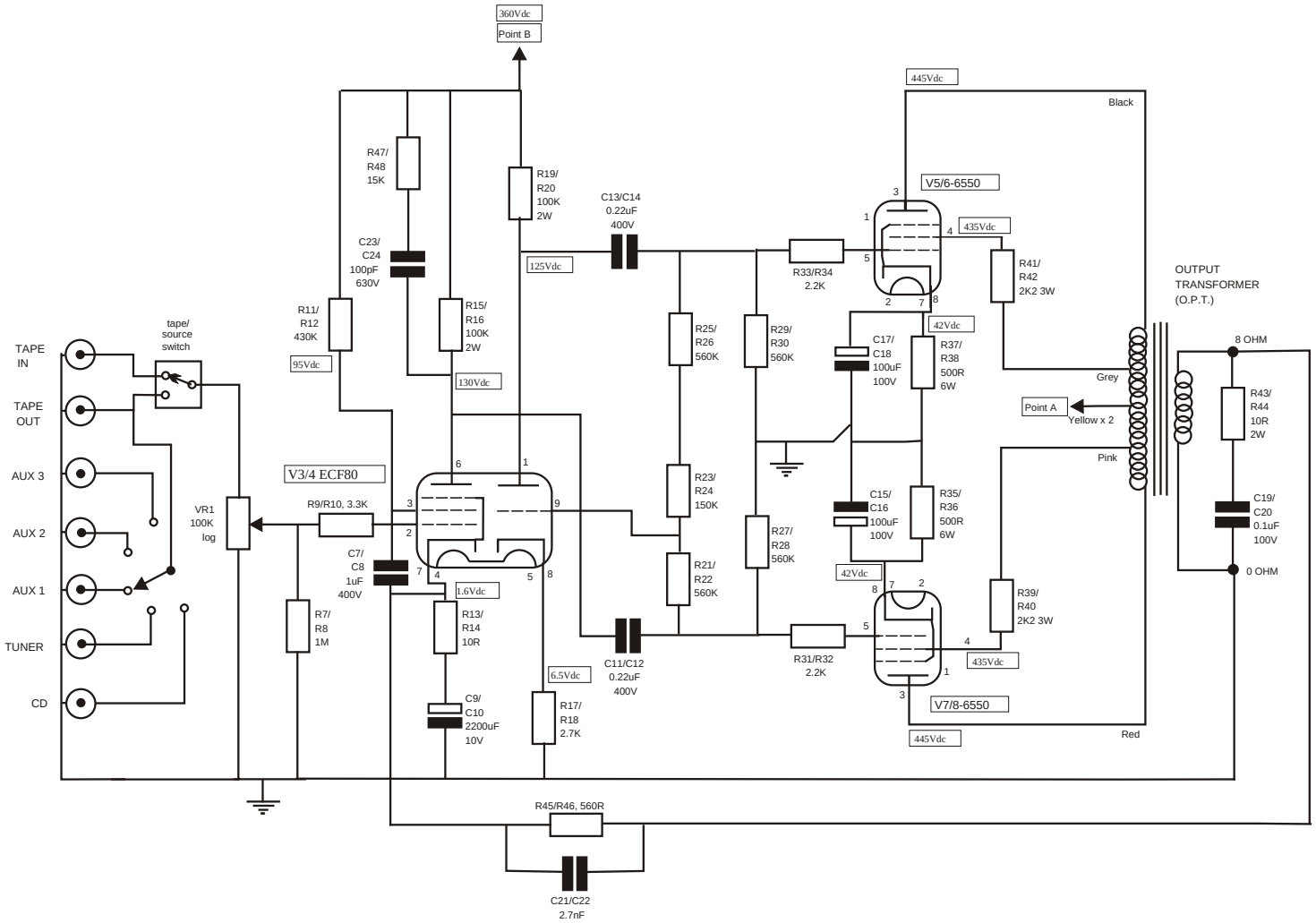
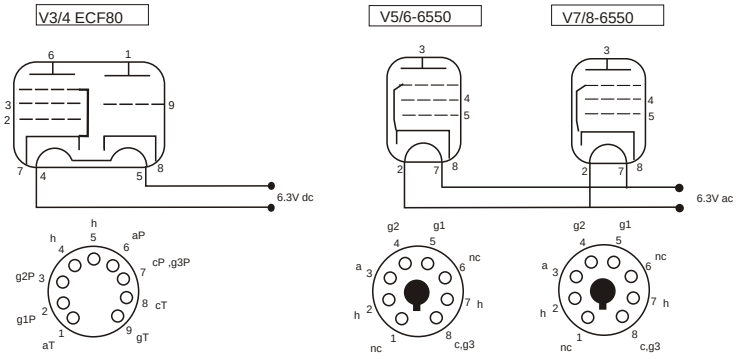
DIAGRAM ONLY
KIT6550 INTEGRATED AMPLIFIER KIT INSTRUCTIONS

KiT6550
Valve integrated Amplifier
Circuit Diagram
signal circuit (one channel)



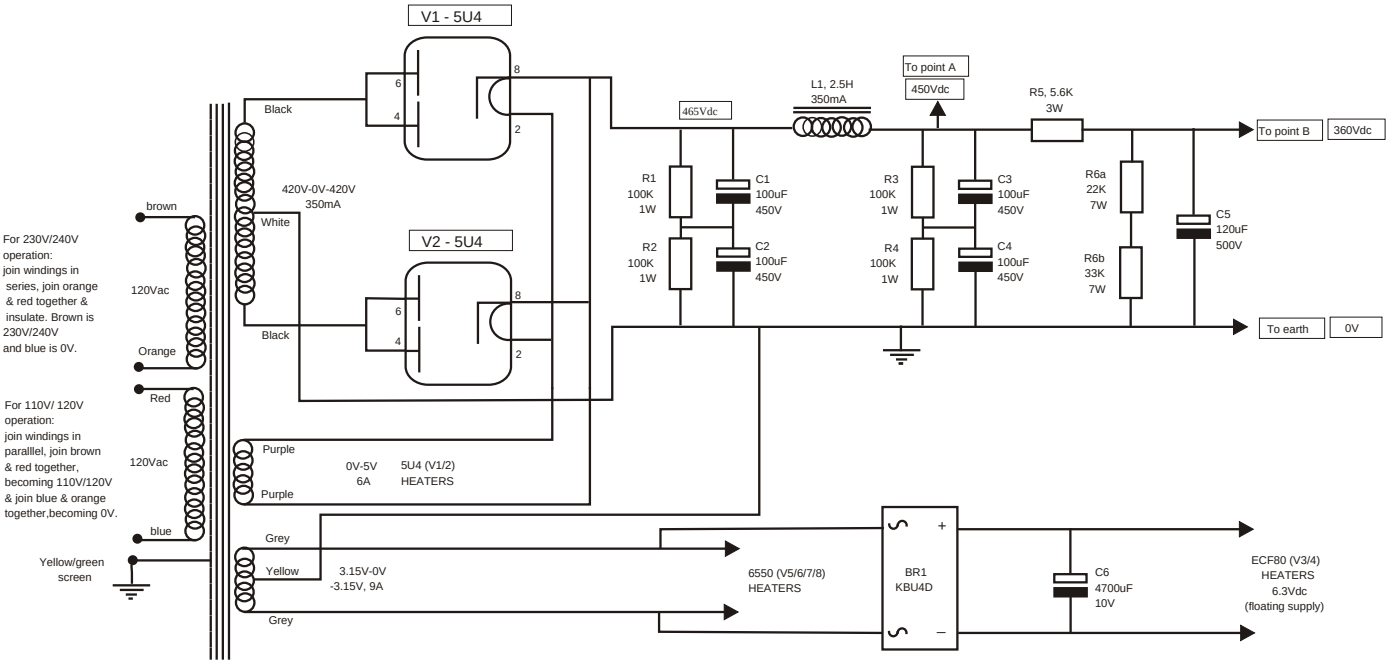
Valve pin layout



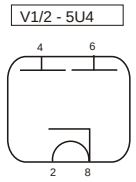
Views are from underneath valve or valve holder

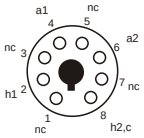
h = heater hct = heater centre tap c = cathode a = anode g1= grid 1 g2 = grid 2 g3 = grid 3 nc = no connection (T=triode P=pentode for V1)

KiT6550
Integrated Valve Amplifier
Circuit Diagram
power supply circuit (both channels)



Valve pin layout





Views are from underneath valve or valve holder
h1, h2 = heater a1, a2 = anode c = cathode nc = no connection

DIAGRAM SHOWS KiT6550 TAG BOARD LAYOUT

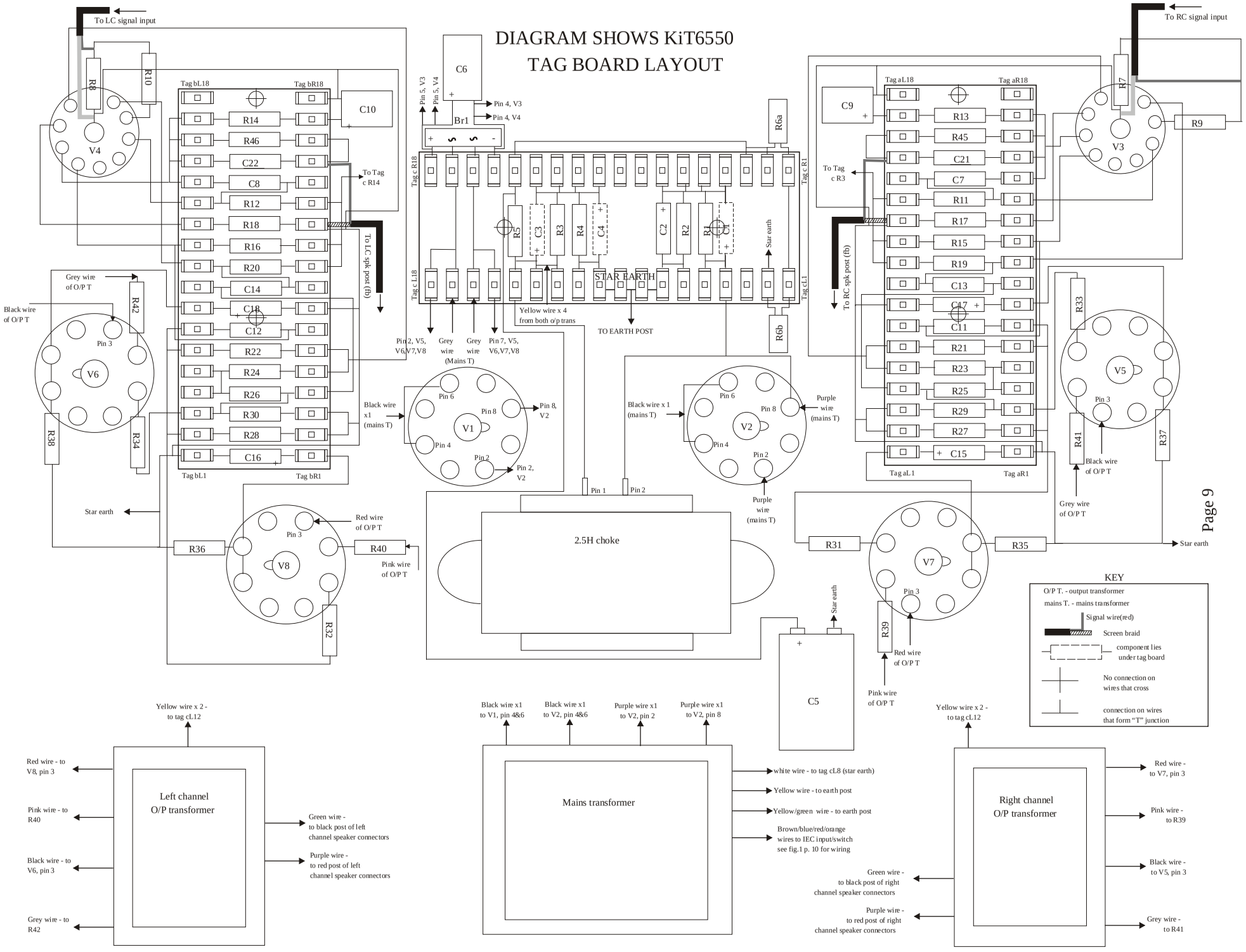


FIG.1 IEC MAINS INPUT SOCKET & POWER SWITCH
(REAR VIEW)

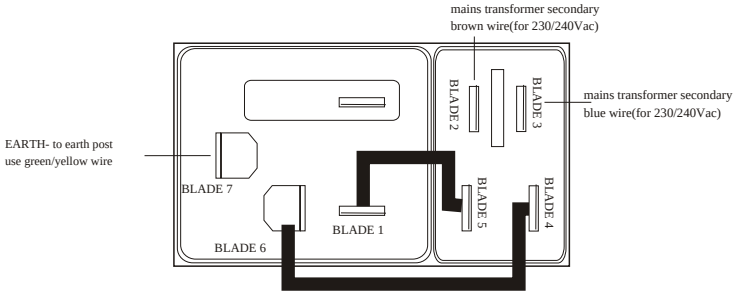


FIG. 2. Br1 HEATER
BRIDGE RECTIFIER

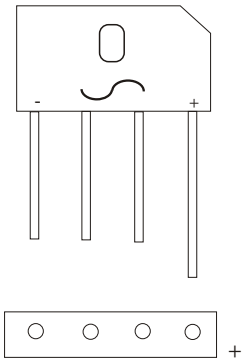
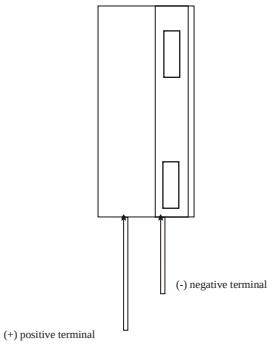
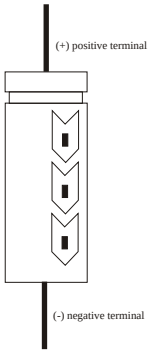


FIG. 3. LAYOUT AND ORIENTATION OF THE ELECTROLYTIC CAPACITORS AND DIODES

POLARITY MARKINGS
FOR C6, C9, C10, C16, C17, C18 & C19



POLARITY MARKINGS FOR
C1, C2, C3 & C4



POLARITY MARKINGS
FOR C5

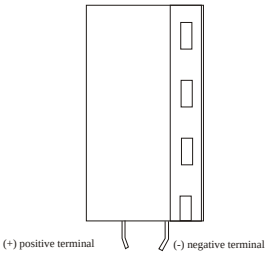
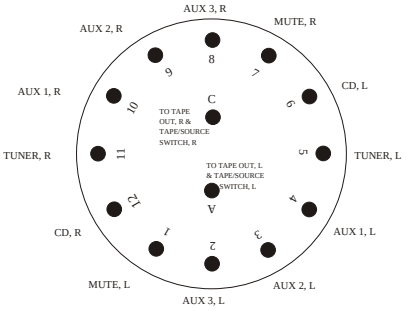


FIG. 4 SHOWS THE INPUT SELECTOR SWITCH

REAR VIEW

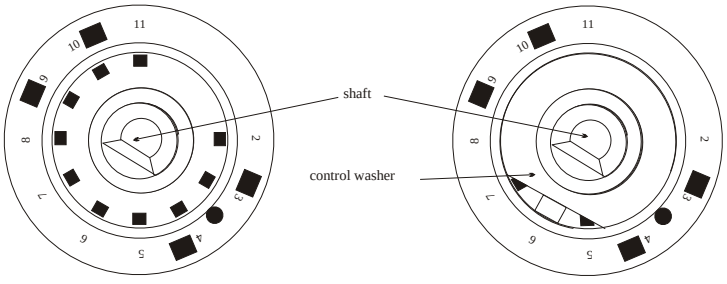
(SHOWS SELECTOR TO PHONO SOCKET CONNECTIONS)



L = left channel R = Right channel

FRONT VIEW

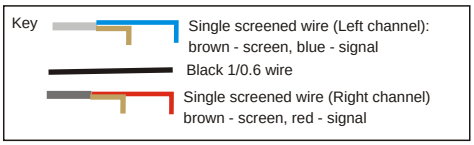
(SHOWS ORIENTATION OF SELECTOR SWITCH CONTROL WASHER TO 6/2 POLE POSITION)



Selector with control washer removed

Selector with control washer
fixed to 6/2 pole position.

FIG. 5.. SHOWS LAYOUT OF INPUT SIGNAL WIRING
This is a diagrammatical view of the interior of the Kel84. Keep all signal wires bunched together. Where wires meet at a “T” junction they are joined, wires that cross are not.



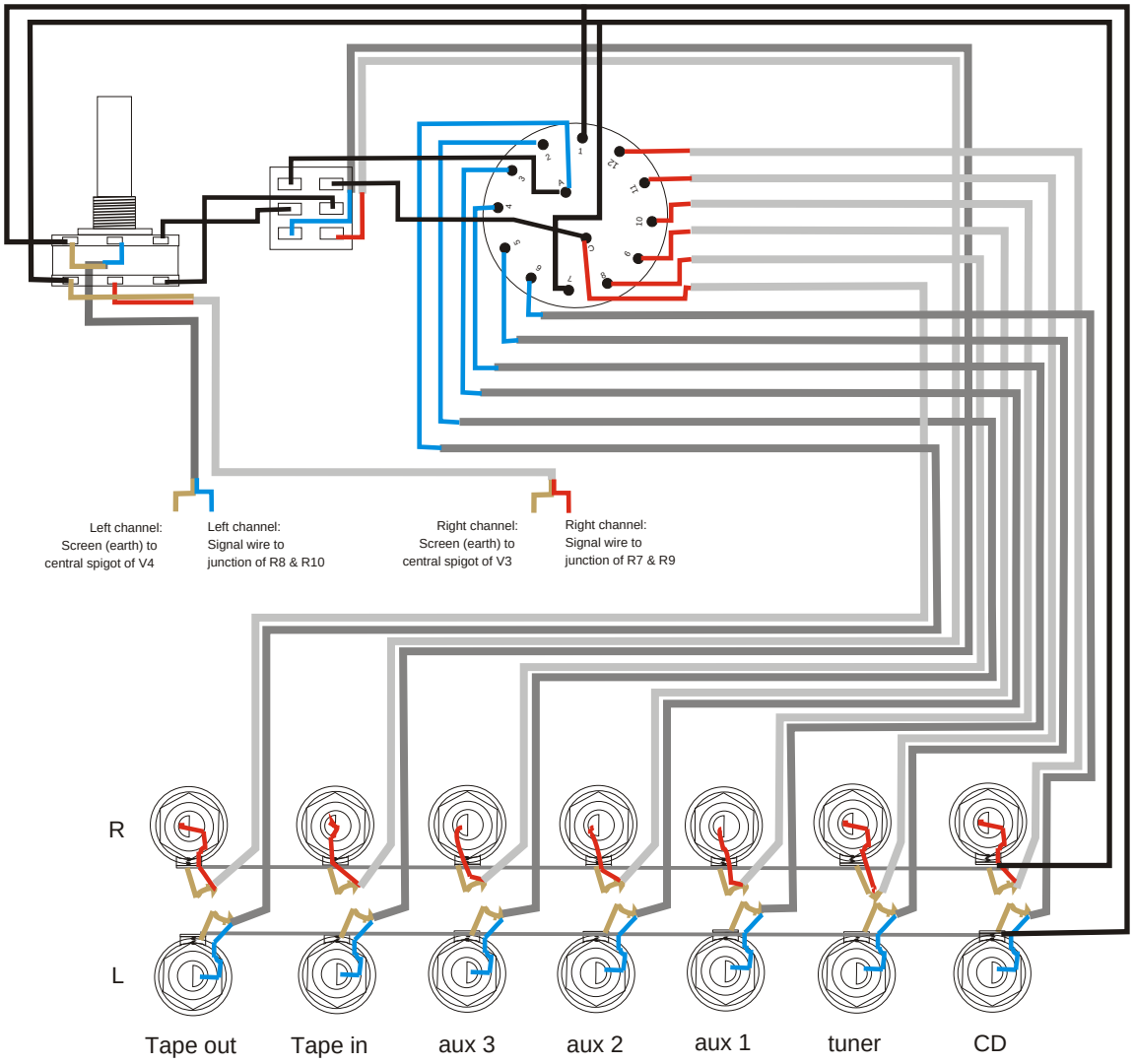


FIG. 6. VR1 100k DUAL LOG POTENTIOMETER

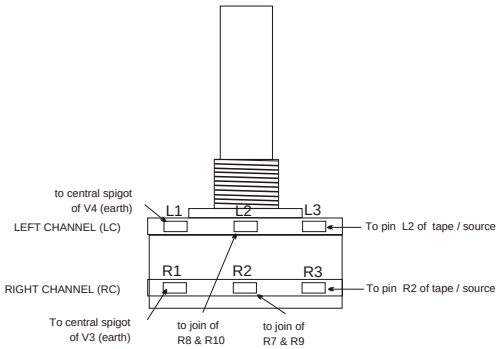


FIG.7. TAPE / SOURCE SWITCH

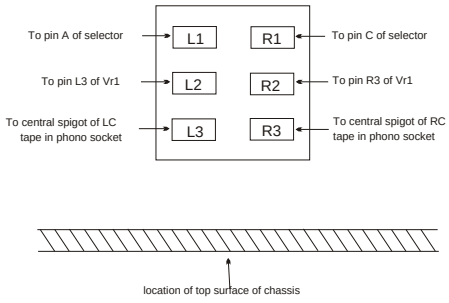


FIG. 8. EXPLODED VIEW OF HOW TO FIT THE PHONO SOCKETS

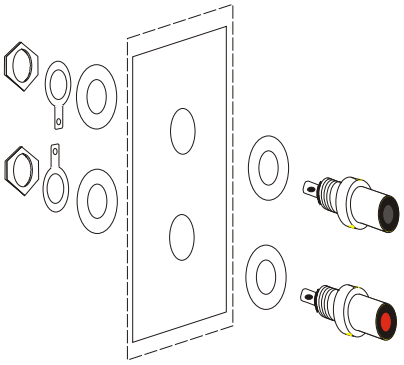


FIG. 9. VIEW OF HOW TO FIT THE MAINS & OUTPUT TRANSFORMER

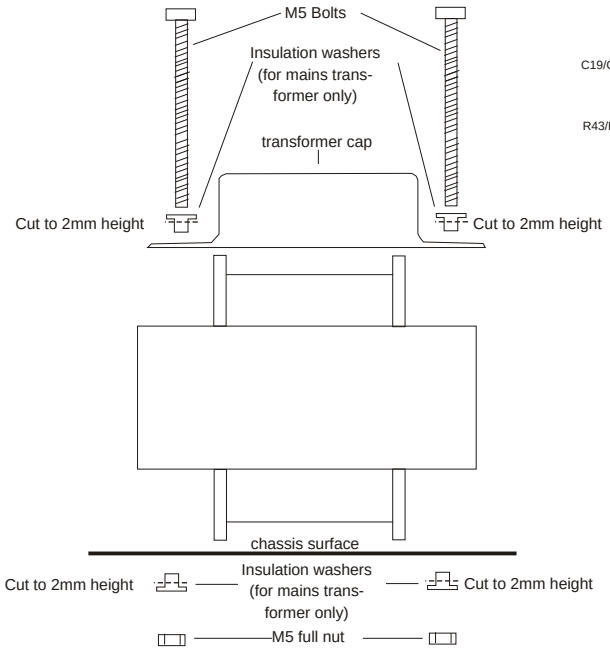


FIG. 10. EXPLODED VIEW OF HOW TO FIT THE BINDING POSTS

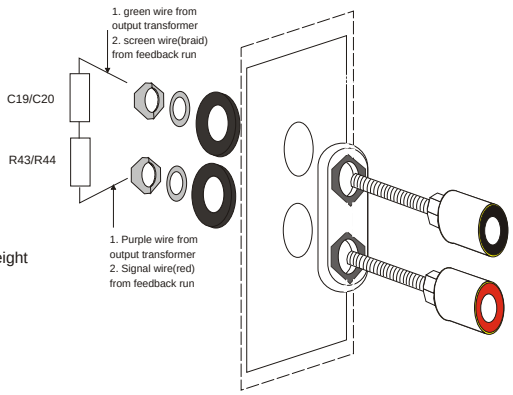


FIG. 11 DIAGRAM SHOWS THE WIRING ROUTES. PLEASE NOTE THAT THIS IS USED IN CONJUNCTION WITH PAGE 9 AS ALL NON-ESSENTIAL OFF TAG BOARD COMPONENTS AND LINKS HAVE BEEN REMOVED. IF LINKS ARE NOT RE-PRESENTED THEN THEY ARE TOO SMALL TO WARRANT CONSIDERATION AND YOU SHOULD TAKE THE DIRECT ROUTE.THE COLOURS USED DO NOT RELATE TO THE WIRE COLOURS.