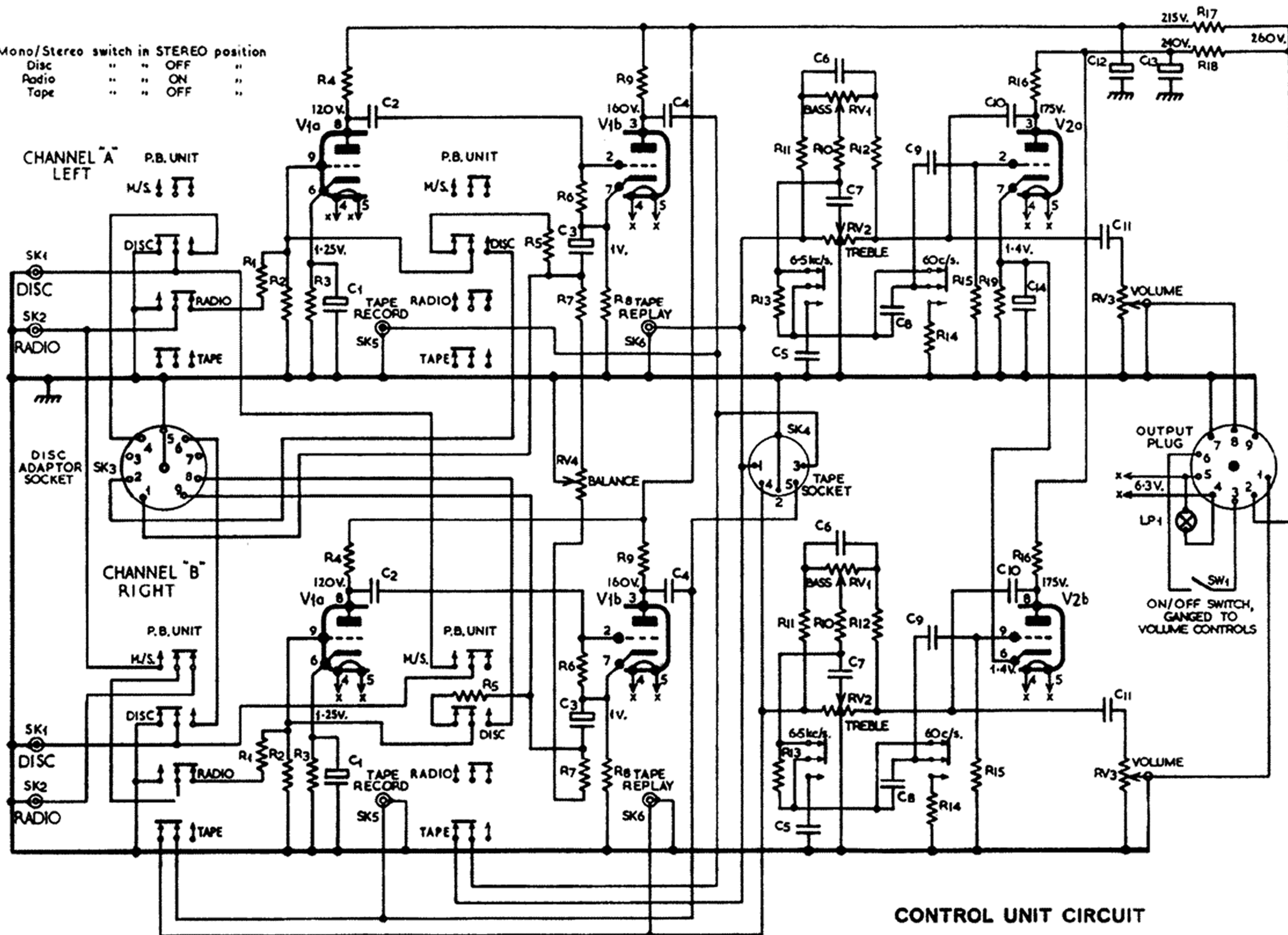


**"RD" CADET III
STEREO AMPLIFIER**

Mono/Stereo switch in STEREO position
 Disc " " OFF "
 Radio " " ON "
 Tape " " OFF "



CONTROL UNIT CIRCUIT

COMPONENT VALUES

AMPLIFIER

| Resis- tors | Value | Toler- ance | Rating | Type |
|----------------|---------|----------------|--------|----------------|
| R1 | 4.7K | 10% | ½ watt | Carbon |
| R2 | 1megohm | 10% | ½ watt | Carbon |
| R3 | 1.2K | 10% | ½ watt | Carbon |
| R4 | 220ohms | 5% | ½ watt | High Stability |
| R5 | 220K | 10% | ½ watt | Carbon |
| R6 | 1megohm | 10% | ½ watt | Carbon |
| R7 | 1K | 10% | ½ watt | Carbon |
| R8 | 47K | 5% | ½ watt | Carbon |
| R9 | 47K | 5% | ½ watt | Carbon |
| R10 | 470K | 10% | ½ watt | Carbon |
| R11 | 470K | 10% | ½ watt | Carbon |
| R12 | 22K | 10% | ½ watt | Carbon |
| R13 | 22K | 10% | ½ watt | Carbon |
| R14 | 130ohms | 5% | 1 watt | Carbon |
| R15 | 6.8K | 5% | ½ watt | High Stability |
| R16 | 5.6K | 10% | 1 watt | Carbon |
| R17 | 470ohms | 10% | 1 watt | Carbon |
| R18 | 2.2ohms | 10% | 4 watt | Wire Wound |

| Capaci- tors | Value | Rating | Type | Toler- ance |
|-----------------|---------|--------|--------------|----------------|
| C1 | 40mfd | 16V | Electrolytic | — |
| C2 | .022mfd | 400V | Polyester | 10% |
| C3 | 400pf | 350V | Polystyrene | 10% |
| C4 | .1mfd | 400V | Polyester | 10% |
| C5 | .1mfd | 400V | Polyester | 10% |
| C6 | 40mfd | 16V | Electrolytic | — |
| C7 | 680pf | 350V | Polystyrene | 10% |
| C8 | 16mfd | 350V | Electrolytic | — |
| C9 | 16mfd | 350V | Electrolytic | — |
| C10 | 100mfd | 275V | Electrolytic | — |
| C11 | 100mfd | 275V | Electrolytic | — |

Valves

V1 a/b ECL86

V2 a/b ECL86

Silicon Rectifiers

MR1/MR2 BY114

Fuses

F1 ½A. 1½" glass cartridge pattern. Anti-surge.

F2 1A. 1½" glass cartridge pattern. Anti-surge.
(110V Range 2A.)

CONTROL UNIT

| Resis- tors | Value | Toler- ance | Rating | Type |
|----------------|-----------|----------------|--------|----------------|
| R1 | 470K | 5% | ½ watt | High Stability |
| R2 | 820K | 5% | ½ watt | High Stability |
| R3 | 2.2K | 5% | ½ watt | High Stability |
| R4 | 220K | 5% | ½ watt | High Stability |
| R5 | 33K | 5% | ½ watt | High Stability |
| R6 | 8.2megohm | 10% | ½ watt | Carbon |
| R7 | 270 ohms | 5% | ½ watt | High Stability |
| R8 | 2.2K | 5% | ½ watt | High Stability |
| R9 | 100K | 10% | ½ watt | Carbon |
| R10 | 470K | 10% | ½ watt | Carbon |
| R11 | 100K | 10% | ½ watt | Carbon |
| R12 | 100K | 10% | ½ watt | Carbon |
| R13 | 330K | 10% | ½ watt | Carbon |
| R14 | 270K | 10% | ½ watt | Carbon |
| R15 | 270K | 10% | ½ watt | Carbon |
| R16 | 100K | 10% | ½ watt | Carbon |
| R17 | 22K | 10% | ½ watt | Carbon |
| R18 | 10K | 10% | ½ watt | Carbon |
| R19 | 1K | 5% | ½ watt | High Stability |

| Capaci- tors | Value | Rating | Type | Toler- ance |
|-----------------|---------|--------|--------------|----------------|
| C1 | 40mfd | 16V | Electrolytic | — |
| C2 | .022mfd | 400V | Polyester | 10% |
| C3 | 40mfd | 16V | Electrolytic | — |
| C4 | .1mfd | 400V | Polyester | 10% |
| C5 | 400pf | 400V | Polystyrene | 10% |
| C6 | 4700pf | 400V | Polyester | 10% |
| C7 | 100pf | 400V | Polystyrene | 5% |
| C8 | 1200pf | 125V | Polystyrene | 5% |
| C9 | 1500pf | 125V | Polystyrene | 5% |
| C10 | .1mfd | 400V | Polyester | 10 |
| C11 | .047mfd | 160V | Polyester | 20% |
| C12 | 16mfd | 350V | Electrolytic | —% |
| C13 | 16mfd | 350V | Electrolytic | — |
| C14 | 100mfd | 4V | Electrolytic | — |

Potentiometers

RV1 Dual 1 megohm LIN

RV2 Dual 500K LIN Centre Tapped

RV3 Dual 250K LOG + Switch

RV4 Dual 1K LIN

Dial Bulb

LP1 8V. 1W. L.E.S.

Valves

V1 a/b ECC 807

V2 a/b ECC 807

IMPORTANT: Save the carton together with all fittings in case it may be necessary to return the unit for service. If this does prove necessary, great care should be taken in packing so as to minimise the possibility of damage being sustained in transit. Any transit damage resulting from inadequate packing will not be covered by our Guarantee nor will it be covered by the Carriers. Where possible we recommend that equipment be returned by Passenger Train at Company's Risk.

ROGERS DEVELOPMENTS (ELECTRONICS) LTD.

'RODEVCO WORKS' 4/14 BARMESTON ROAD CATFORD LONDON
S.E.6 ENGLAND