Amplifier with Four Power Tubes Parts List (see Figure 2)

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 pF/50 V, ceramic

C2 22 µF/50 V, nonpolar

C3–5 0.22 µF/630 V, MKP

C6 33 pF, ceramic

C7,8,10 0.22 µF/630 V, MKP

C9 22 µF/100 V

C11 10 pF, ceramic

C12 22 µF/500 V, ax

C13 22 µF/ 100 V

Diodes

D1 1 N 4148

D2–5 Zener diode, 100 V/1.3 W

PCBs

2 noval sockets, print mounting

2 octal sockets, print mounting

Circuit board, epoxy resin glasfiber reinforced, 70 µm copper cover, 126 mm × 343 mm, (board number –EE-129 D)

Potentiometers

P1 trim pot PT 15 Lv 25 kΩ

P2,3 trim pot PT 10 Lv 25 kΩ

Relay

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

Resistors

R1 2.2 kΩ

R2 100 kΩ MO

R3 100 kΩ

R4 2.2 kΩ, MO

R5 470 kΩ

R6 33 kΩ, MO

R7 1.5 kΩ

R8 33 kΩ

R9 1 kΩ

R10 See Table (=RGK)

R11,12 470 kΩ

R13—15 33 kΩ, MO

R16,17 47 kΩ

R18,19 220 kΩ

R20–23 2.2 kΩ

R24,25 See Table (=Rg2)

R25,26 2.2 kΩ

R27,28 47 kΩ

R29,30 220 kΩ

R31,32 10 Ω, MO

R33,34 See Table (=Rg2)

R35,36 10 Ω, MO

Tubes

Rö1,2 ECC 82

Rö3-6 See Table