB-4121. Size 1 1/2" x 2 5/8". **4.88**
G-1532.....

MOBILE EQUIPMENT LOCKS



Fits Johnson Messenger III. To install simply remove right hand mounting stud and replace lock stud. Lock body captivates mounting bracket, making removal impossible without key. Tumbler type lock, steel body and stud all cadmium plated. **5.95**
J-3.....

CB RELAY CLEANER



An indispensable device for cleaning contacts in relays and switches. The fine and very hard "file finish" on these tools removes oxide and corrosion from contact points without removing excessive amounts of the precious metal. **5.95**
9338.....

ACCESSORIES

TRANSCEIVER MOUNTED "TOPPER"



Ideal for portable applications or where limited space is a major factor. Chrome plated telescoping radiator; Hy-Q loading coil; lifetime adjustable tuning rod. Overall height 47 1/2" telescopes to 20". Net wt. 1 lb. 522 (TQCW)... **HY-GAIN..... 7.79**

ANTENNA SPECIALISTS

ECONOMY GROUND PLANE



1/4-wave ground plane

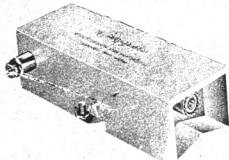
The ideal, sturdy, trouble free base antenna for starter systems. Only Antenna Specialists could give you this much antenna for so little money. Quality built with solid aluminum elements and cadmium plated hardware for long life. Three 1/4-wave length radials. Impedance: 50 ohms nominal. VSWR: 1.5 to 1 or better. Height: 108 inches. M-184..... **10.73**

BUSINESS BAND ANTENNA



ANTENNA SPECIALISTS
Professional vehicular antenna for special mounting applications. 25-50 MHz.

ASP-441..... **28.22**



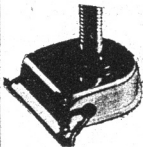
FERRITE BALUN

COMPLETE WITH ALL HARDWARE

Hy-Gain's ferrite balun provides a way to couple a 52 ohm unbalanced transmission line into a 52 ohm balanced system (beam antenna). It improves the transfer of energy to the antenna eliminating stray RF from the feedline and supporting tower. The electrical principal of operation is similar to that of 1:1 transformer. It is frequency independent and will operate over all CB channels. Mounts quickly and easily on the boom or mast of any CB beam or duo-beam. Net. Wt. 1 lb.

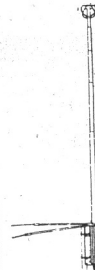
553 (BN27A)..... **12.69**

ANTENNA MOBILE MOUNT



FITS ANY CB ANTENNA. No body holes are necessary. Fastens to trunk lid in minutes. Superior ground plane effect. Radiation efficiency increased over bumper type mounts. C-375..... **6.95**

BUSINESS BAND ANTENNA



ANTENNA SPECIALISTS
High performance, half wave length, end-fed, 2 db gain base station antennas.

ASP-350..... **42.53**

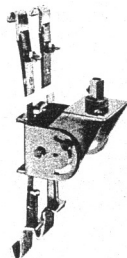
HEAVY DUTY MOBILE SPRING



ANTENNA SPECIALIST
Recommended For Lancer.

Heavy duty model. Designed to provide the necessary support for long whips and heavy center loaded whips. Antennas of extra length and weight are kept firm and in an upright position despite car motion. Spring is stainless steel and end bells are chrome plated. Model M9AS..... **9.75**

BUMPER MOUNT STRAP



ANTENNA SPECIALISTS

This new 6 POINT Lock Antenna Bumper Mount includes two heavy duty stainless straps, tension adjusted by screws in each strap, and locked in snugly at six separate points. Straps and hardware are of stainless steel---brackets and hooks are heavily chrome plated steel. M-147..... **11.71**

LO-BALL FLUSH



HY-GAIN

BODY MOUNT

Heavily chrome-plated flush body mount compliments the trim and lines of modern cars. Accepts standard 3/8" x 24 fittings. Use with whip or spring and whip. Complete with molded cycolac base, rubber body washer & heavy gauge back-up plate. Net. Wt. 2 lbs. 499..... **6.37**



CB TIE TACK OR LAPEL PIN

Tie tack or lapel pin..... **1.75**

HIGH TENSION MINIATURE SPRING



HY-GAIN

Stainless steel, double-tapered spring. Handles whips up to 52". Accepts 3/8" x 24 fittings. Net wt. 1 lb. 492 (SPGM)..... **2.74**

MOBILE FOLD-OVER ADAPTER



Great protection for any mobile antenna using 3/8" x 24 stud. Stainless steel spring hinged adapter replaces shock spring folds antenna over for low garaging, easily snaps into locked upright position for all driving conditions. Spring tension adjustable to need. Net wt. 12 oz. HY-GAIN..... **4.70**

DELUXE JIFFY TRUNK MOUNT



HY-GAIN

Fully adjustable heavy gauge stainless steel mount. Installs in trunk lip. Accepts standard 3/8" x 24 stud. Net. Wt. 1 lb. 548 (JMS)..... **4.85**

QUICK CHROME DISCONNECT



HY-GAIN

Flip-of-the-wrist removal and attachment of whips to mount. Spring loaded. Standard 3/8" x 24 fittings both ends. Net. Wt. 2 lbs. 531 (QD)..... **2.89**

DUMMY LOAD



For use with any CB rig. Basically, a 50 ohm non-inductive "dummy load" capable of accepting up to five watts for 15 minute durations with a VSWR of 1:1.1. Use it to calibrate a VSWR bridge, peaking up your CB unit and for checking modulation without transmitting a carrier over the air. Fits standard UHF receptacle. To operate merely connect it to the output of transceiver or VSWR bridge. Net wt. 1 oz. HY-GAIN..... **1.50**

HOLE PLUGS



ANTENNA SPECIALISTS

For covering holes from which antenna has been removed may be inserted outside of car body. Rubber.

MODEL	DIAMETER	HOLE	PRICE
M-10	3/4"	1 5/8"	\$1.45
M-11	1 1/2"	3/4"	.98
M-16	1 1/4"	3/8"	.98
M-18	1 1/2"	7/8"	.98

INSULATED GUTTER CLIP



ANTENNA SPECIALISTS

Secures whip for garaging. Non-piercing, single screw mounting. Net. Wt. 8 oz. M-115..... **1.24**

SPRING KIT

The spring kit for "Maggio Mobile" owners. (Modifies M-67, M-74, M-73). The spring is stainless steel with chrome plated end bells. M-126..... **3.95**

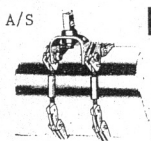
SWIVEL BASE & ADAPTOR

A complete assembly, ready to mount. Comprised of a deluxe chrome swivel base (M-3D), and a coaxial adaptor (M-15)..... **7.10**

SWIVEL BASE

M-15..... **2.48**

DOUBLE CHAIN BUMPER MOUNT



With double chain links, receptacle mounted between. For use with any Spring or whip having 3/8" x 24 thread. Entire assembly of alloy steel cadmium plated. M-191..... **9.65**



A/S

ASSEMBLY BALL

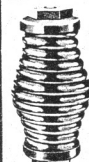
Citizens Band version of ASP-3. Has professional size aluminum ball. Supplied with plated hardware. M-3..... **3.98**

Same as M-3 except aluminum ball is heavily chrome plated to enhance deluxe appearance. M-3D..... **5.98**



LEAD ADAPTOR

Converts PL-259 on lead to pin plug on set. M-46..... **1.35**



CHROME PLATED SPRING

HY-GAIN

A heavy duty chrome-plated, double-tapered steel spring with spring ends carefully ground for perfect alignment. Accepts 3/8" x 24 thread fittings at both ends. Stud furnished. Shpg. Wt. 2 lbs. 417..... **5.95**

Chrome plated extra heavy duty spring designed for rigid support of heavy mobile antennas. Same features as #417 with stud. Shpg. Wt. 3 lbs. 511..... **9.95**

ANTENNAS

HY-GAIN

HY-GAIN COLINEAR

PLUS FREE
100 ft. of RG58U Cable
and
2 PL259 Connectors

No home should be without one.

A 1/4 wavelength radiator gives stronger signal over a greater area. Full 4 db omnidirectional gain.

Original "Top Hat" Static Removing Design.

Comes complete with double-grip mounting brackets.

Full circumference compression clamps at slotted tubing joints.

Taperswaged tubing gives greater strength... lower wind resistance.

Super strong, non-drip radials don't tune in wind.

Low take-off angle.

"How 'bout this?"

Ideal for sideband.

CAUTION: Do Not Push Factory Adjustments Only!

Really, CLR2's can be stacked also. We call it co-phasing.

World famous, time-tested, functional design.

This model is available.

473 (CLR-2) Less Mast..... **31.88**
GOLDEN COLINEAR

514 (GCLR-2) Less Mast..... **43.61**

HY-GAIN LONG JOHN

5-ELEMENT ROTABLE BEAM



Delivers 9.7 db. Forward Gain.

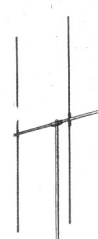
SPECIFICATIONS

ELECTRICAL
Forward Gain.....9.7 db.
Power Multiplication Factor*.....5.3
Front-to-Back Ratio.....25 db.
Typical SWR.....1.05:1
Coaxial Feeding.....52 ohms

MECHANICAL
Boom Length.....18 ft.
Longest Element.....18 ft.
Mast Diameter.....1 1/4"
Maximum Wind Survival.....80 MPH
Net Weight.....18.9 lbs.

543 (CB5)..... **58.75**

HY-GAIN 3-ELEMENT ROTATABLE BEAM



Delivers 8.2 db. Forward Gain

SPECIFICATIONS

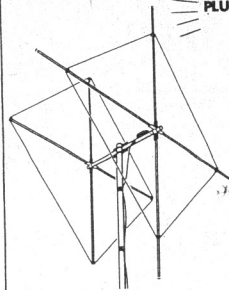
ELECTRICAL
Forward Gain.....8.2 db.
Power Multiplication Factor*.....6.6
Front-to-Back Ratio.....20 db.
Typical SWR.....1.05:1
Coaxial Feeding.....52 ohms

MECHANICAL
Boom Length.....8 ft.
Longest Element.....18 ft.
Mast Diameter.....1 1/4" to 1 1/2"
Maximum Wind Survival.....80 MPH
Net Weight.....6.8 lbs.

High performance; rugged construction; delivers 8db forward gain; 20 db F/B ratio. Driven element at DC ground for static removal and lightning protection. Beta Matched for optimum performance. Rotates with standard TV rotator. Survives 75 MPH winds. Net Wt. 6.8 lbs. **34.25**
533 (CB3).....

HY-GAIN ELIMINATOR

PLUS FREE 100 ft. of RG-58U CABLE & 2 PL259 CONNECTORS



SPECIFICATIONS

MECHANICAL

Spreader Length Overall.....17'8"
Driven Element.....13'3"
Boom Diameter.....1 1/2"
Turning Radius.....9'2"
Mast Bracket Accommodates.....1 1/4" to 1 1/2"
Wind Survival.....in excess of 90MPH
Net Weight.....17 lbs.

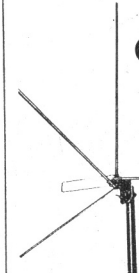
ELECTRICAL

Gain.....9 db.
Forward Polar Selectivity Gain.....15 db.
Power Multiplication Factor*.....7.9
Front-to-Back Rejection.....30 db.
Vertical to Horizontal Separation.....15 db.
SWR at Resonance.....1.24:1
Coaxial Feeding.....52 ohms

New design 2 element quad with extended aperture elements and selectable polarity for diversity reception. Provides verticle or horizontal selection of incoming signals and reduction of interfering skip signals. Other plus features are small span and low weight, permitting a lower cost rotor. You get the directivity of a beam and the high front-to-back ratio of a beam in a small size, ruggedly constructed unit. Comes complete, ready to install.

574..... **78.35**

HY-GAIN ALL PURPOSE 1/4 WAVE GROUND PLANE



BETA MATCHED FOR OPTIMUM ENERGY TRANSFER

TAPER-WAGED SEA

BETA MATCHED FOR OPTIMUM ENERGY TRANSFER

TAPER-SWAGED SEAMLESS ALUMINUM CONSTRUCTION

IRIDITE TREATED HARDWARE

CPGP is a 1/4 wavelength unity ground plane constructed by heavy gauge, taper-swaged seamless aluminum tubing. Entire antenna is at DC ground for low noise level and lightning protection. Unique Beta Match provides maximum transfer of energy to the antenna from 52 ohm coaxial feeding. Multi-color, iridite treated steel hardware. Wt. 2.9 **11.71**
534 (CPGP).....

FOR THE CALL OF THE WILD...

BAND LEADER

HELLCAT 1

The Hellcat 1 is the leader of the Hellcat family and the distance leader of all CB mobile antennas. Its exciting beauty features stainless, steel tip rod chrome plated brass fittings, and rich, luxurious black plastic low profile base cover. Complete with 22' of coax and connector. 47" long. Net wt. 3 lbs.

557..... **17.15**

UNDERCOVER HELLCAT

HELLCAT 2

Our shorty roof top Hellcat is claw mounted base loaded, and almost impervious to damage. The extremely short, strong, lightweight stainless steel tip rod provides a very flexible capability to withstand garages and low hanging obstacles. 50 Hellcat 2! Complete with 22' of coax and connector. Only 23" short. Net wt. 1.7 lbs.

556..... **16.12**

MAGNETIC POLE

HELLCAT 3

Enjoy the most versatile CB antenna ever. The Hellcat 3 is magnetically mounted in an instant and requires no holes or tools. In addition, the Hellcat 3 sets a new performance standard. You'll talk loud and clear with a low VSWR on all 23 channels. Complete with 16' of coax and connector. Overall height is 34 5/8". Net wt. 3.2 lbs.

558..... **17.59**

LIPSTICK

HELLCAT 4

It's nicknamed the "lipstick" because it mounts so easily and quickly on the lip of your trunk lid and, compared to unsightly old-fashioned trunk mounts it looks like a sleek, slender, silver stick. It's base loaded with the etched copper coil, giving a very low VSWR on all 23 channels. 22' coax and conn. O.H. 47". Net wt. 3.1 lbs.

559..... **21.51**

COPY CAT

HELLCAT 5

The Hellcat 5 is claw mounted, base loaded with the etched copper coil. It's supplied with a stainless steel tip rod with no spring. For those who want their antenna to stand straight up and provide optimum performance. Very low VSWR across all 23 channels. This low profile beauty supplied with 22' coax and conn. O.H. 47". Net wt. 2.8 lbs.

575..... **14.65**

WILDS CAT

HELLCAT 6

This all new Hellcat 6 installs quickly and easily on all types of campers and house trailers. Mounting bracket is complete with low profile base and new chrome plated brass automatic fold-over, providing mechanical protection offered by no other antenna. 22' coax and conn. O.H. 47". Net wt. 3.2 lbs.

561..... **22.48**

PUSH OVER

HELLCAT 7

This new approach to an all new roof top could only be accomplished with a Hellcat. The claw mounted, base loaded, high efficiency, low profile base is offered with a chrome plated automatic fold over device that falls over and stays when a solid object is contacted. With 22' coax and conn. O.H. 47". Net wt. 3 lbs.

576..... **19.55**

RAIN COAT

HELLCAT 8

It's completely insulated from the atmosphere with a heavy, extremely durable, fluidized coating, which protects against precipitation static. Coated tip rod assembly attached to high performance, claw mounted base. Very low VSWR and high radiation efficiency. With 22' coax and conn. O.H. 47". Net wt. 3 lbs.

564..... **16.61**

SHIP SHAPE

HELLCAT 9

This all new marine Hellcat gives optimum performance, mounted on fiberglass or wooden boat. It does not require a ground plane. The antenna operates as a 1/4 wave and provides a very high radiation efficiency compared to other 1/4 wave antennas. It mounts with a single 3/8" hole. With tuning unit, 22' coax and conn. O.H. 58 1/2". Net wt. 3.5 lbs.

565..... **26.41**

HY-GAIN

ANTENNAS



HY-GAIN'S BIG GUN

**WITH
FREE
BONUS** 

The Big Gun antenna from Hy-Gain is the Big Gun of Quads. It's a 4-element, selectable polarity, extended aperture Quad that gives you more gain per pound than any antenna made... 26.3 times the power of your CB rig!

It gives you the tightest beam available from any CB Quad! It's only 49° at the 1/2 power points. It's so tight that you must point it directly at the signal on receive or you don't hear.

That's why we give you a 3-position switch so you can pick up the calling station on an omni-directional antenna and then boom your signal out on either horizontal or vertical.

Ask any expert—the only way any antenna can provide a tight beam is by having *OPTIMUM SPACING OF ELEMENTS!* You can't get optimum spacing if your boom is too short. Only Hy-Gain gives you an extra long 20' boom and optimum spacing.

In addition, you get the famous Hy-Gain super-strength tilt-able boom-to-mast clamp, none this husky used except on the worlds' best antennas.

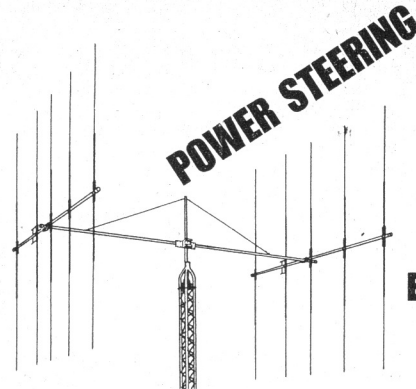
SPECIFICATIONS

Electrical	
Power Multiplication Factor.....	26.3*
Gain.....	14.2db
1/2 Power Beam Width.....	49°
Front-to-Back Ratio.....	38.7db
Forward Polar Selectivity Gain.....	18db
SWR at Resonance.....	1.24:1
Coax Feedline.....	52 ohms
Vertical-Horizontal Separation.....	18db
Mechanical	
Boom Diameter.....	2"
Boom Length.....	20'
Wind Survival.....	in excess of 90 MPH

*Power Multiplication Factor—means actual power available to you is equal to the power of your transmitter times this factor.


401..... **146.51**

HY-GAIN SUPER DUO-BEAM 10



POWER STEERING

**120
WATTS**

**WITH FREE
BONUS** 

SPECIFICATIONS

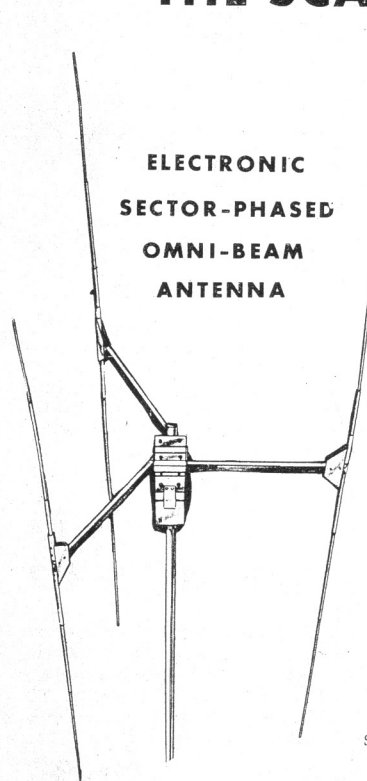
ELECTRICAL		MECHANICAL	
Gain.....	14db	Boom Length.....	20'
Power Multiplication Factor*.....	25	Cross Boom Length.....	24'
Front-to-Back Ratio.....	26db	Longest Element.....	18' 9 3/4"
SWR (at resonance).....	Less than 1.4:1	Boom Diameter.....	2"
Coaxial Feedline.....	52 ohm	Cross Boom Diameter.....	2"
		Element Diameter (Tapers).....	7/8" to 7/16"
		Turning Radius.....	15' 6"
		Mast Bracket Accommodates.....	1 1/4" to 2 1/2"
		Surface Area.....	9.01 sq. ft.

Suggested Rotator HAM-M or Equivalent.
Complete with all hardware—Ready to install.

The SDB-10 has 20' booms and 24" cross booms. Gives you "talk power" of 25 times the power of your transmitter! The new super improved Duo-Beam is completely re-engineered. Features "beefed-up" heavier wall tubing in three sections and extra heavy duty boom to mast clamp with an exclusive tilt-able feature for easy installation. Concentrates your entire signal in a single narrow beam and directed with pinpoint accuracy it rejects signals from back and sides. These unsurpassed, phased antenna arrays are supplied complete with cross booms, phasing harness and all required hardware. Shipping wt. 66 lbs.

546 (SDB 10)..... **166.55**

ANTENNA SPECIALISTS THE SCANNER



**ELECTRONIC
SECTOR-PHASED
OMNI-BEAM
ANTENNA**

**PLUS FREE
100 ft. RG58U
Cable and
100 ft. 4
Conductor
Rotor
Cable**

Electrical focus and signal rotation—no mechanical rotator. Nothing ever designed can match the instant response, pin-point capability and real power of the incomparable Scanner. You change signal direction electrically in a split second at the touch of a switch.

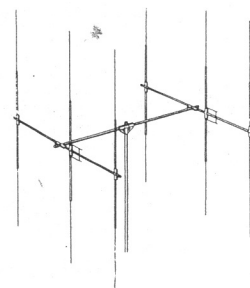
Tremendous 7.75 db directional gain gives you 5 watt CB set the power equivalent of a 30 watt two-way radio. An unmatched 23 db front to back ratio significantly reduces skip interference from the rear. Vertical elements are 17 1/2" long and extend less than 3 feet from mounting structure. Weighs only 17 1/2 pounds, yet it will withstand 100 MPH winds with reserve.

Impedance: 50 ohms. VSWR: 1.5 to 1 or less. Booms: 1" square aluminum tubing. Elements: Cylindrical aluminum tubing, 3/4" telescoping to 1/2" pipe. Recommended mounting structure: 1 1/2" to 2" pipe. Wiring required: 4 conductor rotor-type wire for scan control interconnections. RG-58/U or RG-8/U for antenna feed.

Super Scanner
MR-119..... **79.95**

Shipping wt. 20 lbs.

HY-GAIN SUPER DUO-BEAM 6



**93
WATTS**

**WITH FREE
BONUS** 

SPECIFICATIONS

ELECTRICAL		MECHANICAL	
Gain.....	12.7db	Boom Length.....	12' 2"
Power Multiplication Factor*.....	18.6	Cross Boom Length.....	14'
Front-to-Back Ratio.....	23db	Longest Element.....	18' 6 1/2"
SWR (at resonance).....	Less than 1.4:1	Boom Diameter.....	1 1/4"
Coaxial Feedline.....	52 ohm	Cross Boom Diameter.....	2"
		Element Diameter (Tapers).....	7/8" to 7/16"
		Turning Radius.....	9' 6"
		Mast Bracket Accommodates.....	1 1/4" to 2 1/2"
		Maximum Wind Survival.....	100 mph
		Surface Area.....	4.7 sq. ft.

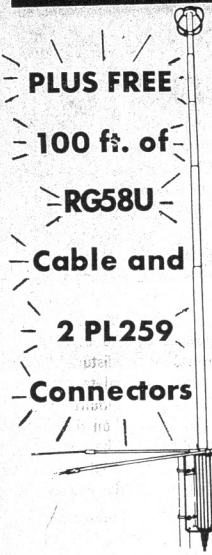
Suggested Rotator AR-22 or Equivalent.
Complete with all hardware—Ready to install.

The SDB-6 has 12' booms and 14' cross booms. Gives you "talk power" of 18.6 times the power of your transmitter! The new super improved Duo-Beam is completely re-engineered. Features "beefed-up" heavier wall tubing in three sections and extra heavy duty boom to mast clamp with an exclusive tilt-able feature for easy installation. Concentrates your entire signal in a single narrow beam and directed with pinpoint accuracy it rejects signals from back and sides. These unsurpassed, phased antenna arrays are supplied complete with crossbooms, phasing harness and all required hardware. Shipping wt 37 lbs.

542 (SDB-6)..... **97.95**

ANTENNAS

ANTENNA SPECIALISTS



'SUPER MAGNUM'

CB BASE STATION ANTENNA

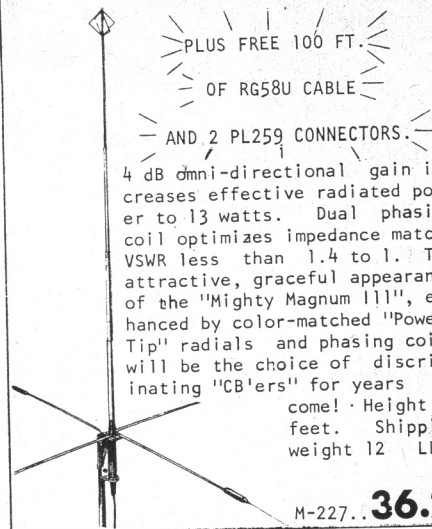
MECHANICAL FEATURES. Rugged, rigid aluminum and cadmium plated steel. Exceptionally low wind resistance. Dual Clamping: Fits on virtually all types of masts or directly into wooden areas (side of house, etc.) Corrosion resistant--waterproof. **ELECTRICAL FEATURES.** Shunt fed, grounded radiator. Stati-lite ball for additional dissipation of static electricity. Four 1/4 wavelength radials provide R.F. decoupling for transmission line and fixed capacitance resulting in a 50 ohm match at the base of the antenna. Hi-"Q" phasing transformer provides resonance over the entire Citizens Band. Low radiating angle intensifies signal pattern. VERY low noise pick-up. Direct ground for lightning protection. 3.75 db gain (reference flat ground plane).

10% MORE TRUE GAIN than any other omni-directional CB base antenna made!

Unprecedented 3.75 db true omnidirectional gain, with a minimum of 6 db signal-to-noise improvement; VSWR, a fabulous 1.17! Coil sealed in plastic. Solid aluminum radials are full 1/2 wave length, for maximum RF decoupling. Ruggedly constructed of heaviest-gauge seamless aluminum tubing. With "stati-lite" tip for greatly reduced receiver noise.

M-117..... Less Mast..... **31.88**

"MIGHTY MAGNUM III"



PLUS FREE 100 FT. OF RG58U CABLE AND 2 PL259 CONNECTORS.

4 db omni-directional gain increases effective radiated power to 13 watts. Dual phasing coil optimizes impedance match, VSWR less than 1.4 to 1. The attractive, graceful appearance of the "Mighty Magnum III", enhanced by color-matched "Power-Tip" radials and phasing coil. will be the choice of discriminating "CB'ers" for years to come! Height 17 feet. Shipping weight 12 LBS.

M-227... **36.21**

THE FLIPPER

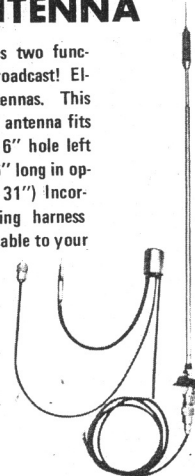
Mobile CB Antenna!

New, no holes to drill, quick installation. Exclusive fold down gutter clip. Clamps on in seconds and adjusts to five positions from inside the vehicle. Heavy duty chrome plated clamp mount with five spring loaded position adjustment. Zero, 45°, or 90° mounted either side of vehicle. Sleek black 4' fiber glass whip, center loaded for high efficiency. Fiber glass coating eliminates moisture absorption and electrical losses. Complete with RG-58/U cable and PL-259 connector.

M-180..... **17.59**

COMBINATION CB-AM MOBILE ANTENNA

Cowl mount antenna. Serves two functions in one - - CB and AM broadcast! Eliminates the need for two antennas. This single sturdy-heavily chromed antenna fits easily into the 7/8" to 1 3/16" hole left by the auto antenna. Only 46" long in operating position (collapses to 31") Incorporates an automatic dividing harness which includes 1 ft. low loss cable to your AM set, a 2 ft. cable to your CB set, and 5 ft. cable to your antenna. (PL-259 included). Divider coupling unit fits snugly up under the dash.

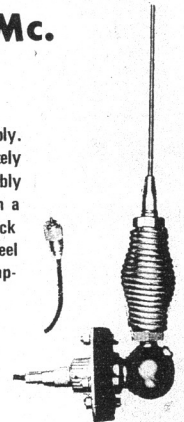


M-103. . . . **16.61**

COMPLETE CB MOBILE SWIVEL BASE ASSY.

25-54 Mc.

Complete mobile swivel base assembly. Coaxial connector on base completely shields terminal connection. Assembly includes a coaxial base mounted on a heavy duty "Cyclac" insulator, shock absorbing spring, 102" stainless steel whip with removable plated steel adaptor, 20 ft. of RG-58/U cable with 259 connectors on both ends, and whip hold-down gutter clip. Includes an Allen wrench.

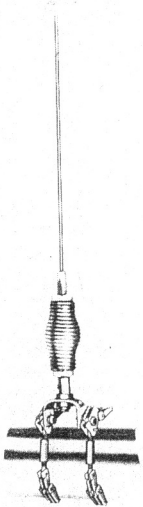


M-23..... **19.55**

COMPLETE CB BUMPER MOUNT ASSEMBLY

25-54 Mc.

Complete double chain bumper mount assembly. No holes to drill. Assembles in minutes. Nothing else to buy. Consists of professional heavy duty bumper mount with "Z" shaped links, shock absorbing spring, 102" stainless steel whip with removable, plated steel adaptor, 20 ft. of RG-58/U cable with PL-259 connector on one end and split connector on the other, and whip hold-down gutter clip.



M-24..... **21.51**

FIBERGLAS CB MOBILE WHIP

27 Mc.

48" BLACK BEAUTY whip offers greater elasticity and will not embrittle or crack with age. Abrasion resistant Thermofit irradiated polyolefin covering. 3/8" -24 threads at base end. Adapts to all standard swivel bases and springs. Center loaded, it offers excellent receiving and transmitting qualities coupled with classic appearance on any vehicle.



MR-53 Whip only..... **6.81**

COLORGUARD BRIGHT INTERNATIONAL ORANGE

M-141 Whip only..... **6.32**

CB ANTENNA SYSTEM

The standard of the mobile communications field. Used by CBers the world over. Comprised of a professional sized aluminum ball mounted on a heavy duty cyclac insulator, shock absorbing spring and 102" stainless steel whip. For deck or side mounting. Cable and connector not included.



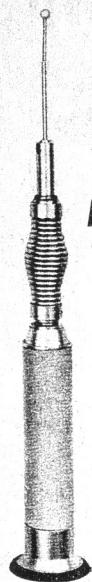
M-1..... **11.71**

CB MOBILE WHIP

102" WHIP with removable plated steel adaptor. Made from 17-7 PH tempered stainless steel to provide greatest reliability and strength. Mounting adaptor has 3/8" -24 threads to fit standard springs and bases. Rod can be cut to desired length by user.



M-3B..... **4.88**



SUPER MAGGIE CB BASE LOADED MOBILE ANTENNA

Heavy duty base loaded CB antenna for 27 Mc. Only 46" long. Rooftop application affords an excellent omni-directional signal pattern. Whip bends, tip to butt. Mounts in 3/8" hole. Has snap-in mounting feature for fast installation. Provides quick solderless lead connection at the antenna. All fittings chrome plated brass includes stainless steel rod and spring. Includes 20 ft. of RG-58/U cable and PL-259 connector.

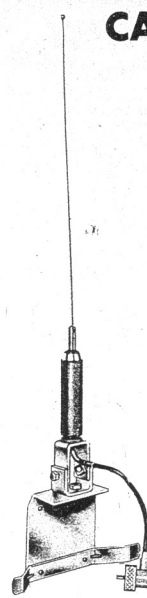
M-125 **16.61**
Same as above less spring.
M-123 **14.65**



STAINLESS STEEL BASE LOADED ROOFTOP MOBILE

Licks the problem in some cars, of "roof versus headliner squeeze". All fittings chrome plated brass, includes stainless steel rod and springs. Supplies a 36 1/4" rod to make up for the spring length Whip adaptor provides 1 1/4" adjustment for fine tuning. Has 3/4" hole. Mount neatly from outside of vehicle. Base loaded antenna is supplied with 20 Ft. RG-58/U cable and PL259 connector.

M-124 **16.61**
M-67 Less Spring **14.65**



CAMPER MAGGIE MOBILE

The ideal top-performing, easy to install CB antenna system for pick-up trucks with campers, camping trailers, vans and buses. Includes America's favorite CB antenna--the heavy duty, base loaded A/S "Maggie Mobile." The rugged, universal mounting bracket has a large bearing area for a sturdy mount on all camper surfaces. Mounts entirely on outside of the camper. It is not necessary to disturb the camper interior. Complete angle adjustment lets you mount the antenna in any position on side or roof. Co-ax cable can be wound up on "hanking" bracket when not in use. Kit contains "Maggie Mobile" antenna with stainless steel whip, mounting bracket, 20' of coaxial cable and PL-259 connector.

M-189 **20.53**



BASE LOADED COWL/FENDER/DECK MOUNT MOBILE

Cowl / fender or deck mounting. Swivel mount allows vertical positioning up to 35°. Inconspicuous base loaded neutral gray-phasing transformer and slender 39" stainless steel whip. Whip will bend - - Tip to Butt. Excellent signal with low noise level, 50 ohm matched. Whip adaptor permits 1 1/4" adjustment for fine tuning. 20 ft. of RG-58/U cable, with PL-259 connector both ends. 44" high.

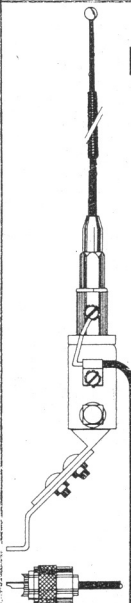
M-74 **16.61**
With Spring. **18.57**
M-128 **18.57**



BASE LOADED TRUNK GROOVE MOUNT MOBILE

Inconspicuous base loaded, neutral gray-phasing transformer and slender 39" stainless steel whip. Whip will bend - - Tip to Butt. Trunk groove mount installs in seconds in two tiny 7/32" holes. No visible holes on car. Holds securely and is adjustable to all cars. 20 ft. of RG-58/U cable with PL-259 connector included.

M-73 **17.59**
Same as above with Springs. **19.55**
M-127 **19.55**



BLACK BEAUTY FIBERGLAS MOBILE

48" Black Beauty offers greater elasticity and will not embrittle or crack with age. Center loaded offers excellent receiving and transmitting qualities. No visible holes left on car after antenna is removed. Just 2 tiny 7/32" holes in trunk lid. Holds securely and is adjustable to all cars. 15 feet of RG-58/U cable with a PL259 included.

MR-58 **14.65**



CENTER LOADED 18" MIGHTY MITE MOBILE

A high-performance roof-mount. Center loaded. Only 18" long. With stainless shock spring. Adjustable tuning, and new, more effective loading coil. Snap-in . 3/8" mount--no soldering. Includes 16 foot of RG-58/U cable and PL-259 connector. 27 Mc.

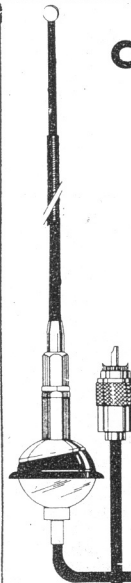
M-130 **14.65**



CENTER LOADED 18" MAGGIE MITE MOBILE

Center loaded CB antenna designed to mount on rain gutter of any vehicle. Features no hole installation. All antenna parts chrome plated brass or stainless steel. Gutter clamp cadmium plated. Includes 10 foot of RG-58/U cable and PL-259 connector.

M-131 **16.61**

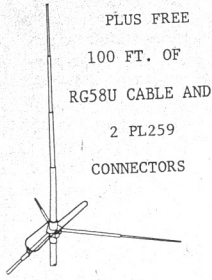


COWL/FENDER FIBERGLAS MOBILE

Fiberglass CB Mobile Antenna. 27 Mc. 48" Black Beauty offers greater elasticity and will not embrittle or crack with age. New tube sleeving process known as THERMOFIT PVC. Center loaded, Cowl-fender mounting. Swivel mount allows vertical positioning up to 35°. 5 ft. of RG-58 cable with PL-259 connector. Only 48" high.

MR-52 **13.67**

DEVANT "1"



PLUS FREE
100 FT. OF
RG58U CABLE AND
2 PL259
CONNECTORS

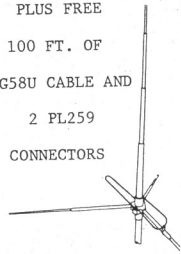
Performance-proved 5/8 wave vertical antenna with gain compared to standard ground plane of 3.4 or 5.5db. over isotropic source. SWR 1.5/1 or better. Assembled weight 8 lb: overall height 19' 8 1/3", Wind Load (EIA std.) 41 lbs. at 80 MPH. Feed point impedance attained through 'Induct-O-Match' matching system, 52 ohms. Low angle radiation. Antenna features simplicity of design for ease of assembly. Matching system incorporates ground element for lightning protection. Swaging (tapering ends of aluminum) reduces wind load and vibrations causing metal fatigue. Mounts on mast up to 1 1/2" pipe. Radial Length 103"; Shipping wt. 11 lbs.

DEVANT 1.....**31.95**

DEVANT SPECIAL

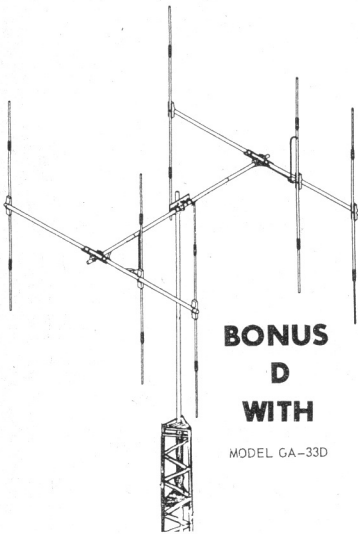
5/8 wave vertical antenna with 10" radial Top Hat for additional gain. Gain 4.0 db. compared to standard Ground Plane, 6.5 db. over isotropic source. SWR 1.5/1 or better. Assembled weight 8 lbs., overall height 19'8": Wind Load (EIA std.) 42 lbs. at 80 MPH. Feed point Impedance attained through 'Induct-O-Match' matching system, 52 ohms. Extremely low angle radiation. Loading and impedance matching through loops of 1/8" aluminum rods. Coax female connector part of weather-proof radial support assembly. Light-weight antenna easily mounted. Mounts on mast up to 1 1/2" pipe. Wt 13 lbs.

PLUS FREE
100 FT. OF
RG58U CABLE AND
2 PL259
CONNECTORS



DEVANT SPECIAL.....**33.95**

DELUXE CB MINI-BEAM



**BONUS
D
WITH**

MODEL GA-33D

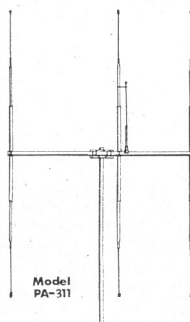
SPECIFICATIONS AND PERFORMANCE DATA

Electrical:
Forward Gain: 11.6 db
Front-to-Rear Ratio: 25 db
SWR: 1.5/1.0
Type of Match: Gamma
Feed Point Impedance: 52 ohms
Recommended Transmission Line:
50 to 52 ohm coax cable

Mechanical:
Number of Elements: 6
Maximum Element Length: 11' 4-1/4" reflector (vert.)
Boom Length: 16'
Turning Radius: 112"
Element Diameter: 1/2" OD
Recommended Mast Size: 1-1/2" Dia. O.D.

Wind Surface: Stacked vert.
Wind Load (EIA std: 80 MPH):
84.20 lbs.
Shipping wt: 27 lbs
GA-33D.....**95.52**
GA3D Single 3 ele. Mini-Beam
.....33.53

CB PARAGON BEAM



SPECIFICATIONS DATA

Forward Gain: 8 db
Front-to-back Ratio: 24 db
SWR: 1.5/1 or better
Feed Pt. Impedance: 52 ohms nom
Radiation: Uni-directional

Deluxe three-element beam antenna for Citizens Band Radio. The Paragon Beam (Model PA-311) takes its basic design from the highly successful AD-311. It features a three-piece boom and perfectly balanced elements with swaged tubing to reduce vibration in the wind. Its improved gamma matching system includes a molded gamma base and connector for greater convenience and durability. Packages small enough to be shipped parcel post. Shpg. wt: 15 lbs.

PA-311.....**45.72**

PLUS FREE
100FT. OF
RG58U CABLE
AND
2 PL259
CONNECTORS

CB LANCER 23

Radiation Pattern:.....Omni-directional
VSWR:.....1.5/1 or better.
Feed Point Impedance:.....52 ohm matching.
(length of calz not critical).



A CB mobile antenna equipped with a CB coil for operation on all 23 channels. Features a Corona Ring to reduce ionized radiation, Capacitive Disks to aid signal by raising the current node, Antenna Peaking Provision to allow for coverage on all 23 channels by a simple adjustment with an Allen wrench, and a base hinge activated by a wing nut for quick fold-over. Ht. Aprx. 100". Wt. 4 pounds.

CBL-23.....**38.95**

CADET TWINS



For temporary mobile installations on cars...boats. Utilizing suction cup mount (use with suction mount only). Omni-directional. VSWR, 1.5/1 or better. Length 3 ft. from mounting surface to antenna tip. Roof top mounting recommended. Antenna center loaded. Ground radials or systems not required. Grounded within base. Will operate on fiberglass, wood or metal surfaces. All *s/s hsw. 12 ft. of coax supplied.

SUC-1.....**21.80**
Similar to Cadet SUC-1 except antenna is designed for permanent installations. No ground system required. Will operate on fiberglass, wood or metal surfaces. 12 ft. of coax supplies.

PER-1.....**23.42**



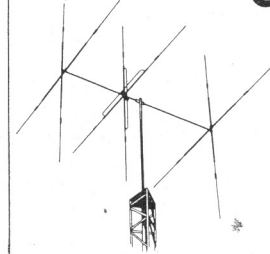
DEPUTY



A base loaded antenna...long on looks-construction-performance. Easy disconnect provision in base enables quick antenna removal. Supplied with roof top mount: however, an accessory mount "Mobilemate" is available for truck groove or drip rail installation. Complete with *s/s whip, 18' of coax, chrome plated spring and hdw. supplied. Length 43 3/4".

DP-27.....**23.13**

CB SASER BEAM

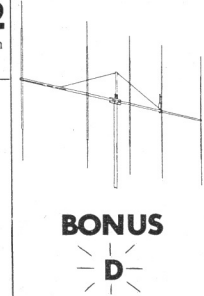


**BONUS
D**

SASER BEAM (Model MS-3D) is a miniaturized CB antenna with the sturdy construction of a beam plus the choice of polarization usually available only in the quad design. It features six miniature elements, three vertical and three horizontal, loaded by deluxe coils for full electrical length and power tolerance. A double "T" matching system provides balanced feed. The polarization switching control box permits change of polarization at the flip of a switch to cut through interference and contact base stations in horizontal plane of polarization as well as mobile units in the vertical. WT. 18 lbs.

MS-3D.....**85.17**

DELTA FIVE

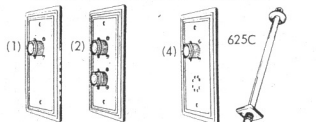


**BONUS
D**

Five-element wide-spaced SA-511-S offers the best in BIG BEAM performance. Designed and engineered for greater boom-end support (eliminating boom-end sag or droop) while maintaining superior Uni-directional radiation. An over-all new look of rugged strength and graceful beauty-mounted vertically or horizontally. Insures superior, dependable all-weather performance. Forward Gain: 9.5 db. Front to Back Ratio: 20 db. SWR: 1.5/1 or better. Gamma Match: 52 ohm coax feed. Maximum element length 18', 8 3/4" boom length 24". Turning radius 12' vertical, 15.3 horizontal. Wind Surface: 6.16 sq. ft. vertical, 3.9 sq. ft. horizontal. Wind-load: 127.5 lbs. vertical, 79.5 lbs. horizontal. Shipping wt. 28 lbs.

SA-511-S.....**68.50**

COAX TERMINATION OUTLETS



- 1. C1-1PK, single coax outlet. 3.00
- 2. C2-2PK, dual coax outlet. 4.90
- 4. CR-8PK, single coax outlet with 8 wire rotor plug. 5.20
- 625C - For direct entrance and termination of a single coax lead. Ivory only. Mounting screws included. 2.85

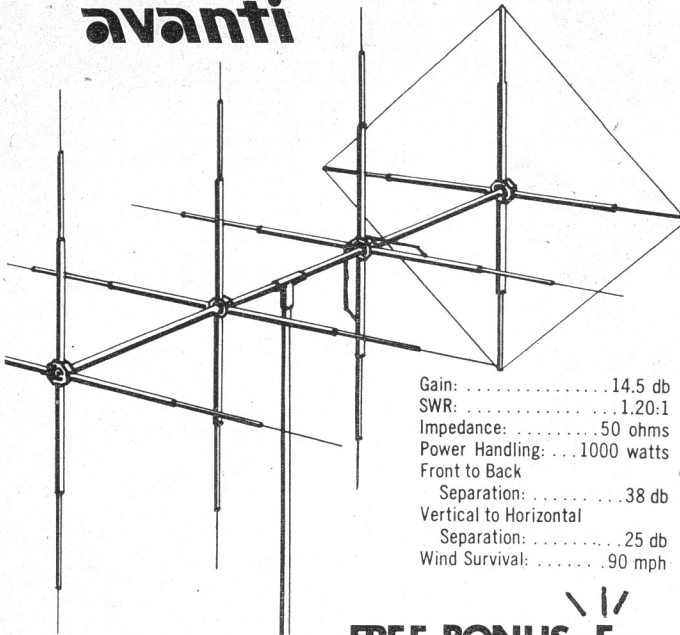
ANTI-CORROSION COMPOUND

A corrosion resistant compound that prevents oxidation - assures electrical conductivity and lubrication of all metal fittings. A-1123.....39

ANTENNA COATING

2475 4 oz.....1.09

THE MOONRAKER
avanti

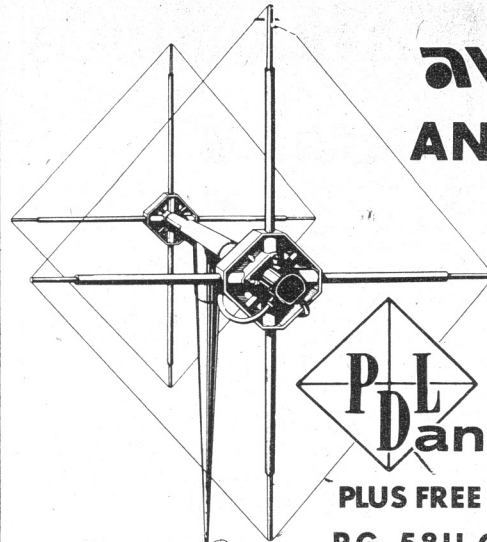


Gain: 14.5 db
 SWR: 1.20:1
 Impedance: 50 ohms
 Power Handling: ... 1000 watts
 Front to Back
 Separation: 38 db
 Vertical to Horizontal
 Separation: 25 db
 Wind Survival: 90 mph

FREE BONUS 

Uses only a 15' boom to eliminate efficiency loss inherent in multiple in-line quad designs, thus better signal excitation is achieved to provide greater true gain. Combines 1/2 wave cross dipole elements with the famous Avanti PDL design reflector. Switch box (included) permits operation on the horizontal or vertical mode. Wt. 26 lbs.

The Moonraker..... **127.35**



avanti
ANTENNA

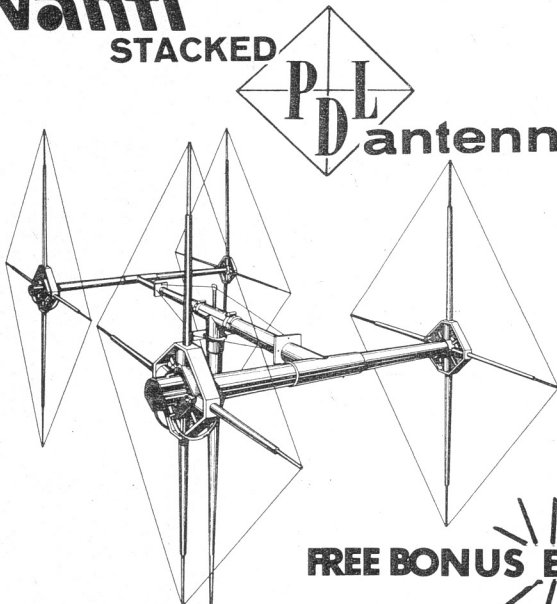
PDL
Antenna

PLUS FREE 100 FT. OF
RG-58U CABLE AND
TWO PL259 CONNECTORS

Polar Diversity Loop Beam Antenna may be operated in either vertical or horizontal mode by flick of switch at operator's position. Power gain of 11 db. S. W. R. 1.2:1 on all 23 CB channels. Maximum Power 1000 watts. Material: Rugged rigid aluminum and fibre-glass. Wind survival: 100 MPH. Comes complete with CSA two position coaxial switch box. Shipping weight: 15 pounds.

PDL-27-A..... **78.35**

avanti
STACKED
PDL
Antenna



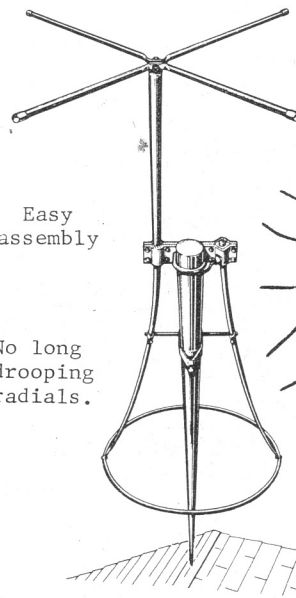
FREE BONUS 

STACKED PDL SPECIFICATIONS

- | | |
|--|--|
| ELECTRICAL | MECHANICAL |
| <ul style="list-style-type: none"> • Maximum Power—1000 Watts • Front-to-Back Ratio—25 db • Side Rejection—in excess 40 db • SWR—Less than 1.4:1 • Coax Feedline—50 Ohm • Gain—14 db | <ul style="list-style-type: none"> • Element Height—13' • Boom Length—4'10" • Cross Boom Length—18' • Boom Diameter—1 5/8" • Cross Boom Diameter—Telescoping 1 3/8" to 1 1/2" • Turning Radius—16' • Wind Survival—80 MPH • Net Weight—35 lbs. |

The avanti stacked PDL produces a stronger signal than stacked 6 element yagies. No other single array can match the avanti stacked PDL's combination of power and polar diversity. Kit consists of 2 PDL-27A and a SK 27 Stacking Array.

Stack PDL Antenna..... **230.15**



avanti
ASTRO PLANE
antenna

PLUS FREE 100 FT. OF
RG58U CABLE AND
TWO CONNECTORS

Easy assembly

No long drooping radials.

Withstands winds of over 120 MPH

Rigid heavy-duty aluminum tubing.

THE ONLY OMNI-DIRECTIONAL ANTENNA THAT RADIATES FROM THE TOP ... NOT THE BOTTOM

Omni-directional base station antenna. Top loaded. Power gain of 4db. S.W. R. 1.4:1 on all 23 channels. Maximum 1000 watts. Rugged aluminum construction. Wind survival; 100 MPH. Total length: 12ft. Shpg. Wt. 4 lbs.

OD-27A..... **29.35**

FRANCIS CB ANTENNAS

OCTOPUS

CB 88 OCTOPUS, a double half wave base antenna. Of 2 piece construction, the Octopus stands a full half wave high and the upper element is a half wave length, folded and center-fed. It terminates with an SO 239 and installs by clamping the fiberglass isolating stub to 3/4" pipe. CAUTION: Leave a 2" gap between the antenna and support pipe for effective isolation.

CB 88..... **32.50**

AMAZER

CB 50 AMAZER, a half wave, folded and center fed 8' whip. It has an excellent VSWR match to the mobile unit and is a rich mahogany color.

CB 50..... **10.95**

HOT ROD

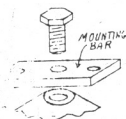
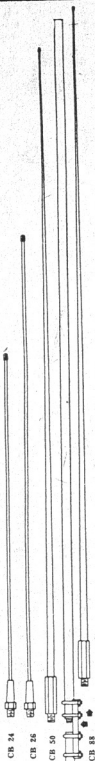
CB 26 HOT ROD, a half-wave length, folded center-fed fiberglass whip, dielectrically and inductively compressed to about 5.5'. Similar to our CB 50 AMAZER construction. Fiery orange.

CB 26..... **10.95**

WOOFER

CB 24 WOOFER, similar to our AMAZER and HOT ROD constructions, but compressed to about 4'. Fiery orange.

CB 24..... **9.50**



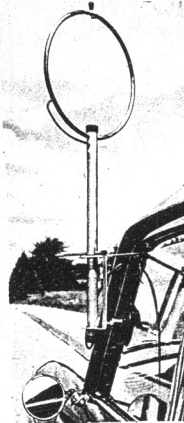
FRANCIS DI-BAR

M 20..... **2.75**

SIGNAL HUNTER

Direction-finding Antenna

- Tracks any signal without triangulation
- Mounts on car in seconds
- Simple, fool-proof operation



Club Activities- For club-sponsored self-policing and education committees who want to track down "gabbers" and other rule-breakers or trace interference from leaking power pole insulators, neon signs or electrical machines. Emergency Uses - Find lost or stranded motorists quickly when minutes count. Locate boats in distress, day or night. Just follow the pointer. Jamboree and Rally Competitions - Hunt hidden transmitters using Part 15 Handle - Talkie transmitters. An exciting, challenging group event! One member takes Handle-Talkie to a hidden location. At a given time, he begins sending. Competing stations located in the field race to track him down. Contests can be based on the least time taken to locate the hidden transmitter.

GLC-1043..... **12.39**

SHAKESPEARE BIG STICK

FREE 100 ft of RG-58U CABLE & 2 PL259 CONNECTORS

The dependable full half wave 2-section antenna for maximum aperture... Center fed, it keeps the signal on the ground... Remains isolated from environment by quarter wave choke stub, making it independent of mounting location and length of transmission cable... White fiberglass top whip and lower section with choke stub in base... 18 1/2 ft. overall... U-bolts for mounting on 1/2" diameter pipe... Female UHF connector.

176..... **32.29**

SHAKESPEARE THE PERFECT 36

Length: 36"
Mounting: 3/4" hole
Shipping Weight: 1 lb.

The 36" fiberglass roof-top mobile antenna has rugged solid-state construction and our patented parallel fiber process completely encloses this ultra-sensitive circuitry in a power-pack unit providing the maximum performance and range expansion. Fiberglass perma-durability eliminates problems caused in other antennas by moisture, rain, etc. Fiberglass flex-strength inhibits "set" damage on impact with door frames, low limbs, etc., insuring that our non-corrosive, anti-static antenna never gets "out of tune". In bringing this bold new shape to the market, we make no compromise between performance and structural make-up. We have created tomorrow's finest antenna today.

345 THE PERFECT 36..... **14.95**
345-1 With Trunk Mt..... **21.95**

SHAKESPEARE

FIBERGLASS

CB ANTENNA

Longer length, capacitor-matched 50 ohm whip, with nearly a 3/8 wave super-performance whip... 108" unit has dielectrically-loaded conductor, reducing electromagnetic propagation with the superb fiberglass insulating and durability properties through Shakespeare's division... 50 watts power rating... Super-flex White fiberglass with chrome brass hardware for easy installation. RG 58 or other 50 ohm coaxial cable.

181..... **10.24**

"QUICK-GRIP"

CB ANTENNA

ANTENNA SPECIALIST

M-176 Base loaded antenna with attractive gray jacket and chrome end fittings. Stainless steel spring. Stainless steel whip. Whip adaptor provides 1 1/4" adjustment for extra fine tuning. Antenna easily snaps into "Quick Grip" mount. Solderless lead connection at antenna. PL-259 at set end. 16 feet coaxial cable. Overall length 46".

M-176..... **20.53**

ANTENNA

SPECIALISTS

102" CB MOBILE

CHROME PLATED

ANTENNA

102" Professional size, chrome plated swivel base and chrome plated spring. Swivel ball has thick, one-piece Polyester Fiberglass insulator and steel back up plate. Water sealing gasket and mounting hardware furnished.

M-10..... **14.65**

SHAKESPEARE

FIBERGLASS

WHIPS

The WHIP is a full quarter wave antenna. Dielectric loading by the Columbia Products process packs full quarter wave efficiency in just 96". The WHIP clears obstructions lashed by 102" metal whips... stands erect at road speeds, to reduce road noises. Fiberglass sheath forms an effective barrier to precipitation static. White fiberglass and chrome plated brass ferrule with 3/8"-24 thread termination fits standard springs and ball mounts.

10-3... 96" Whip..... **8.47**

SHAKESPEARE

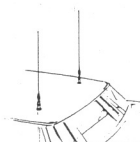
MOBILE CB FIBERGLASS ANTENNA

VIP... the antenna of distinction. Its coil embedded in fiberglass, the VIP does not chip or peel like plastic. Top-loaded antennas have performance proven that they are superior to base or centered loaded antennas where the car body obstructs the coil. VIP is the superior model for use when the antenna is to be mounted below the roof line. 1/4 wave top loading coil, white fiberglass utilizing Shakespeare process. Chromed brass 3/8"-24 thds. S.W.R.: 1:5 to 1 when mounted on auto. Polarization: vertical. Frequency: 27 mc (CB Band). Power Rating: 150 watts. Fed with RG 58 or other 50 ohm coaxial cable. Length: 48". Shipping Weight: 9 oz.

VIP 173..... **6.81**

CO-PHASING

HARNESS KIT

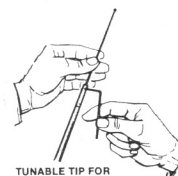


AVANTI

Consists of precision coax harness & connectors to mount any 2 mobile antennas correctly for a 25% increase in performance.

CO-PHASING HARNESS KIT..... **6.95**

avanti RACER MOBILES



(A) TUNABLE TIP FOR LOWEST POSSIBLE SWR (B) 4 TO CHOOSE FROM TO SUIT YOUR PARTICULAR REQUIREMENTS (C)

TECHNICAL DESCRIPTION: Top loaded quarter wave antenna. HEIGHT—Available in 3 lengths: 48", 72" and non-tunable 105" SWR—Tunable to 1:1 MOUNTING—Standard 3/8"-24 thread fits Racer Snap Mount CONSTRUCTION—Military grade extra strength fiberglass shafts.

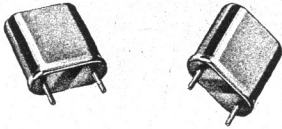
(A) RACER 4..... **10.25**

(B) RACER 6..... **11.25**

(C) RACER 105 (non-turnable)..... **10.95**

FREE BONUSES

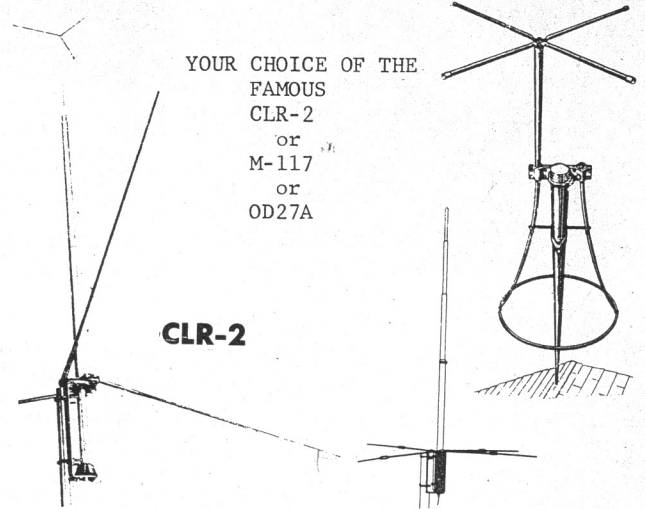
BONUS A



**WE WILL FILL YOUR
UNIT WITH CRYSTALS**

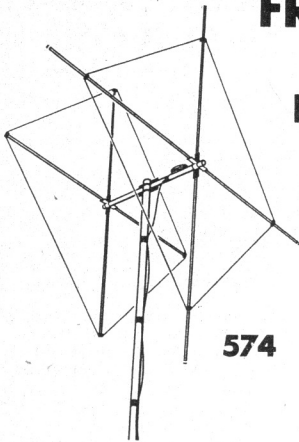
We will supply you with enough crystals to fill your unit.
It's Easy: Look for FREE BONUS "A" under the unit you wish to buy and get all the crystals FREE!!!!

FREE BONUS B



YOUR CHOICE OF THE
FAMOUS
CLR-2
or
M-117
or
OD27A

FREE BONUS C HY-GAIN ELIMINATOR



574

MECHANICAL	
Spreader Length Overall	
Driven Element	17'8"
Reflector Element	13'3"
Boom Diameter	1 1/4"
Turning Radius	9'2"
Mast Bracket Accommodates	1 1/4" to 1 1/2"
Wind Survival	in excess of 90MPH
Net Weight	17 lbs.
ELECTRICAL	
Gain	9 db.
Forward Polar Selectivity Gain	15 db.
Power Multiplication Factor*	7.9
Front-to-Back Rejection	30 db.
Vertical to Horizontal Separation	15 db.
SWR at Resonance	1.24:1
Coaxial Feedline	52 ohm

SEE DESCRIPTION IN GENERAL CATALOG

REQUIREMENTS FOR A BONUS

1. Must send money order or check.
2. Indicate what free Bonus you desire.
3. Specify channel numbers, when ordering Bonus "A".
4. Allow for shipping weight of your bonus. Limit one free bonus per unit.

**BONUS \$D WORTH
\$12.00**

If BONUS D is offered with unit that you purchase from us, you may apply \$12.00 toward any merchandise in this catalog. Bonus void on trade-in deals. Limit ONE free bonus per unit.

**BONUS \$E WORTH
\$23.00**

If BONUS E is offered with unit that you purchase from us, you may apply \$23.00 toward any merchandise in this catalog. Bonus void on trade-in deals. Limit ONE free bonus per unit.

**BONUS \$F WORTH
\$35.00**

If BONUS F is offered with unit that you purchase from us, you may apply \$35.00 toward any merchandise in this catalog. Bonus void on trade-in deals. Limit ONE free bonus per unit.

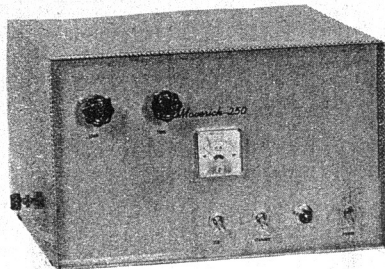
**BONUS \$G WORTH
\$45.00**

If BONUS G is offered with unit that you purchase from us, you may apply \$45.00 toward any merchandise in this catalog. Bonus void on trade-in deals. Limit ONE free bonus per unit.

LINEARS

PRACTICE COURTESY ON THE AIR - IT'S CATCHING

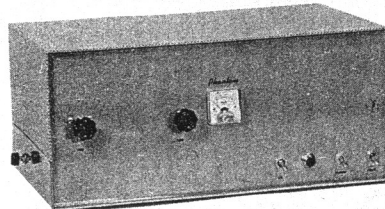
THE MAVERICK 250 WATT LINEAR AMPLIFIER



FREE
425 B-W
LO PASS
FILTER

Grounded-grid circuitry has the inherent ability to suppress distortion in tube-type linear amplifiers. AUTOMATIC RELAY SWITCHING. The MAVERICK 250 employs a unique switching circuit that will function equally well on AM, SSB, DSB AND FM. A relay time delay is required for SSB use. The MAVERICK 250 employs an in/out switch for standby use and also features a jack mounted on the rear of the chassis for remote relay operation. R.F. DRIVE POWER REQUIREMENTS: The linear amplifier will operate with drive power from 1/2 watt to 5 watts on AM. For SSB use, drive requirements for the MAVERICK 250 are from 1 1/2 watts P.E.P. to 18 watts P.E.P. The MAVERICK 250 operates on 115, volts A.C. POWER OUT. With 3 watts drive power on AM, The MAVERICK 250 will easily load to 250 watts output power and modulate to approximately 350 watts (depending on percentage of modulation from transmitter). On SSB, with 7 watts P.E.P. drive power, the MAVERICK 250 will deliver to your antenna 1,000 watts P.E.P. power. This unit illegal for use on Class "D" or Class "A" Citizens Band. This unit employs a SSB switch. Size: 10" wide, 12" long, 9" high. MAVERICK. SHIPPED BY EXPRESS OR BUS ONLY..... **244.95**

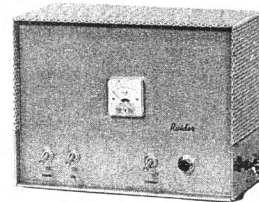
THE PHANTOM 500 WATT LINEAR AMPLIFIER



FREE 425 B-W
LO PASS FILTER

New metering circuitry on all models; meter deflects upward when properly loaded, downward when improperly loaded which greatly simplifies loading procedure. Functions equally well on AM, SSB, DSB, FM. This unit employs a SSB switch "Phantom" can be operated straight through when filaments are off. The "Phantom" has very similar characteristics to the "Maverick". DRIVE REQUIREMENTS: Minimum recommended power: 1 watt - AM. 1 1/2 watts - (P.E.P.) SSB. Maximum recommended power: 4 1/2 watts - AM. 16 watts - (P.E.P.) SSB. EXPECTED OUTPUT POWER: in excess of 500 watts on AM with 3 1/2 watts drive power. In excess of 2,000 watts (P.E.P.) on SSB with 16 watts (P.E.P.) drive power. This unit illegal for use on Class "D" or Class "A" Citizens Band. Buy a "Phantom" and be "King of the Road". W. 30 3/8", L. 17 1/8", H. 7 1/2". Wt. 50 lbs. PHANTOM....SHIPPED BY EXPRESS OR BUS ONLY..... **349.95**

THE RAIDER 100 WATT LINEAR AMPLIFIER



FREE
42T0123
LO PASS
FILTER

AUTOMATIC RELAY SWITCHING. The "RAIDER" employs a unique switching circuit that will function equally well on AM, SSB, DSB, and FM. A relay time delay is required for SSB use, a feature that is built into all "RAIDER" amplifiers. The "RAIDER" employs an in/out switch for standby use and also features a jack mounted on the rear of the chassis for remote relay operation. The "RAIDER" operates on 115 volts A.C. For mobile use, a 300 watt inverter is required. POWER OUT. With 3 watts drive power on AM, the "RAIDER" will easily load to 100 watts output and modulate to approximately 150 watts (depending on percentage of modulation from transmitter). On SSB, with 6 watts P.E.P. drive power, the "RAIDER" will deliver to your antenna 400 watts P.E.P. power. This unit employs a SSB switch. This unit illegal for use on Class "D" or Class "A" Citizens Band. Size W. 5 5/8", L. 10 1/8", H. 7 1/2". Wt. 18 lbs. RAIDER....SHIPPED BY EXPRESS OR BUS ONLY..... **149.95**

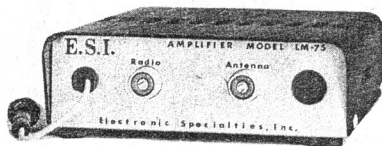


BLACK BART LINEAR AMPLIFIER

ILLEGAL ON CITIZENS BAND

100 Watts maximum output. Automatic antenna changeover relay. 18 d.b. power gain. Will operate with less than 1 watt input. Will operate with both AM and SSB. Double grounded - grid 6JG6A's.. Pi network output. Power consumption 117v.-250 w. Wt. 14 lbs. **99.95**
SHIPPED BY EXPRESS OR BUS ONLY **109.95**
6801 12 V DC.....Mobile.....

THE SIX-BIT LINEAR



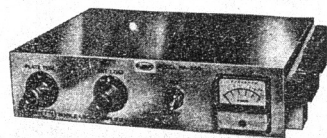
MOBILE
Illegal on CB Bands

75 WATTS out THAT IS!

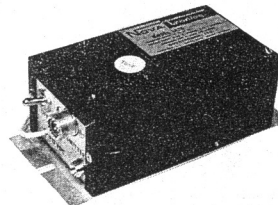
Here's a hot new number from E.S.I. it has most of the features of its big brother, the LM-90, but in an economical new package. Packing a full 75 watts out with 4 watts in, this amplifier is built to give top-notch performance under extreme operating environments. All Modes of Operation-AM, FM, SSB. Low receive current drain. Operates with inputs as low as 1/2 watts and high as 15 watts. Dependable combination-beam power output tubes and transistorized power supply and keyer. Comes complete with hardware and power cord. Operating Voltage: 13.2 VDC. Standby current drain: 2 A. Maximum current drain: 18 A. Maximum output: 75W. Maximum gain: 16 DB. Frequency range: 21-60 MC. Size: 2" x 6" x 8". Weight 5 lbs. LM-75..... **109.50**

LAFAYETTE MOBILE LINEAR AMPLIFIER

ILLEGAL ON CITIZENS BAND
7" D. x 9" W. x 2" H. **79.95**
Model HA-250.....



20 WATT SOLID STATE MOBILE AMPLIFIER



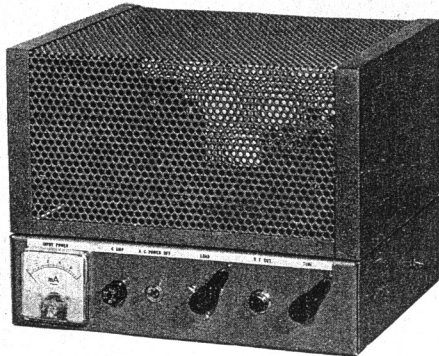
Novatronics has developed a low power solid state linear amplifier for business use. Increases transmitting range 10-12 times, easy to install. Requires no modifications to existing FCC approved equipment. Will work on any signal of 1 watt or more. AM, FM, SSB, DSB, or CW. Multiplies your power by 6 times. Broadbanded for 26-28 MHz range. Absolutely no external switching required. Won't run car battery down if accidentally left on. Small, compact, 3 1/8" x 5 1/2" x 2 1/2" high. Supplied Negative ground only. 12 volts DC. Power Input- 1-8 watts. Power output: 6-45 watts. Input impedance, 50 ohms. Output impedance 50 ohms. Volts DC input 12. Small inconspicuous, can be mounted on fire-wall of car and left ON at all times since idling current is only 40 microamperes. This unit is illegal for use on Class "D" or Class "A" Citizens Band. LA-26..... **89.50**

WE HONOR BANKAMERICARD, BANKMARK AND VALLEY NATIONAL.

PRACTICE COURTESY ON THE AIR. IT'S CATCHING.

ELENCO BI LINEAR

FREE
425 B-W
LO PASS
FILTER



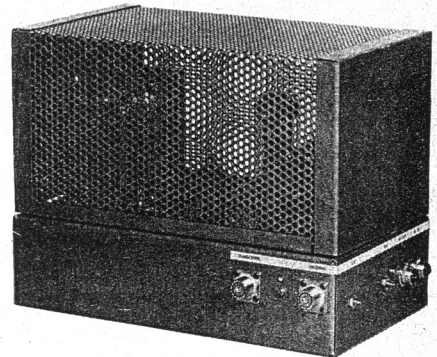
LR-5

ILLEGAL ON CITIZENS BAND
Up to 300 watts carrier output, depending on available RF drive power and mode. 4 S units gain on receive. Connects in coax line between transceiver and antenna. Automatic electronic switching transmit to receive. Set-and-forget tuning. Relay delay circuit to help curb relay dropout during side-band operation. Can be operated up to 100 feet away from transceiver. Will operate mobile with 12V DC to 115V AC inverter. 117V 60 cycles self contained. Size: 9" H x 12" W x 10" D. Shpg. Wt: 27 lbs.

LR-5..... **249.95**

ELENCO BI LINEAR

FREE
42T0123
LO PASS
FILTER



LR-1

ILLEGAL ON CITIZENS BAND

Connects in coax line between transceiver and antenna. Automatic electronic switching. 10 times (10db) power gain on transmit signal, up to 60 watts carrier output, depending on RF drive power and mode. 3 S units gain on received signal. Factory tuned, ready to go into 50 ohm coax. Can be operated remote control. Will operate mobile with 12V DC to 115V AC inverter. 117V AC 60 cycle self contained. Size: 9" H x 7" W x 12" D. Shipping Wt: 19 lbs.

LR-1..... **129.95**
RSC-1 Remote Control Switch..... **19.95**



50 WATT LINEAR



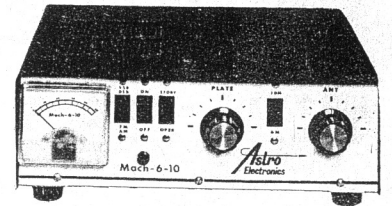
MACH ONE 10/11 Meter 50 Watt Linear has a single grounded-grid 6LQ6 final tube. AM/SSB switch. Transistorized keying requires only 1/2 watt of excitation. Ideal size for mobile use! DC model comes with Transistorized Power Supply and heavy duty mobile mounting brackets. Approximate dimensions: 3"H, 8"W, 9"D. (Illegal for use on 11 Meters in USA.) Shipping wt. 10 lbs.

MACH ONE - AC 110 volt Base Linear..... **89.95**
MACH ONE - DC 12 volt Mobile Linear... **99.95**



110 WATT LINEAR

FREE
42T0123
LO PASS
FILTER



MACH 6-10 110 vac Linear features a special change-over circuit for SSB/DSB or AM/FM operation. A pair of grounded-grid 6LQ6 final tubes deliver up to 200 watts input on AM and 400 watts PEP input on SSB. Up to 100 watts output on AM. Transistorized keying means you can drive it with as little as 1/2 watt. Band switch for 6 or 10/11 Meter operation. (Illegal for use on 11 Meters in USA.) Relative power output meter for easy tuning. Approximate dimensions: 4"H, 10 1/2"W, 10"D. Shipping wt. 16 lbs.

MACH 6-10 - AC 110 Volt Base Linear. **149.95**

TRADE-INS ACCEPTED

WE HONOR BANKMARK, BANKAMERICARD, AND VALLEY NATIONAL

LINEARS

PRACTICE COURTESY ON THE AIR. IT'S CATCHING.

PALOMAR 150 WATT MOBILE BI LINEAR



ILLEGAL ON CITIZENS BAND

FREQUENCY RANGE - 26 Mhz to 54 Mhz. OUTPUT POWER - 150 watts into 50-72 ohm load with 3 watts R.F. drive FM or CW. 300 watts PEP AM or SSB. INPUT POWER - 13.6 VDC. DESCRIPTION - Stable grounded grid circuitry provides a minimum transmitted power gain of 50 times throughout the tuning range. Will work on any signal of 1 watt or more. Silicon Transistor pre-selector provides an approximate gain of 10 times on received signal. Automatic switching using R.F. power from your transceiver - no internal connections are required to your existing equipment. Self-contained 12 VDC negative ground power supply. Illuminated front panel meter indicates relative R.F. strength of transceiver and Linear Amplifier. Dependable pi output circuitry for easy tune-up. TUBE COMPLEMENT - (1) 12JB6A (2) 6LQ6. Transistors and Diodes - (1) 2N55 (2) 2N2731 (4) 1N4005 or equiv. (2) 1N270 or equiv. (3) Silicon Diodes. Size 4" H. 10 3/4" L, 10" W. 14 lbs.

MODEL 150... Negative Ground Only..... **219.95**
Model 160 Bi Linear Base..... **199.95**

PALOMAR BI LINEAR AMPLIFIER



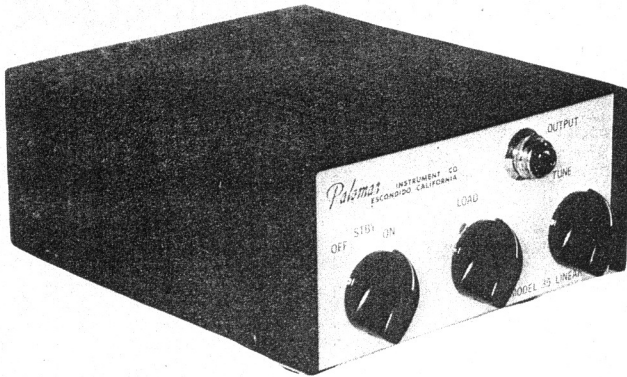
ILLEGAL ON CITIZENS BAND

FREQUENCY RANGE - 26 Mhz to 54 Mhz. OUTPUT POWER - 50 watts into 50-72 ohm load with 3 watts R.F. drive FM or CW 100 watts PEP AM. INPUT POWER - Receiving 12.6 VDC at 1.2 AMPS 15 watts. Description - Stable grounded grid circuitry provides a minimum transmitted power gain of 10 times throughout the tuning range. Will work on any signal of 1 watt or more. Silicon Transistor pre-selector provides an approximate gain of 10 times on received signal. Automatic switching using R.F. power from your transceiver, no internal connections are required to your existing equipment. Self-contained 12 VDC negative ground power supply or 117 VAC power supply. Illuminated front panel meter indicates relative R.F. strength of transceiver and Linear Amplifier. Dependable pi output circuitry for easy tune up. Wt. 12 lbs.

Model 50..... 12.6 VDC..... **148.95**
Model 60..... 117 VAC..... **148.95**

PALOMAR 35

WATT MOBILE LINEAR 12 VOLT NEGATIVE GROUND



ILLEGAL ON CITIZENS BAND

FREQUENCY RANGE - 26 Mhz to 54 Mhz. OUTPUT POWER - 35 watts into 50-72 ohm load with 3 watts R.F. drive FM or CW. -70 watts PEP AM or SSB. INPUT POWER - Transmitting - 13.6 VDC at 11 amps. Standby - 13.6 VDC at 0.6 amps. DESCRIPTION - Stable grounded grid circuitry provides a minimum transmitted power gain of 10 times throughout the tuning range. Will work on any signal of 1 watt or more. Automatic switching, using R.F. power from your transceiver - no internal connections are required to your existing equipment. Self-contained 12 VDC negative ground power supply. Lamp on front panel indicates relative R.F. strength of linear amplifier. Dependable pi output circuitry for easy tune-up. Size 3 1/2" H, 6 3/4" L, 6" W. Wt. 6 lbs.

PALOMAR 35..... **89.95**

CONTEX " 150 " LINEAR AMPLIFIER



FREE 425 BW LO PASS FILTER

MODERN CONVECTION COOLING

ATTRACTIVE - RUGGED MODERN DESIGN

AM - FM - SSB

OVER 300 WATTS INPUT TO FINAL

USES FOUR RUGGED 6JG6A TUBES

3 WATTS INPUT GIVES 150 WATTS OUT

OPERATES ON LESS THAN 1 WATT

AUTOMATIC ANTENNA CHANGE-OVER RELAY

PI NETWORK OUTPUT

POWER CONSUMPTION-750 WATTS-117V

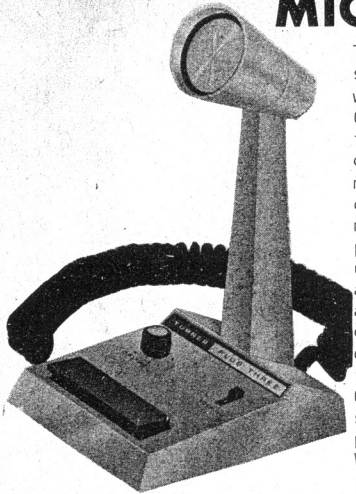
ILLEGAL ON 11 METERS

Shipping wt. 23 lbs. **189.00**

6915 25-40 MHZ.....

WE HONOR BANKMARK, BANKAMERICARD AND VALLEY NATIONAL

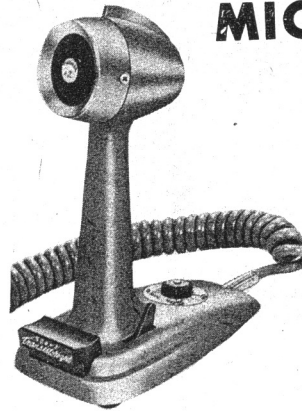
PLUS THREE BASE STATION MICROPHONE



The Plus Three has a newly designed transistorized pre-amp with volume control plus Modu-Gard--a new compression amplifier circuit. With the volume control set for the level of modulation desired, the user can talk close or far from the mike without varying the output signal or transmitter modulation. It's a good way to avoid violating FCC regulation against interfering with adjacent channels. 300-3000Hz frequency response. Three-conductor (1 shielded) coiled cord. Comes complete with wiring instructions for more than 100 popular transceivers. Shpg. Wt. 3 pounds.

Plus Three..... **44.10**

TURNER +2 CB BASE STATION MICROPHONE



Now, from Turner comes the very finest base station microphone ever designed. The +2 features a two transistor preamp with volume control to give you up to 50 times the output level you now have. Yes, just dial your desired signal for maximum modulation all the time, every time. You can work close or far away from this microphone, or change the output for a big or little voice. Eventually, all sets lose some of their initial power. Turner's +2 puts the zip back into your set and keeps it up to full strength at all times. The +2 has tailored frequency response of 300-3500 cps. for best and clearest voice transmissions with knocked down local noise interference. Exclusive touch-to-talk or lock on-off switching the +2 works with all tube or transistor sets regardless of switching requirements or type. Shpg. Wt. 3 lbs.

E175 battery for +2 Mike
Each..... \$1.20

Turner "+2"..... **29.95**

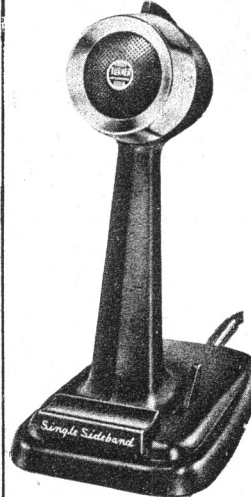


TURNER M+2/U CB MOBILE MICROPHONE

Now a mobile microphone that complements the performance of the Turner +2. Turner's New M+2 has a completely self-contained, built-in two transistor pre-amp with volume control to let you adjust your modulation for the best performance possible out of your set. An excellent item for owners of Turner's +2 base station model. The M+2 has the same tailored frequency response of 300-3,500 cps. as the +2 for the clearest voice transmissions. Buy the new M+2 for your mobile transceiver and get the best and most powerful transmissions ever. Battery, dash bracket, 5 foot coiled cord, and instructions included.

Shipping Wt.: 1 lb.
M+2/U wired for relay switching..... **22.95**

Shipping Wt.: 1 lb.
J-M+2 (for sets with electronic switching)..... **22.95**

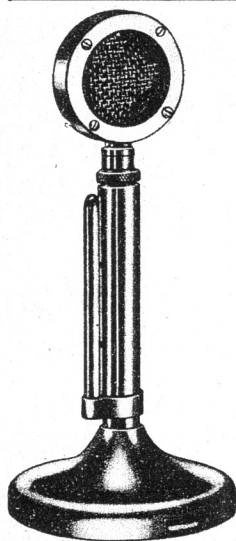


TURNER CB BASE STATION MICROPHONE

FOR BOTH RELAY AND
ELECTRONIC SWITCHING

Outstanding base station microphone. Single side-band. (Limited to voice) frequency response of 300-3000 C.P.S. Attractive telephone black satin finish on all metal alloy case. May be wired for VOX. Comes wired for push to talk. Has extra lock-on switch for continuous transmission. Complete with, coiled cord (three conductor, one shielded). Output level is -48 db. This "tailored" response curve is your guarantee of maximum voice intelligibility. Wt. 3 lbs.

-454 X..... **18.50**



ASTATIC CB BASE STATION MICROPHONE

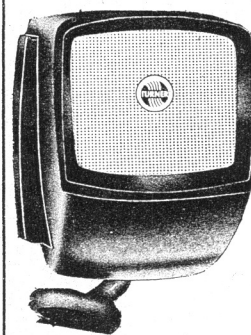
Machined brass parts; heavy mesh grille; chrome finish. Standard 5/8" -27 thread mounting; adaptable to SC-11 lock-switch adapter or can be mounted on Model G or UG-8 (grip to talk) stand. Metal seal crystal offers protection against moisture and dryness. 3" diameter. 1 1/8" deep. Complete with 5' single conductor shielded cable. Output: -46 db. Impedance: 1-5 megs. Response: 30-7,500 cps rising 500-4,000 cps. Wt. 14 oz.

GD-104 Crystal with G stand..... **29.95**

D-104 Head only (crystal)..... **18.20**

Stand, SPST on-off switch, gliding bar for "lock-in". Bright chrome..... **14.60**

G..... **17.60**
UG-8 Stand same as Model G, with DPDT Switch.....



TURNER 360 CB MOBILE MIKE

Small mobile type communications microphone, ceramic type designed to reduce size and weight to a minimum. Rugged cyclac case and heavy duty cord. Response is 300-3000 CPS; output level--54 db. Wired for relay switching.

360.. Shipping Wt.: 1 lb..... **7.95**

Shipping Wt.: 1 lb.
J360 (Electronic Switching)..... **7.95**

Shipping Wt.: 1 lb.
360 (Hi-Cap Low z)..... **8.95**



CB MOBILE MICROPHONE

High style inexpensive mobile microphone with grip-to-talk handy switch. The easiest, most convenient switch function on today's market. More comfortable to hold, more comfortable to use. The 355C features an output level of -50 db. It's extra hot for high gain signals. Response 80-7,000 cps. Complete installation instructions enclosed. Shipping wt. 1 lb.

Shipping Wt.: 1 lb.
Turner 355C..... **7.95**

ALNICO MAGNETIC MIKE HOLDER



Here is an economical magnetic mike holder strong enough for any practical application. Powerful alnico magnet secures to any steel surface on automobile dash or transceiver. Fits standard microphone hanger button. Measures 1 1/2" wide x 1 3/4" high.

18-159..... **98**

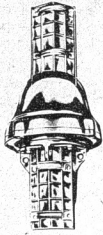


REPLACEMENT DASH BRACKET

Universal spring tension clip dash bracket. No screws included.

C9035A-2..... **59**

CDR AUTOMATIC ROTOR SYSTEM



DESIGNED FOR

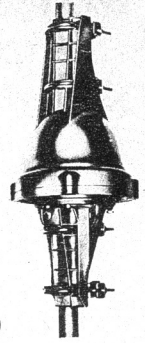
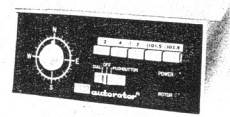
HOME

ENTERTAINMENT

AUTOMATIC SYSTEM...The antenna is positioned by simply setting a dial at the compass point desired. Precision gears, mechanical brake that releases magnetically. Reversible clamps will handle 7/8" to 2" masts. Motor reverses instantly. Uses 4 Wire Cable.

AR-22R..... **33.95**
1483 100 ft. of 4 Wire Cable.....3.98

CDR AUTOMATIC CONTROL ROTOR

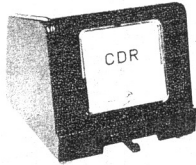
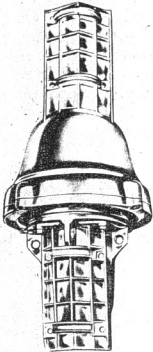


Push button operation up to 5 locations adjustable to any five directions. 360° compass dial, operation. Can't be blown off station while control is on. PERFECT FOR COLOR TV.

AR-33...Uses standard 5 Wire Cable..... **49.50**
100 ft. of 5 Conductor Wire.....7.90

CDR "HAM-M" BEAM ROTOR SYSTEM

DESIGNED SPECIALLY FOR "HAM" OPERATORS



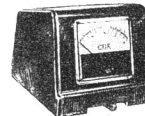
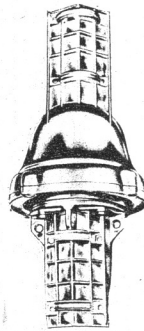
The ROTOR is rugged, reliable, and precise..the best available for amateur use. Heavy duty; supports 1000 pounds of dead weight..positive brake locks rotor in position. Takes mast sizes up to 2-1/16" O.D., and will support and operate the heaviest amateur beams available. The CONTROL is sensitive and accurate. Provides for rotation through a complete 360° range.

Position of the antenna indicated by meter reading. Uses 8 Wire Cable.

HAM-M..... **117.11**
1039 100 ft. of 8 Wire Cable.....7.90

CDR INTERMEDIATE AMATEUR MODEL

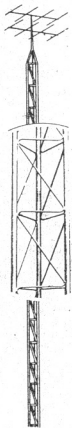
DESIGNED SPECIFICALLY FOR AMATEUR USE



Although dimensionally identical to CDR TV rotors, the TR-44 has been designed specifically for intermediate amateur requirements. It greatly surpasses TV rotors in wind resistance, torque and dead weight capability. In addition it features a positive braking system built into the motor unit. The control is precisely calibrated to provide for rotation and indication through a complete 360° range. Uses 8 Wire-Cable.

TR-44A..... **64.95**
1039 100 ft. of 8 Wire Cable.....7.90

NO. 25 CB TOWER & ACCESSORIES



Extra heavy duty heavy gauge steel tubing of 1 1/2" used for side rails. Is self-supporting provided a house bracket is used. Tower can go 35 feet above such bracket under normal conditions. Under most guyed conditions the No. 25 is suitable to heights of 200 feet. Uses a 12 1/2" equilateral triangular design with solid steel "zig-zag" cross pieces entirely electric welded and fabricated by precision machines. Has 8 "zig-zag" steps per 10' section for more than usual strength. Hot dipped zinc galvanized permanent finish. Rust-Proof.

10 Ft. Tower Selection. Wt. 40 lbs. **19.00**
25G (Arizona add \$2.00 to price).....
Top Section 9 Ft. Length 31 lbs. **20.00**
25AG (Arizona add \$2.00 to price).....
Top Section 8 Ft. Length. Upper end ending in 1 1/2" diameter-flat circular plate with 2 1/2" diameter hole in center. **24.00**
25AG-4 (Arizona Price \$26.00)
25AG-4.....

TELESCOPING MASTS

Available in 30 to 50 ft. lengths. The clamps firmly support each section as it is pushed up, holding it in place that it does not slip down. When the section is fully extended, this clamp is tightened down with "L" bolt to permanently hold the section in place. A heavy duty cotter pin is then inserted for additional support. Guy rings are on top of crimped area of each section except for the bottom section No. 2 drawing, in which a die-flanged area supports the lower guy ring so that the mast may be guyed before the other sections are hoisted. Only heavy-duty, hot dipped galvanized steel tubing is used. Ready for instant erection, all that is required is pull the sections up, tighten the clamp and place the cotter pin. 1 1/2" section is 15 gauge tubing, all other sections are 17 gauge tubing. 1 1/2" to 1-3/4" tubing.

ETMD-30 30 Ft. High..... **11.80**
1 1/2" to 2 1/2" tubing. **21.15**
ETMD-50 50 Ft. High.....
ARIZONA add \$1.00 to prices)

ACCESSORY SHELF

Circle plate with 2 1/2" hole to mount heavy rotor or mast bearing. Mount inside of tower. Wt. 5 lbs. **9.50**
AS-24G.....

ADJUSTABLE HOUSE BRACKET

Added support to prevent adverse affects from freezing and loose-ground. Adjustable 15" to 24" Wt. 10 lbs. **5.75**
BP-25G.....

HINGED BASE PLATE

Holes are provided in the plate for anchor bolting to a firm base such as a concrete slab. Wt. 15 lbs. **21.50**
BPH-25G.....

DRIVE-IN BASE PLATE

Base plate is set on top of ground. 3-4' drive rods are driven into ground. Must be guyed or bracketed. Wt. 10 lbs. **5.75**
BP-25G.....

SET OF 3 DRIVE RODS'

4 ft. length. Use with BP-25G. Wt. 8 pounds. **5.35**
DR-25G.....

GUYING ASSEMBLY TORQUE BAR

Specially made for guy brackets for Rohn towers using "Zig-Zag" design. Makes guying easier and better. Takes strain off of tower legs and allows equal distribution of pull throughout bracket. Use Torque Bar with Bracket. Attaches to guying-pin. Prevents twisting and turning, adds strength to your tower. Wt. 7 pounds. **7.25**
GA-25G.....

ROOF MOUNTS TRIPOD



Installation is simple and easily accomplished by use of lag screws in the base plates. Towers are all assembled and ready to install in a moment. Lasting satisfaction with Hot Dipped Galvanized finished for masts to 1-3/4", 3 ft. high. Wt. 14 lbs. **4.95**
TRT-36.....
TRT-36 (Arizona Price).....5.95
5 ft. high. Wt. 23 lbs. **7.70**
TRT-60.....
TRT-60 (Arizona Price).....8.70

ANTENNA MAST TUBING

ROHN. Hot dipped galvanized antenna mast. 16 gauge heavy duty. 1 1/2" dia. expanded end and locking joint. **1.29**
1605BN 5 Ft.....
1610BN 10 Ft..... **2.25**

TOWERS AND MASTS SHIPPED BY MOTOR FREIGHT ONLY

WE HONOR BANKAMERICARD AND BANKMARK AND VALLEY NATIONAL

POSTAGE

POSTAGE GUIDE

Find the first three digits of your Zip Code and you will find your Parcel Post Zone from Kansas City in the table below. Then refer to the Parcel Post Rates listed below for Postage on your order. Insurance rates are listed below also.

Zip Code	Zone	Zip Code	Zone	Zip Code	Zone	Zip Code	Zone	Zip Code	Zone	
006-009.....8	308-326.....5	498-499.....4	620-623.....3	725-731.....3	850-853.....6	010-046.....6	327-339.....6	624.....4	734-736.....4	855-863.....5
047.....7	350-359.....4	500-507.....3	625-634.....3	737-738.....3	864.....6	048-098.....6	360-368.....5	635.....2	739.....4	865-880.....5
100-129.....6	369-374.....4	510-514.....3	636-639.....3	740-746.....3	881.....4	130-132.....5	376-379.....5	640-641.....1	747.....4	882-883.....5
133-136.....6	380-394.....4	515-516.....2	644-645.....1	748-749.....3	884.....4	137-179.....5	396-397.....4	646.....2	750-768.....4	890-898.....6
180-181.....6	400-410.....4	530-537.....4	647.....1	769-777.....5	900-933.....6	182.....5	411-412.....5	648-653.....2	778.....4	934.....7
183.....6	413-414.....4	538.....4	649-655.....3	779-789.....5	935-937.....6	184-188.....5	420-432.....4	654-655.....3	790-796.....4	939-955.....7
189-194.....6	433.....4	561.....3	656-658.....2	797-799.....5	956-958.....6	195-199.....5	434-436.....4	659-662.....1	800-812.....4	959-960.....7
200-217.....5	437-449.....4	562-566.....4	664-674.....2	813-816.....5	961.....6	218.....6	440-442.....4	675-676.....3	820-822.....4	962-966.....7
219.....6	450-455.....4	567.....5	677.....4	823-826.....5	967-969.....8	219-278.....5	456-457.....4	679.....4	827.....4	970-976.....7
279.....6	458-478.....4	584-585.....4	680-685.....2	828-832.....5	977-979.....6	280-299.....5	480-487.....5	686-689.....3	833.....6	980-987.....7
300-306.....5	488-496.....4	586-595.....5	688-689.....3	834.....6	988-994.....8	307.....4	497.....5	690-693.....4	835-838.....6	995-999.....8
		613.....4	700-708.....5	840-847.....5				614-616.....3		
		617-619.....4	710-724.....4					618.....4		

PLEASE INCLUDE

INSURED PARCEL POST (Add to Postage).

POSTAGE AND

Liability:
 \$0.01 to \$15.....\$0.20
 \$15.01 to \$50......30

INSURANCE WITH

\$50.01 to \$100......40
 \$100.01 to \$150......50
 \$150.01 to \$200......60

YOUR ORDER

No C.O.D. orders under \$50.00. 25% deposit required. No Picture Tubes sent C.O.D.

REA EXPRESS & MOTOR FREIGHT INSTRUCTIONS

For shipments exceeding parcel post limits. Non-mailable items will be sent to you by Motor Freight or REA express. We suggest that you check with these local carriers to determine the service available for delivery in your areas. Do not enclose money for Motor Freight or Express. Shipping charges will be collected by the carrier.

U.P.S.

WE WILL SHIP BY UNITED PARCEL SERVICE IF YOU REQUEST AND IF YOUR AREA IS SERVICED BY UNITED PARCEL SERVICE.

FOURTH-CLASS (PARCEL POST) ZONE RATES

Pounds	1 and 2	3	4	5	6	7	8
2.....	\$0.60	\$0.60	\$0.65	\$0.70	\$0.80	\$0.85	\$0.90
3.....	.65	.70	.75	.85	.95	1.05	1.15
4.....	.70	.75	.85	.95	1.10	1.20	1.35
5.....	.75	.80	.90	1.05	1.25	1.40	1.60
6.....	.80	.90	1.00	1.15	1.40	1.55	1.75
7.....	.90	.95	1.10	1.30	1.50	1.75	1.95
8.....	.95	1.00	1.15	1.40	1.65	1.90	2.15
9.....	1.00	1.05	1.25	1.50	1.80	2.05	2.35
10.....	1.05	1.15	1.35	1.65	1.90	2.25	2.55
11.....	1.10	1.20	1.40	1.75	2.00	2.40	2.75
12.....	1.15	1.25	1.50	1.85	2.15	2.55	2.90
13.....	1.20	1.35	1.55	1.95	2.25	2.70	3.10
14.....	1.25	1.40	1.65	2.05	2.40	2.85	3.25
15.....	1.30	1.45	1.75	2.15	2.50	3.00	3.45
16.....	1.35	1.55	1.80	2.25	2.60	3.15	3.60
17.....	1.40	1.60	1.90	2.35	2.75	3.30	3.80
18.....	1.45	1.65	1.95	2.45	2.85	3.45	4.00
19.....	1.50	1.75	2.05	2.55	2.95	3.60	4.15
20.....	1.55	1.80	2.10	2.65	3.10	3.75	4.35
21.....	1.60	1.85	2.15	2.75	3.20	3.90	4.50
22.....	1.65	1.90	2.25	2.80	3.30	4.05	4.70
23.....	1.70	1.95	2.30	2.90	3.40	4.20	4.85
24.....	1.75	2.00	2.35	3.00	3.55	4.35	5.00
25.....	1.75	2.05	2.45	3.05	3.65	4.50	5.20
26.....	1.80	2.05	2.50	3.15	3.75	4.65	5.35
27.....	1.85	2.10	2.55	3.25	3.90	4.80	5.55
28.....	1.90	2.15	2.60	3.35	4.00	4.90	5.70
29.....	1.90	2.20	2.70	3.40	4.10	5.05	5.90
30.....	1.95	2.25	2.75	3.50	4.20	5.20	6.05
31.....	2.00	2.30	2.80	3.60	4.35	5.35	6.25
32.....	2.05	2.35	2.90	3.65	4.45	5.50	6.40
33.....	2.10	2.40	2.95	3.75	4.55	5.65	6.55
34.....	2.10	2.45	3.00	3.85	4.65	5.75	6.75
35.....	2.15	2.50	3.05	3.95	4.80	5.90	6.90
36.....	2.20	2.55	3.15	4.00	4.90	6.05	7.10
37.....	2.25	2.60	3.20	4.10	5.00	6.20	7.25
38.....	2.25	2.65	3.25	4.20	5.10	6.35	7.40
39.....	2.30	2.70	3.35	4.25	5.25	6.45	7.60
40.....	2.35	2.75	3.40	4.35	5.35	6.60	7.75
41.....	2.40	2.80	3.45	4.45	5.45	6.75	7.90
42.....	2.45	2.80	3.50	4.55	5.55	6.90	8.10
43.....	2.45	2.85	3.60	4.60	5.70	7.05	8.25
44.....	2.50	2.90	3.65	4.70	5.80	7.15	8.40
45.....	2.55	2.95	3.70	4.80	5.90	7.30	8.55
46.....	2.60	3.00	3.75	4.90	6.00	7.45	8.70
47.....	2.60	3.05	3.85	4.95	6.10	7.60	8.90
48.....	2.65	3.10	3.90	5.05	6.25	7.75	9.05
49.....	2.70	3.15	3.95	5.15	6.35	7.85	9.20
50.....	2.75	3.20	4.05	5.20	6.45	8.00	9.35
51.....	2.75	3.25	4.10	5.30	6.55	8.15	9.50
52.....	2.80	3.30	4.15	5.40	6.65	8.25	9.70
53.....	2.85	3.35	4.20	5.45	6.80	8.40	9.85
54.....	2.85	3.40	4.30	5.55	6.90	8.55	10.00
55.....	2.90	3.45	4.35	5.65	7.00	8.65	10.15
56.....	2.95	3.50	4.40	5.70	7.10	8.80	10.30
57.....	2.95	3.55	4.50	5.80	7.20	8.90	10.50
58.....	3.00	3.60	4.55	5.90	7.35	9.05	10.65
59.....	3.05	3.60	4.60	5.95	7.45	9.20	10.80
60.....	3.05	3.65	4.65	6.05	7.55	9.30	10.95
61.....	3.10	3.70	4.75	6.10	7.65	9.45	11.10
62.....	3.10	3.75	4.80	6.20	7.75	9.55	11.30
63.....	3.15	3.80	4.85	6.30	7.90	9.70	11.45
64.....	3.20	3.85	4.90	6.35	8.00	9.85	11.60
65.....	3.20	3.90	5.00	6.45	8.10	9.95	11.75
66.....	3.25	3.95	5.05	6.50	8.20	10.10	11.90
67.....	3.30	4.00	5.10	6.60	8.30	10.20	12.10
68.....	3.30	4.05	5.15	6.70	8.45	10.35	12.25
69.....	3.35	4.10	5.20	6.75	8.55	10.50	12.40
70.....	3.40	4.15	5.30	6.85	8.65	10.60	12.55

POSTAGE WEIGHT LIMIT

BETWEEN 1ST CLASS POST OFFICES-40 lb. limit, 72" length and girth.
 TO ANY OTHER CLASS POST OFFICES-70 lb. limit, 100" length and girth.

REGENCY SCANNER MONITORADIO



**POLICE, FIRE,
 CIVIL DEFENSE,
 MARINE & WEATHER
 RADIO**

Our busy little radio will appeal to both the professional and hobbyist listening to the exciting FM signals of Police, fire, Civil Defense, marine and weather radio. Simply, push-button control for each channel, and for manual or automatic operation, enables this handsome receiver to be programmed to hear both sides of two-way radio conversations on a wide choice of crystal controlled frequencies. The Monitoradio/Scanner comes complete with AC and DC power cords, mobile bracket, removable telescoping antenna and 4" built-in speaker. External antenna and speaker terminals available on back panel. On/off/volume and adjustable squelch controls on front.

139.00
 Monitoradio Scanner Less Crystals.....
 Plug-in-type crystals #301-532, specify channel.....4.95

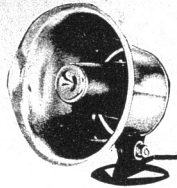
POLICY

OUR TERMS ARE CASH. MINIMUM C.O.D. ORDERS \$50.00 SEND 25% DEPOSIT ALONG WITH ORDER.
 ALL CASH DISCOUNTS HAVE ALREADY BEEN DEDUCTED IN OUR CATALOG QUOTATIONS.
 ALL PRICES ARE "NET" F.O.B. KANSAS CITY, MISSOURI.
 ALL ORDERS UNDER \$5.00 ADD \$1.00 HANDLING CHARGE. ALL ITEMS IN THIS CATALOG SUBJECT TO PRIOR SALE.
 IF YOU WANT TO SAVE C.O.D. FEES, SEND A BLANK CHECK MADE OUT TO "HENSHAW ELECTRONICS". WRITE ON THE FACE OF THE CHECK "NOT GOOD FOR MORE THAN (AN AMOUNT NEAR THE AMOUNT OF YOUR ORDER). WE WILL THEN FILL OUT YOUR CHECK FOR THE EXACT AMOUNT OF YOUR ORDER PLUS POSTAGE.
 WE WILL REFUND ANY UNUSED AMOUNT.
 ALLOW 10 DAYS FOR BOOKKEEPING DEPARTMENT TO PROCESS REFUNDS.
 WHEN WRITING ABOUT MERCHANDISE PLEASE GIVE INVOICE NUMBER AND DATE OF PURCHASE.
 ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE.
 EASY TERMS THROUGH PUBLIC, DIAL, MURPHY FINANCE, ETC., TO RESIDENTS OF KANSAS CITY AND PHOENIX, ARIZONA ONLY.
 WE HONOR BANKMARK, BANKAMERICARD AND VALLEY NATIONAL.
 SORRY, ALL ITEMS CATALOGUED ARE NOT AVAILABLE IN ALL STORES DUE TO SPACE LIMITATIONS.
 NO BONUS OR FREE MERCHANDISE GIVEN, WHEN CB RADIOS ARE TAKEN AS TRADE-INS ON CB TRANSCEIVERS.
 IN TODAY'S RUSH, RUSH, BUSINESS WORLD, WE SOMETIMES FORGET TO SAY "THANK YOU FOR YOUR PATRONAGE". WE DO SO NOW AND WANT YOU TO KNOW THAT WE APPRECIATE THE CHANCE TO SERVE YOU.
 SEND 20¢ TO DEPT. "H" FOR OUR LARGE GENERAL ELECTRONICS CATALOG.
 ALL ITEMS IN THIS CATALOG SUBJECT TO PRIOR SALE.

SPEAKERS

PAGING SPEAKER

Frequency Response: 400-7,000 Hz
 Power Rating: 5 Watts
 Air Column Length: 3½"
 Bell Diameter: 5"
 Horn Length: 5 3/8"
 Driver: Permanent Magnet

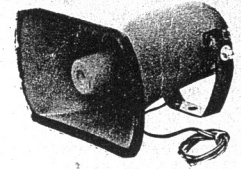


MIDLAND

Re-entrant type paging speaker. Fully weatherproofed. Compact size and light weight enables it to be installed almost anywhere. Mounted on 180° swing-swivel bracket. Permanent magnet driver unit enclosed within horn. Diaphragm specially constructed to withstand up to 30% input power overload. 24" two-conductor lead wire. Gold anodized finish. 8 ohm. Weight: 1 lb.
 21-402..... **7.95**

5X8 INCH OUTDOOR REFLEX SPEAKER

Frequency Response: 320-7,000 Hz
 Power Rating: 12 Watts
 Voice Coil Impedance: 8 ohm
 Air Column Length: 6"
 Bell Diameter: 5" x 8"
 Horn Length: 8"
 Driver: Permanent Magnet



Medium-angle low cost rectangular horn with excellent coverage. This all-aluminum gray color horn is virtually indestructible. Rubber edge damping ring eliminates resonances. Driver unit enclosed within the horn, making unit waterproof. With swivel mounting bracket and 28" of two-conductor lead wire. Weight: 2½ lbs.
 21-408..... **14.95**

6" PAGING METAL HORN



HERALD

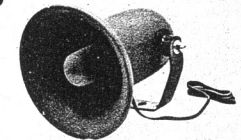
Frequency Response: 350-6,000 Hz
 Power Rating: 5 Watts
 Voice Coil Impedance: 8 ohm.
 Bell Diameter: 6"
 Construction: Weatherproof With Driver

Herald all metal 6" paging horn for indoor or outdoor use. Ready to connect to amplifier. Weather proof. Size: 6" x 6". Frequency response 350 to 6,000 Hz. 5 watts, 8 ohms. Comes with 2 ft. of cable.
 S-135A..... **8.88**

6 INCH OUTDOOR REFLEX SPEAKER

MIDLAND

Frequency Response: 300-13,500 Hz
 Power Rating: 10 Watts
 Voice Coil Impedance: 8 ohm
 Air Column Length: 4"
 Bell Diameter: 6"
 Horn Length: 6½"



This compact reflex speaker offers a fullpower permanent magnet driver unit. Excellent for paging or PA systems. Fully waterproof with 180° swivel bracket. Furnished with 28" two-conductor wire. Weight: 2 lbs. Driver: Permanent Magnet.
 21-406..... **12.95**



ALL-TRANSISTOR BULL HORN

A fully transistorized directional megaphone at a low price. Lightweight, it carries your voice over 100 yards or above noise. Just press the trigger and talk. Features variable volume control and carrying strap. Uses 4-standard "D" cells (not supplied with unit). 11" long. Shipping wt., 3 lbs.
 44B 1509..... **8.95**
 1-1/2-volt "D" batteries, 4 required...Each.....20

PORTABLE MEGAPHONE

MIDLAND



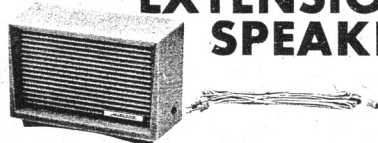
Gives more talk power where you want it! No wiring, installation. Uses 4 flashlight cells. Solid state amplifier. Pistol-grip handle just press the trigger and talk. Power level switch. Light weight (only 4 lbs.). Operates on 4 "D" size flashlight cells. Rubber-rimmed spun aluminum bell, 8-3/4" diameter. 5" reflex-type air columns. Over-all length 13". Two-tone gray finish. Vinyl carrying-strap.
 13-301..... **34.95**

PACE UTILITY REMOTE SPEAKER

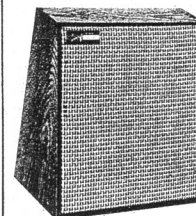


This remote speaker is constructed with a cast cyclac casing, acoustically designed for best audio conditions with transistor equipment. The speaker is 3" x 5" oval design and utilizes a heavy industrial magnet for rough use.
 5508 (5514)..... **19.95**

PORTABLE EXTENSION SPEAKER



May be used up to 20 feet from TV set, radio or Hi-Fi system. Attractive beige cabinet, 7½" wide x 5½" high x 3-1/8" deep. 20 ft. remote cord with standard 1/8" miniature plug attached. Efficient, extended range 4" speaker for quality reproduction.
 21-419 Midland..... **4.39**



WALD HANGING WALL BAFFLE

WALD

Rugged, hardwood, furniture, finish. Sloping front, recess cane grill: For Music and Paging. Mounting hardware supplied. Walnut or Blond finish. Size: 11½" high, 10" wide 6½" to 3" tapered. For 8" speaker.
 W8...Enclosure only..... **4.88**



ABC'S OF CITIZENS BAND RADIO

Explains the functions, principles of operation, regulations, set-up and operation of CB radio equipment. 96 pages; 5½ x 8½; softbound. 20019 (2nd ed.)..... **2.50**



CB RADIO ANTENNAS

This book tells everything needed to set up a CB antenna system to get the most "reach" from CB units. 144 pages; 5½ x 8½; softbound. 20567 (2nd Ed.)..... **3.50**

101 QUESTIONS AND ANSWERS ABOUT CB OPERATIONS

A handy reference source of answers to questions most often asked about various aspects of CB radio. Including questions and answers about the four classes of CB radio and their permissible uses, licensing and FCC rules, ect. 96 pages; 5½ x 8½. 20604..... **2.50**



99 WAYS TO IMPROVE YOUR CB RADIO

Tells how to operate, service and maintain CB radio equipment to keep it in top operating condition and get the most use from it. 128 pages; 5½ x 8½; softbound. 20515..... **2.95**



CITIZENS BAND RADIO HANDBOOK

Many examples of the latest commercial equipment (including solid state) and accessories to guide you in selecting the equipment you need. 192 pages; 5½ x 8½; softbound. 20569 (3rd. Ed.)..... **4.25**

101 EASY CB PROJECTS

An entertaining collection of simple, inexpensive, yet practical citizens band radio equipment and accessories. Each easy-to-build device, is designed to be a useful addition to any CB radio operator's gear. 28 pages; 5½ x 8½; softbound. 20663..... **3.25**

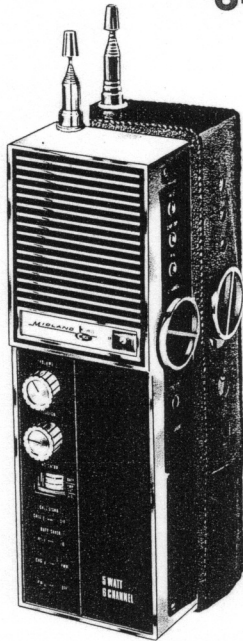
WIRE

<p>RG-8/U</p>  <p>COAXIAL CABLE</p> <p>RG-8/U Foam insulation coaxial cable. 52 ohm. Nominal O.D.: .405. Black PVC jacket.</p> <p>1583 Per ft. 14</p> <p>1583 50 ft. 7.00</p> <p>1583 100 ft. 13.95</p> <p>1583 500 ft. 64.50</p> <p>RG-8/U Foam with PL-259 each end</p> <p>913 50 ft. 9.95</p> <p>914 100 ft. 15.95</p>	<p>RG-58/U</p>  <p>COAXIAL CABLE</p> <p>RG-58/U Coaxial Cable. 52 ohm. Nominal O.D. .195. Black PVC jacket. 20 gauge solid B.C. For CB, ham, fixed or mobile use.</p> <p>Per ft. 7</p> <p>S-234 22 ft. 1.49</p> <p>1589 50 ft. 3.00</p> <p>1589 100 ft. 5.50</p> <p>RG-58/U Foam PL259 with adptrs, each end</p> <p>915 50 ft. 5.95</p> <p>916 100 ft. 8.95</p>	<p>RG-59/U</p>  <p>COAXIAL CABLE</p> <p>RG-59/U Coaxial cable. 72ohm. For Ham, community system, apartment house, antenna leads, etc.</p> <p>Per ft. 10</p> <p>Over 22 ft. 6</p> <p>S-235 22 ft pkg. 1.69</p> <p>1592 500 ft. 23.75</p> <p>1592 1000 ft. 44.90</p>
<p>SUPER</p>  <p>TWIN FOAM</p> <p>TWIN LEAD</p> <p>Porous low loss air filled foam dielectric separates two prestretched heavy duty copper conductors. Overall ultraviolet resisting, carbon black filled outer polyethylene jacket. Excellent VHF; good UHF; excellent color. Needs no transformers.</p> <p>1037 50 ft. 2.98</p> <p>1037 100 ft. 4.95</p>	<p>RG-58/U COAXIAL</p>  <p>CABLE ASSEMBLIES</p> <p>20 ft. RG-58/U with PL-259 and UG-175/U reducer one end and two universal terminating lugs other end. Citizens band extension.</p> <p>S-810. 3.79</p> <p>20 ft. RG-58/U with PL-259 and UG-175/U at both ends. Citizens band extension. 4.39</p> <p>S-811. 4.39</p>	<p>24" STANDING</p>  <p>WAVE CABLE</p> <p>24" Standing Wave Cable for use with Standing Wave Meters. With PL-259 and reducer at each end.</p> <p>S-812. 2.98</p> <p>8 CONDUCTOR</p>  <p>ROTOR CABLE</p> <p>8 conductor round antenna rotor cable. 6/22, 2/18 gauge. 7x30, 7x26 stranded. Polyethylene insulation. Nominal O.D. 0.250.</p> <p>1039 Per ft. 9</p> <p>1039 100 ft. 7.90</p>
<p>FOIL SHIELDED</p>  <p>TWIN FOAM</p> <p>Porous, low loss, air-filled foam dielectric separates two pre-stretched heavy duty copper conductors. Overall 99 per cent braid shield plus additional abrasion-free overall jacket. Ideally suited for noise-free UHF, FM and multiplex; excellent for smear-free color TV reception.</p> <p>1041 50 Ft. 6.59</p> <p>1041 100 Ft. 11.95</p>	<p>RG-58/U COAXIAL</p>  <p>CABLE ASSEMBLIES</p> <p>RG58/U type polyfoam cable PL-259 connectors at both ends. Heavy duty folder.</p> <p>581-5850 50 ft. 5.95</p> <p>581-58100 100 ft. 8.95</p>	<p>4 CONDUCTOR</p>  <p>ROTOR CABLE</p> <p>4 conductor antenna rotor cable. Low loss flat type. 20 gauge. 10/30 stranded. Polyethylene insulation. Nominal O.D.: .085 x .360". One tinned leg for polarity identification.</p> <p>1483 (4FC3) Per ft. 6</p> <p>1483 (4FC3) 100 ft. 3.98</p>
<p>300 OHM</p>  <p>TWIN LEAD</p> <p>300 ohm Twin lead. VHF-UHF transmission line. Available in brown, white, clear, gold and silver.</p> <p>TS-25 25 ft. 98</p> <p>TS-50 50 ft. 1.39</p> <p>TS-100 100 ft. 1.98</p> <p>1553 1000 ft. 12.95</p>	<p>RG-8 COAXIAL</p>  <p>CABLE ASSEMBLIES</p> <p>RG-8U type polyfoam cable PL-259 connectors at both ends. Heavy duty folder.</p> <p>581-850 50 ft. 9.95</p> <p>581-8100 100 ft. 15.95</p>	<p>ZIP</p>  <p>CORD</p> <p>2 conductor parallel cord. Speaker extension, lamp cord, etc. 20 gauge. 10/30 stranded. Wall thickness: .016. Brown.</p> <p>1438 100 ft. 2.79</p> <p>Clear. Polarized conductors.</p> <p>1438A 75 ft. 2.79</p>
<p>WRAP SHIELD</p>  <p>MIKE CABLE</p> <p>Foam, woven rayon braid, extra flexible microphone cable. Wrap shield type. 1 conductor, 20 gauge, 19/34 stranded. Nominal O.D.: .200".</p> <p>1290 (W544) 50 ft. 3.95</p>	<p>ALUMINUM</p>  <p>GROUND WIRE</p> <p>For TV and radio. Solid conductor. 8 gauge. Rust proof. Soft drawn.</p> <p>1240 100 ft. coil. 2.29</p> <p>S-130 40' 1.29</p>	<p>SPEAKER</p>  <p>WIRE</p> <p>2 conductor speaker wire, zip cord, lamp cord etc. 24 gauge. 7/32 stranded. Wall thickness: .016". Nominal O.D.: .061" x .137".</p> <p>WS-100 50 ft. 1.19</p> <p>1437A (2F24) 100 ft. 1.98</p>
<p>RETRACTILE</p>  <p>MIKE CORDS</p> <p>6 ft. Retractable coiled cord, microphone cable. Ideal for push to talk microphone applications.</p> <p>S-208 1 shielded, 2 unshielded leads. 2.95</p> <p>S-209 1 shielded, 3 unshielded leads. 3.29</p>	<p>FIBRE GLASS</p>  <p>GUY WIRE</p> <p>Non-radiating, non-absorbing, high strength "wireless" guy wire in vinyl jacket. 500 lb. test strength.</p> <p>7000 100 ft. 3.95</p> <p>GALVANIZED GUY WIRE</p> <p>4 conductor, 20 gauge.</p> <p>2420 L 50 ft coil. 69</p>	<p>TELEPHONE</p>  <p>EXTENSION CORD</p> <p>15 ft. Telephone handset extension cord. Exact replacement for your worn or short coiled cord. Simple to install, no tools required. Can be used on all phones. Available in black or white.</p> <p>S-232. 4.95</p>
<p>AERIAL KIT</p>  <p>For improved broadcast and short wave reception. Kit includes 50 ft. stranded 7/28 copper aerial wire, 25 ft. insulated lead in wire, 1 lead in strap, 2 strain insulators and 2 nail in knobs.</p> <p>S-204. 2.39</p>	<p>TEST LEADS</p>  <p>3 color coded 30" test leads with alligator clips attached at both ends. For all auto, TV, radio, and electrical use. Simplifies and speeds all electrical testing.</p> <p>S-301. 1.39</p>	<p>TELEPHONE</p>  <p>EXTENSION KIT</p> <p>Plugs into standard telephone equipment. Color-coded cable is 30 feet long and completely assembled with telephone jack on one end and plug on the other.</p> <p>25-354. 2.88</p>

WALKIE TALKIES

MIDLAND 5 WATT WALKIE-TALKIE

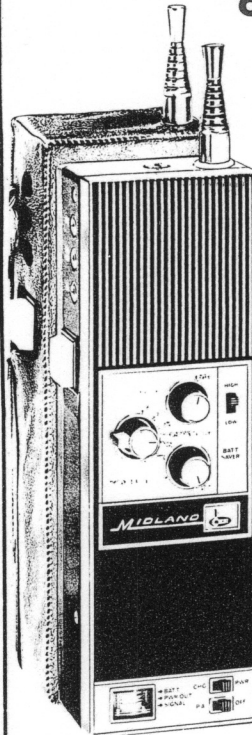
6-CHANNEL



Model 13-770 has 6-channel capability. Loaded from top to bottom with advanced CB performance features such as exclusive Midland Call Signal, a long-range alert transmission-saves batteries, too. Combination battery level/power output/signal strength meter. Hi-Lo battery saver switch allows monitoring and reception at a reduced battery level with no loss in fidelity. Public address switch permits use of the unit as a P.A. amplifier when used with an external speaker. Battery charger jack and switch make it possible to reenergize a rechargeable battery while still in the transceiver. Accessory jacks for: AC adaptor, external mike, antenna. Rugged metal cabinet with die-cast front, shock-resistant isolated chassis, 60" telescopic antenna. Model 13-770 is complete with handsome leather carrying case, earphone, pouch, Channel 7 crystals. Semi-Conductors: 11 transistors, 5 diodes, 1 thermistor, 1 squelch transistor, 1 I.C. working as 7-stage I.F. amplifier and detector. Dimensions: 9-3/4" x 2-3/16" x 3". 8 lbs.
Model 13-770..... **59.95**

MIDLAND 5 WATT WALKIE-TALKIE

6-CHANNEL



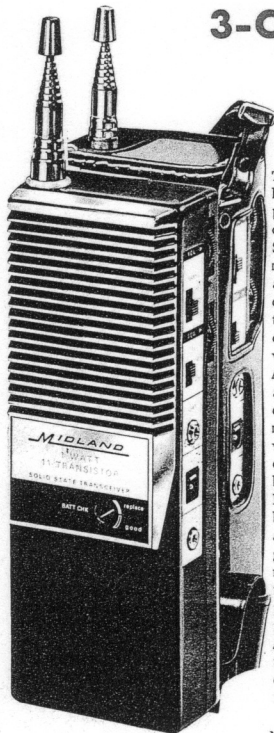
This extremely popular Midland transceiver packs base/mobile features into a compact, rugged and good-looking hand-held unit. Furnishes the maximum 5-watt input allowed by the F.C.C. and offers the versatility of transmitting and receiving on 6 crystal-controlled channels. Sensitivity and reliability are assured by advanced solid state circuitry which employs the revolutionary Midland Integrated Circuit. Extra sensitive superheterodyne receiver has tuned RF and 4 IF stages. High-level Class B push-pull audio modulation delivers greater power output at low or normal volume. Fully variable squelch control. A Hi-Lo battery-saver switch permits reception and monitoring at reduced battery level. A handy battery charger jack allows charging of rechargeable batteries without removing them from the transceiver. The chassis is specially isolated for use in 12-volt automobiles. Accessory jacks are provided for AC power source, PA speaker, external microphone, extension speaker and external antenna. One set of channel 7 (27.035 MHz) plug-in crystals is factory installed. All use must conform with part 95, F.C.C. regulations. Not for hobby-type communications. A license is required. Semi-Conductors: 13 transistors, 2 squelch transistors, 2 diodes, 1 thermistor, 1 varistor, 1 integrated circuit. Dimensions: 9 3/4" high x 3-3/8" wide x 2-3/16" deep. 8 lbs.
Model 13-775B..... **79.95**
18-143 Heavy Duty base station power supply, 12 volt DC..... **21.95**

MIDLAND 1-WATT WALKIE-TALKIE

3-CHANNEL

Now with Carrying Case

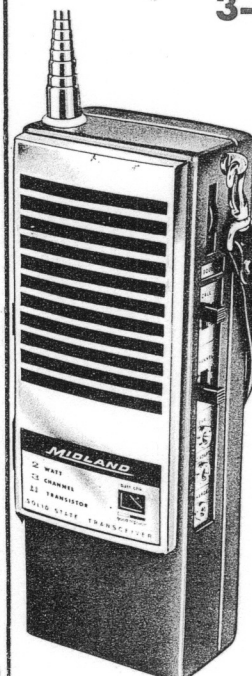
Call Signal® • Variable Squelch



This rugged model has what it takes to handle the big jobs. Full 1-watt input power and 3-channel versatility, plus the convenience of Midland's exclusive Call Signal alert tone for establishing and maintaining communications. Operates on any 3 of the 23 CB channels with plug-in crystals for Channel 11 installed. Crystal-controlled oscillator transmitter circuit and superheterodyne receiver with variable squelch, tuned RF and 3 IF stages. An active AVC circuit prevents fade, drift and annoying "blast" distortion. Efficient high-level Class B push-pull audio modulation reduces battery drain at lower volume levels and delivers greater efficiency and power output. Input jacks for battery charger, AC adaptor and earphone. Battery strength meter visually indicates battery condition. Handsome and rugged all-metal cabinet with die-cast chromed grill, 13-section, 6" telescoping antenna. Comes with good-looking Texon carrying case, shoulder strap and earphone pouch. Optional power sources include: 8 penlite cell, rechargeable battery pack AC adaptor. Semi-Conductors: 11 transistors, 1 diode, 1 thermistor, 2 squelch circuit transistors. Dimensions: 7 1/2" high x 2 3/4" wide x 2" deep. 4 lbs.
Model 13-710..... **32.95**

MIDLAND 2 WATT WALKIE-TALKIE

3-CHANNEL



Midland's powerful 2-watt, 3-channel hand-held transceiver offers advanced features unequalled at the price. Solid state circuitry for efficient operation and years of trouble-free service. Sensitive superheterodyne receiver with tuned RF stage and active AVC circuit which prevents unwanted "blast" distortion and boosts weak signals to understandable level. High-level Class B push-pull audio modulation, delivers greater efficiency and power output, reduces battery drain. Exclusive Call Signal, volume and push-to-talk. Handy accessory jacks for AC adaptor and earphone. Battery charger jack permits charging of rechargeable batteries without removing them from transceiver. Battery strength meter. 3-channel capability with Channel 11 plug-in crystals installed. Rugged all-metal cabinet with die-cast front, 64" telescoping antenna. Operates on 8 penlite cells, rechargeable battery pack or AC adaptor (all optional). Complete with adjustable leather shoulder strap. Semi-Conductors: 11 transistors, 2 diodes, 1 thermistor, 2 transistors in squelch circuit. Receiver Sensitivity: 1 uV or better for 10 db S/N. Dimensions: 7 1/2" high, x 2 3/4" wide x 2" deep. 4 lbs.
Model 13-722..... **39.95**

FREE CHOOSE FROM EITHER

B **C** or **G**



COVER THE MAP WITH A
TRAM TITAN II

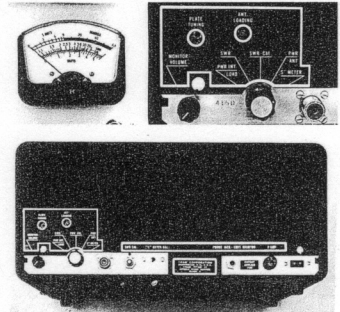
**MOST ADVANCED
CITIZEN'S BAND BASE STATION.
FLEXIBLE AM, DOUBLE SIDEBAND, AND
SINGLE SIDEBAND COMPATIBILITY.**

Transmitter

If you're going to get through at all, it will be with your Titan II. Where conditions make AM contacts marginal, switch to sideband. The ability to choose either AM (full carrier) or double sideband-suppressed carrier, can make the difference.

In addition to two superior transmitter systems, the Titan II features unique circuits, carefully engineered, to assure a long life of pace-setting performance: audio compression modulation, de-modulated R.F. transmitter monitoring, R.F. power metering, S.W.R. metering and a built-in dummy antenna load. Titan II is always on its best behavior. Good neighbor relations are assured by the built-in low pass T.V.I. filter which minimizes TV interference.

Tram is quality on-the-air.



Compatibility

The Tram Titan II comprises two distinctly separate communications systems: standard AM, the system that the majority of CB'ers use today; and sideband, the system that most CB'ers will use tomorrow. The Titan II owner can work any Receiver sensitivity—outstanding; input for 10 db signal plus station he can hear: standard AM, SSB (single sideband), noise to noise ratio .15 uv. All the way from the receiver's DSBR (double sideband-reduced carrier) or DSBC (double sideband-reduced carrier); it doesn't matter which—if he's SWR bridge. Titan II has the kind of features that make all a CB'er, you can talk to him.

Titan II's Transmit Monitor (Pat. applied for)

Tram's new "Language Lab" technique of audible transmit monitoring is an important engineering creation enabling you to hear your transmitter signal exactly as it leaves your antenna. You no longer have to depend on questionable signal reports.

Built-in circuitry (patent applied for), unique to the Tram Titan II, allows you to plug headphones into a phone jack on the rear of the unit, and hear what your transmitter is actually putting out on the air. The transmit monitor is a fool-proof check on the quality of your modulation and the purity of your carrier.

As the monitor is designed to switch automatically from transmit to receive, continuous monitoring is now practical in everyday operation. Moreover, your own voice characteristics and microphone technique can be examined and modified at will, just as in the most advanced university language laboratory.

The transmit monitor system, together with the SWR, bridge, power meter and neon indicators, enables complete and accurate checks of your transmitter performance.

No CB operator should be without this significant new tool. You're never in doubt that you're really "getting out."

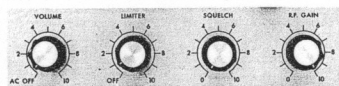
Superiority

The new Tram Titan II combines the outstanding engineering and high standards of component parts and assembly to back up its claim as the best base station on the market today. Other fine units have some of the all-important base station features, but only Titan II has them all. A multi-function meter that measures forward power to antenna, standing wave ratio directly and power into an internal 50 ohm load is built in. The transmitter delivers maximum output. The transmitter delivers maximum output. The transmitter delivers maximum output.

Titan II Control Strip

You have the Citizens Band at your command when you sit down at the controls of your Titan II base station.

The extremely efficient noise limiter and squelch greatly reduce annoying interference. The RF gain control reduces the effect of receiver overload due to very close stations.



Receiver

The receiver is the heart of any CB rig—the Titan II receiver is the best you can buy. The Titan II has virtually two receivers... one for AM reception and one for single sideband. Specifications are provided for each on the back of this brochure.

The clearly marked and illuminated main tuning dial provides 10 1/2 inches of precision, 23 channel, variable tuning. Excellent circuit design results in the kind of super-sensitivity that digs the weakest signals up out of the background noise. Selectivity, or adjacent channel rejection is superior. This is another reason why Titan II owners wouldn't be satisfied with anything else.

A full complement of operating controls gives the CB perfectionist everything he could wish for.

Why Sideband?

Why does anybody bother to introduce another kind of communications system? Some of the reasons are obvious. (1) Sideband gives the Titan II owner a choice of operating methods. Now, instead of the usual 23 channels, sideband effectively provides an additional 23 transmit options or 46 channels. (2) Sideband provides more range than AM under most operating conditions. Experts estimate that sideband provides up to 30% more range than AM. (3) Sideband is less prone to noise and skip interference under most conditions.

In addition, sideband makes more efficient use of the crowded Citizens Band; and, since it is relatively new, it results in almost private communications for Titan II owners.

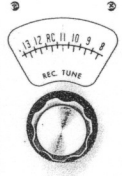
Mechanical Filter

At the heart of Titan II's receiver is the Collins mechanical filter. The filter, added to excellent circuit design, makes the Titan II the most selective receiver on the market (adjacent channels 90 db down). In simple terms this figure means that adjacent channel interference is down to a new minimum. You no longer are forced off the air when your neighbor comes on. With the crowded conditions of today's Citizens Band, Titan II's selectivity is a necessity—not a luxury.



Tuning Sideband

Everyone who tries it is impressed with the ease of Titan II single sideband tuning. The extra large main tuning dial, smooth SSB fine tuning control and excellent receiver stability combine to make the Titan II owner an immediate expert in the previously complex art of sideband operation. Sound but imaginative engineering has made the Titan II free of the frustrating inadequacies of earlier sideband equipment.



TRAM TITAN II 482.00

HENSHAW
ELECTRONIC DEPARTMENT
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