

# PHILIPS *Service*

## INFORMATION

1-3-1961

EL 6472/00

Eb 141



The 2 KVA amplifier EL 6472/00 has undergone the following modifications :

### Electrical parts list

T1 changes to T1 831 01.1  
T2 " " V3 616 97.2  
T3 " " V3 622 51  
GRI " " SR 250 B 150

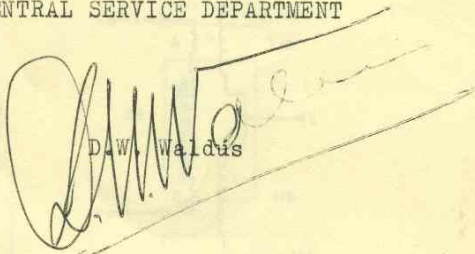
The primary side of the high tension transformer T1 and the filament transformer T2 consists of 5 coils. It is now possible to choose a voltage from the following range 190 - 200 - 210 - 230 - 240 and 250 volt.

The connecting terminals 73 and 74 have been displaced from points 6 and 4 respectively of the switch plate to 39 and 43 respectively of the switch plate. The protection unit which is connected to points 73 and 74 now always obtains a supply voltage of 220 volt.

### Figures

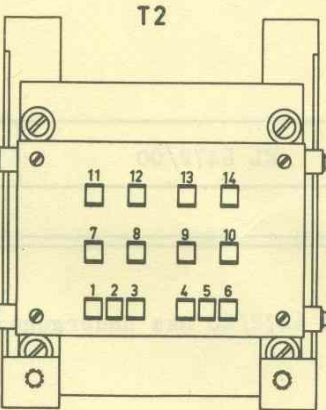
- Fig. 1 Circuit diagram
- Fig. 2 Filament transformer T2
- Fig. 3 Input transformer T3
- Fig. 4 High tension transformer T1

CENTRAL SERVICE DEPARTMENT

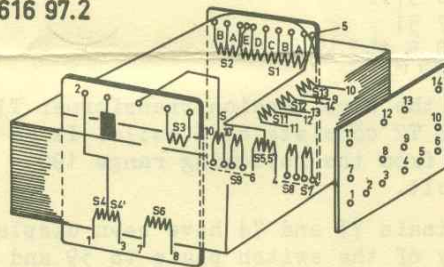
  
D.W. Waldus

AJB/KP  
*AK*

EL 6472/00



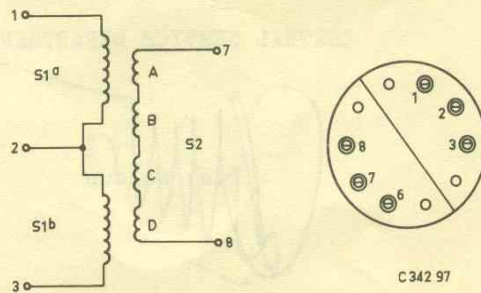
V3 616 97.2



S1					S2	S3	S4+S4'	S5+S5'	S6+S6'	S7	S8	S9	S10
A	B	C	D	E	A=B		S12+S13						V
10.3	190	19.7	19.7	10.3	797	180,5	10,34	2,82	6,58	4,7	3,29		
					1,1	86	26	<1	<1	<1	<1	<1	$\Omega$

C 339 73A

Fig.2

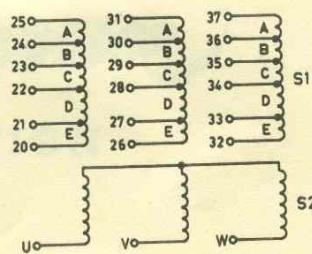
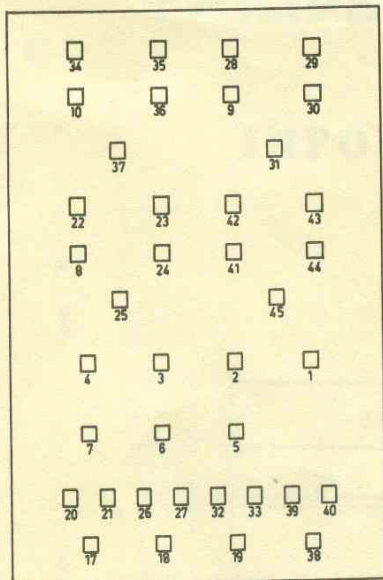


C 342 97

V3 622 51

Fig.3

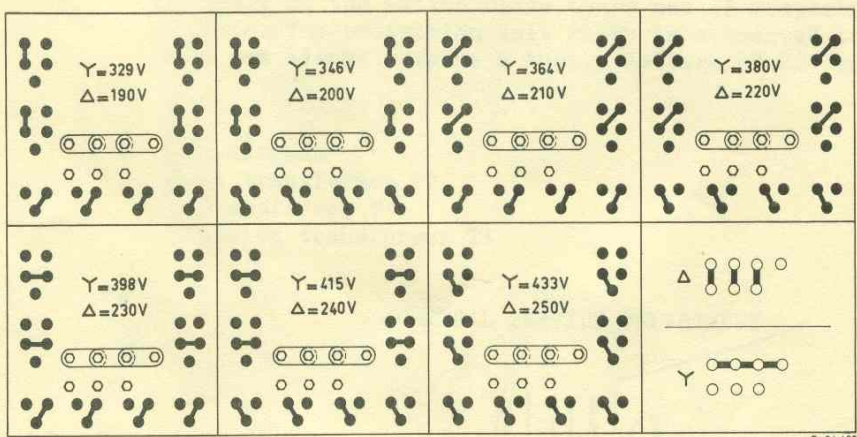
T1



S1					S2	
A	B	C	D	E		
9	19	19	18	9	1975	W
10	20	20	190	10	2080	Vonb.
					2,0	0,6 ϕ

C 34 484

T1 . 831.01.1



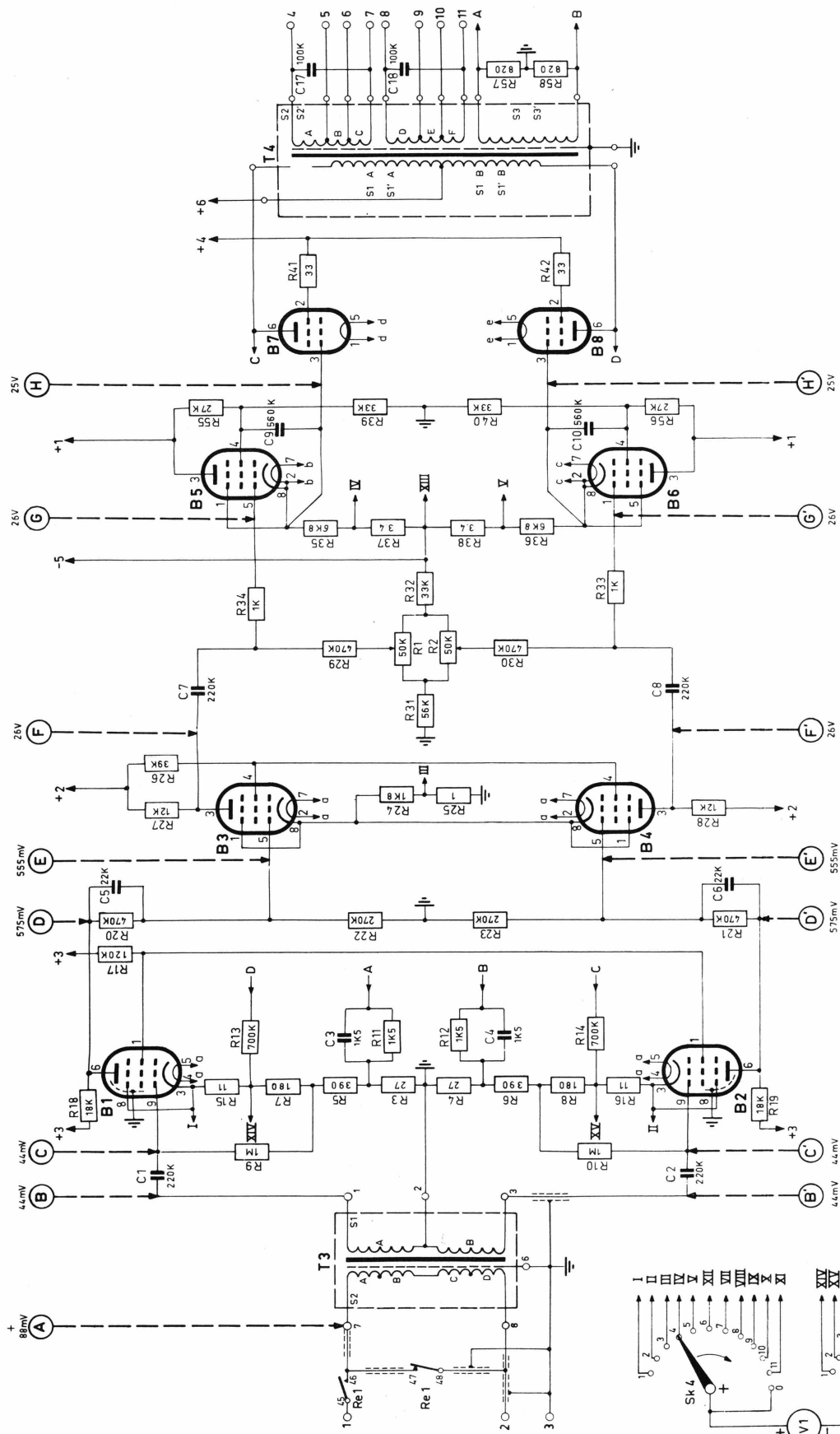
C 34 485

Fig.4

Unholtz Dickie 2KVA audio amplifier (for vibration testing service) as built by Philips.

Information dated January 3, 1961.  
Scan courtesy Patrick Jankowski May 3, 2013

Philips 2 KVA AMPLIFIER EL 6472/00 Eb 141



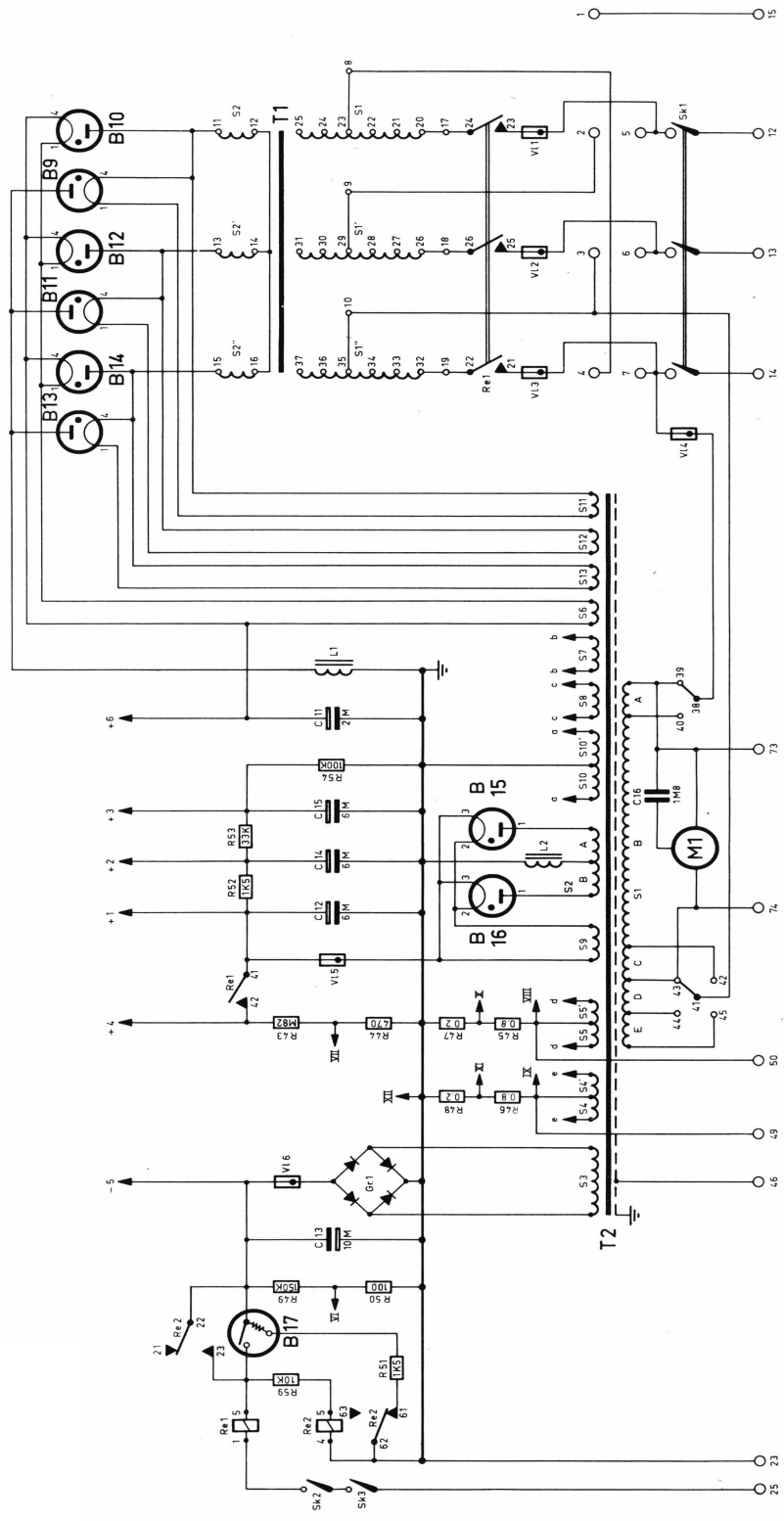


Fig.1

**Unholtz Dickie Power Amplifier Type 129040 Nr. 639**

Original tube complement: output tubes 6B5/1750 (x2) [someone subbed 4-1000A's], driver tubes 6E34 (x4), HV rectifiers 6B3/250A (x6) [someone subbed 866's]