Amplifier with Two Power Tubes Parts List (see Figure 1)

Resistors, if not marked otherwise, are metal film 0.6 W, 1% tolerance, MO = Metal Oxide 2 W, 2% tolerance, and MOX = Metal Oxide 4.5 W, 5% tolerance

Capacitors

C1 2.2 µF/50 V, nonpolar

C2 100 pF, ceramic

C3 22 µF/500 V, ax

C4-8 0.22 µF/630 V, MKP 10

C9 22 µF/100 V

C10 22 µF/500 V, ax

C11 10 pF, ceramic

Diodes

D1 1 N 4148

D2–5 Zener diode, 100 V/1.3 W

PCBs

2 noval socket, print mounting

2 octal socket, print mounting

Circuit board, epoxy resin glasfiber reinforced, 70 µm copper cover, 150 mm × 160 mm, (board number –EE-310 A)

Potentiometers

P1 trim pot PT 15 Lv 25 kΩ

P2,3 trim pot PT 10 Lv 25 kΩ

Relay

Rel 1 Relay, 12 V, SPST, gold-plated contacts

Resistors

R1,2 100 kΩ

R3 2.2 kΩ

R4 100 kΩ, MO

R5 470 kΩ, MO

R6 2.2 kΩ

R7 470 kΩ

R8 1 kΩ

R9,10 33 kΩ, MO

R11,12 470 kΩ

R13 1 kΩ

R14,15 33 kΩ, MO

R16,17 220 kΩ

R18,19 47 kΩ

R20-22 2.2 kΩ

R23,24 10 Ω, MO

R25,26 See Table (=Rg2)

R28 See Table (=RA)

R29 See Table (=RGK)

Tubes

V1,2 ECC 82

V3,4 See Table