



*Avantic*

Fig. 3. Circuit diagram of power amplifier. (For component values, see page 18).  
Rear view of power output socket : (a) standard version (b) American version.

# Components list

## RESISTORS

R1	4.7K $\Omega$
R2	390K $\Omega$ , High Stability, $\frac{1}{4}$ W
R3	100K $\Omega$ , High Stability, $\frac{1}{2}$ W.
R4	4.7K $\Omega$
R5	2.2K $\Omega$
R6	100 $\Omega$ , High Stability, $\frac{1}{4}$ W.
R7	1.0M $\Omega$
R8	82K $\Omega$
R9	270K $\Omega$
R10	15K $\Omega$ , $\pm 20\%$ , 2 W.
R11	180K $\Omega$ , $\pm 2\%$
R12	180K $\Omega$ , $\pm 2\%$
R13	3.9K $\Omega$ , High Stability
R14	8.2K $\Omega$ , High Stability, $\frac{1}{2}$ W.
R15	470K $\Omega$ , $\pm 2\%$
R16	470K $\Omega$ , $\pm 2\%$
R17	2.2K $\Omega$
R18	470 $\Omega$ , Wire Wound 10 W.
R19	470 $\Omega$ , Wire Wound 10 W.
R20	2.2K $\Omega$
R21	1K $\Omega$
R22	1K $\Omega$
VR1	1M $\Omega$ , Volume Control, 10% log law

## CAPACITORS

C1	0.05 $\mu$ F, 350 V.
C2	50 $\mu$ F., 6 V. Electrolytic
C3	600pF, $\pm 10\%$
C4	0.25 $\mu$ F, 350 V.
C5	10 $\mu$ F, 350 V. Electrolytic
C6	40 $\mu$ F, 500 V., Electrolytic*
C7	0.5 $\mu$ F, 350 V.
C8	0.5 $\mu$ F, 350 V.
C10	75pF, $\pm 10\%$
C11	40 $\mu$ F, 500 V., Electrolytic*
C12	50 $\mu$ F, 50 V., Electrolytic
C13	50 $\mu$ F, 50 V., Electrolytic
C14	4 $\mu$ F, 600 V., Oil filled paper

\*In common can

## VALVES

V1	EF85: Audio Amplifier
V2	ECC83: Phase Splitter
V3	EL34: Power Output
V4	EL34: Power Output
V5	GZ34: Rectifier