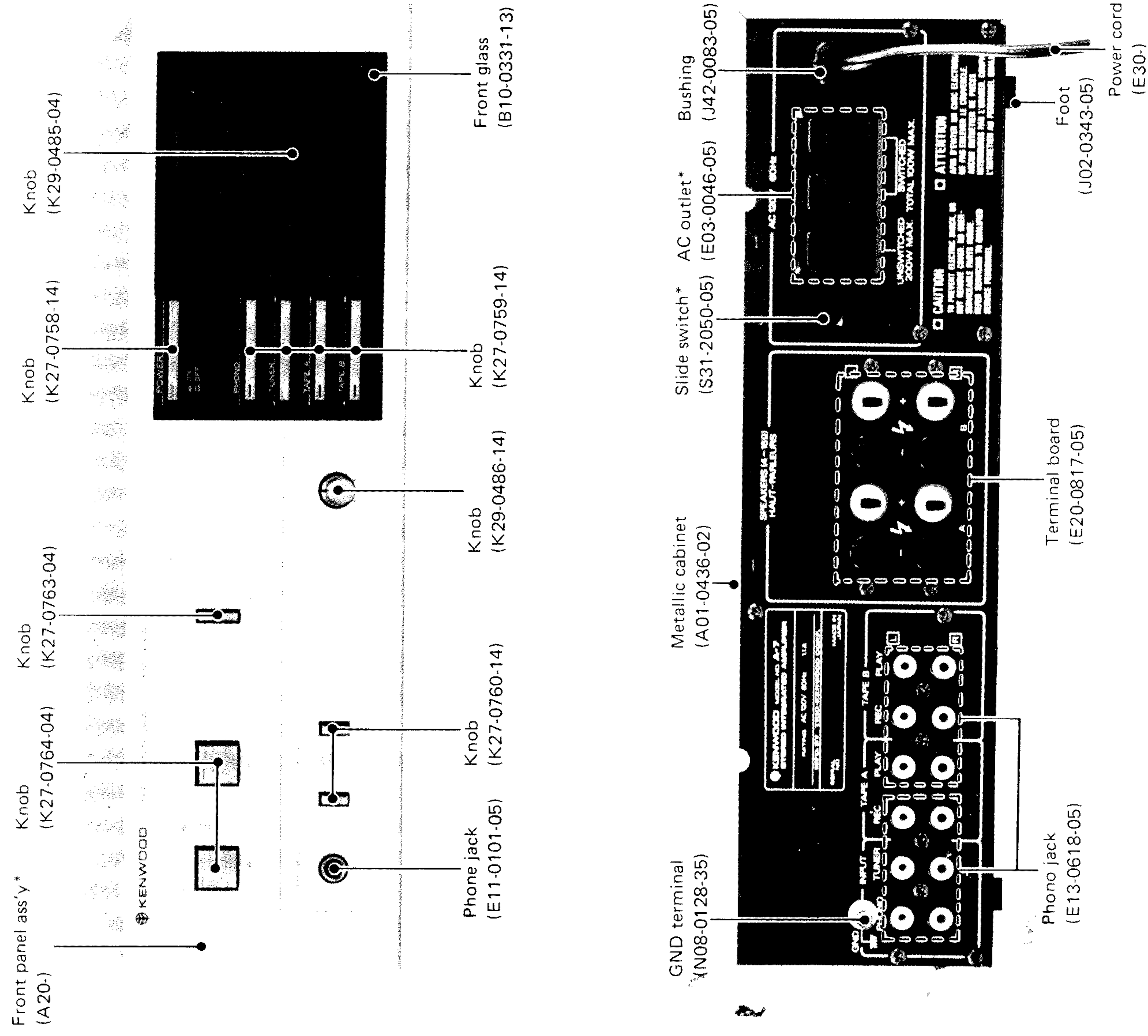
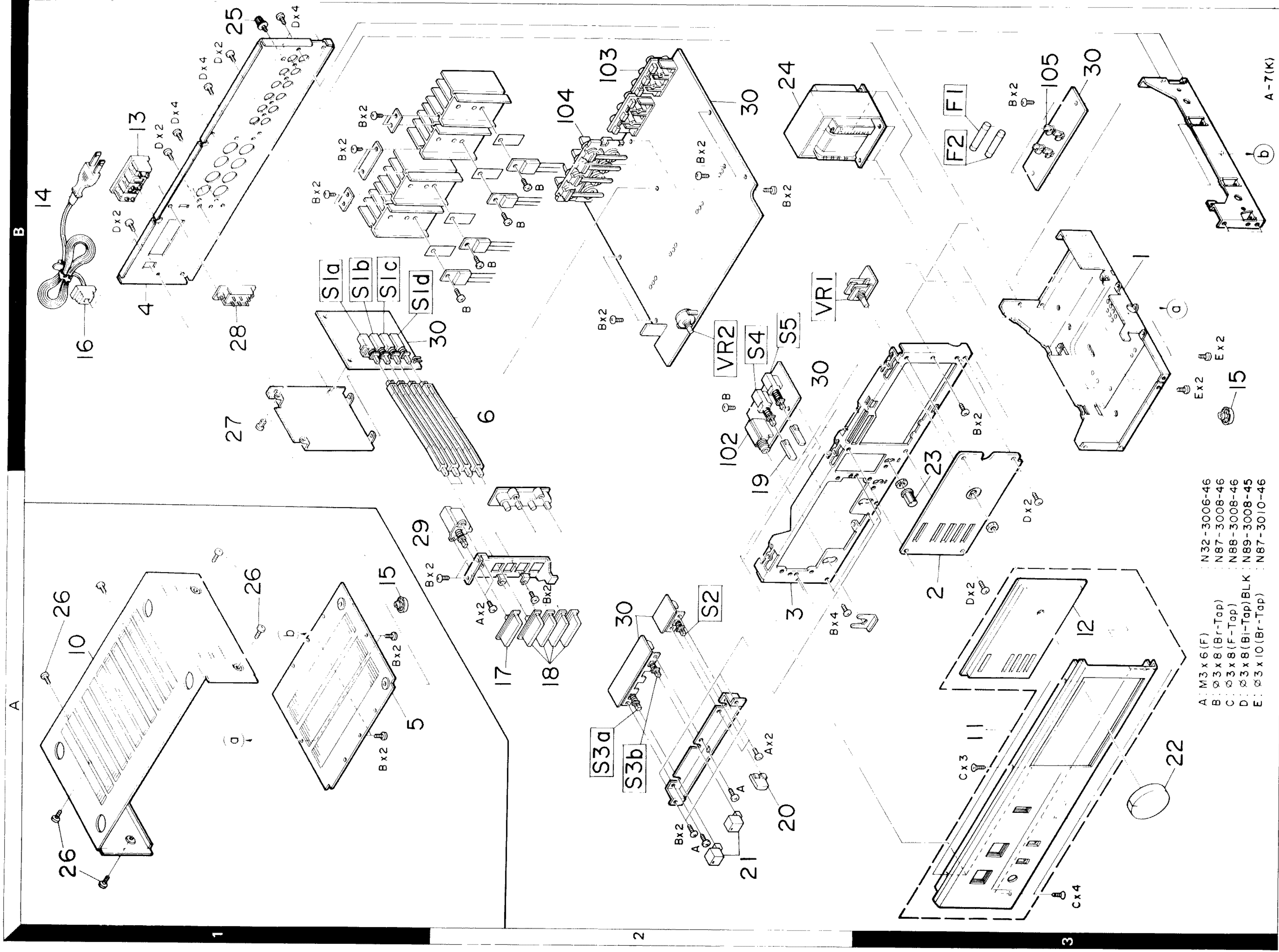


### STEREO INTEGRATED AMPLIFIER



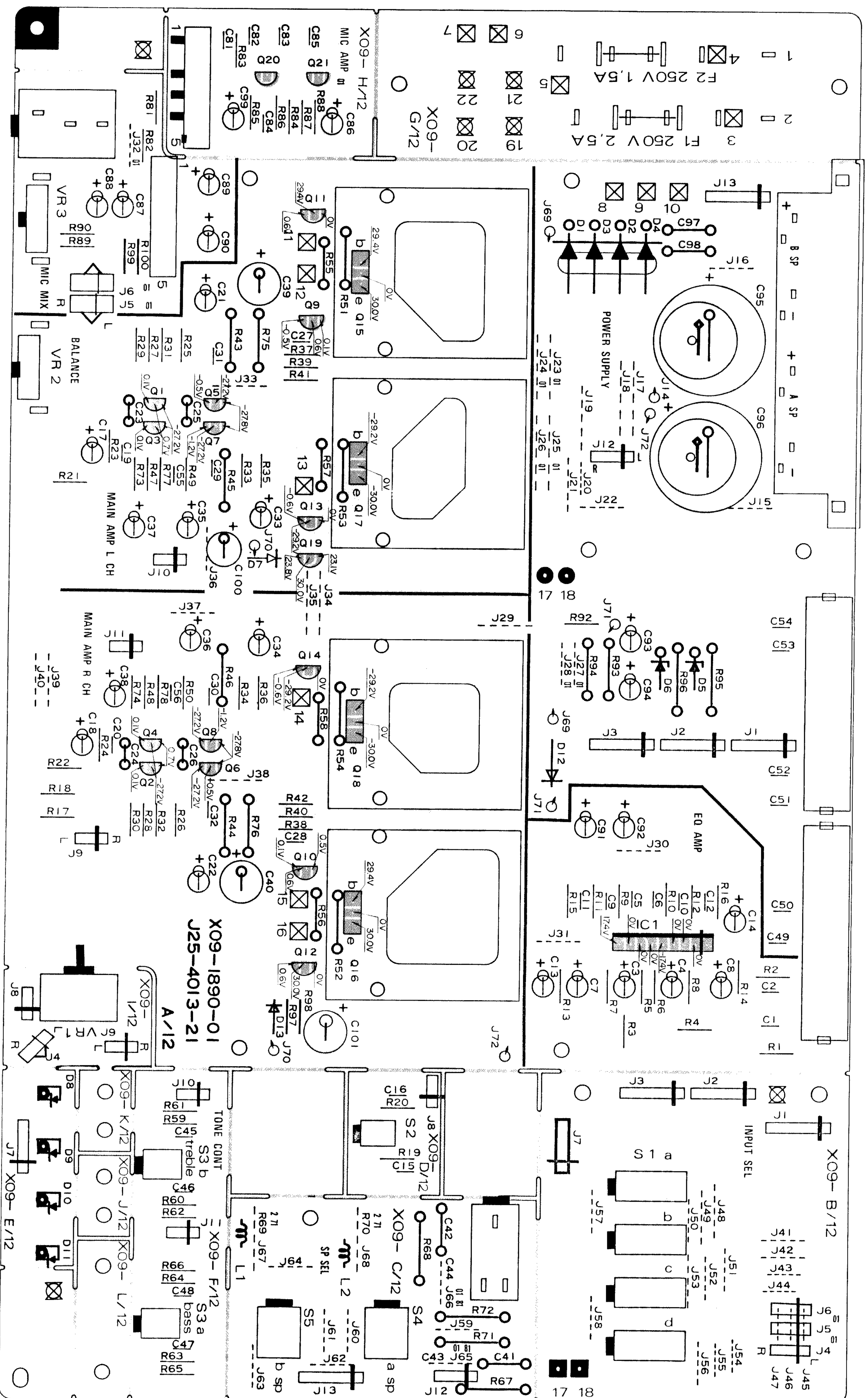
\*Refer to parts list on page 4.

### EXPLODED VIEW



PC BOARD

AUDIO (X09-1890-10) Component side view

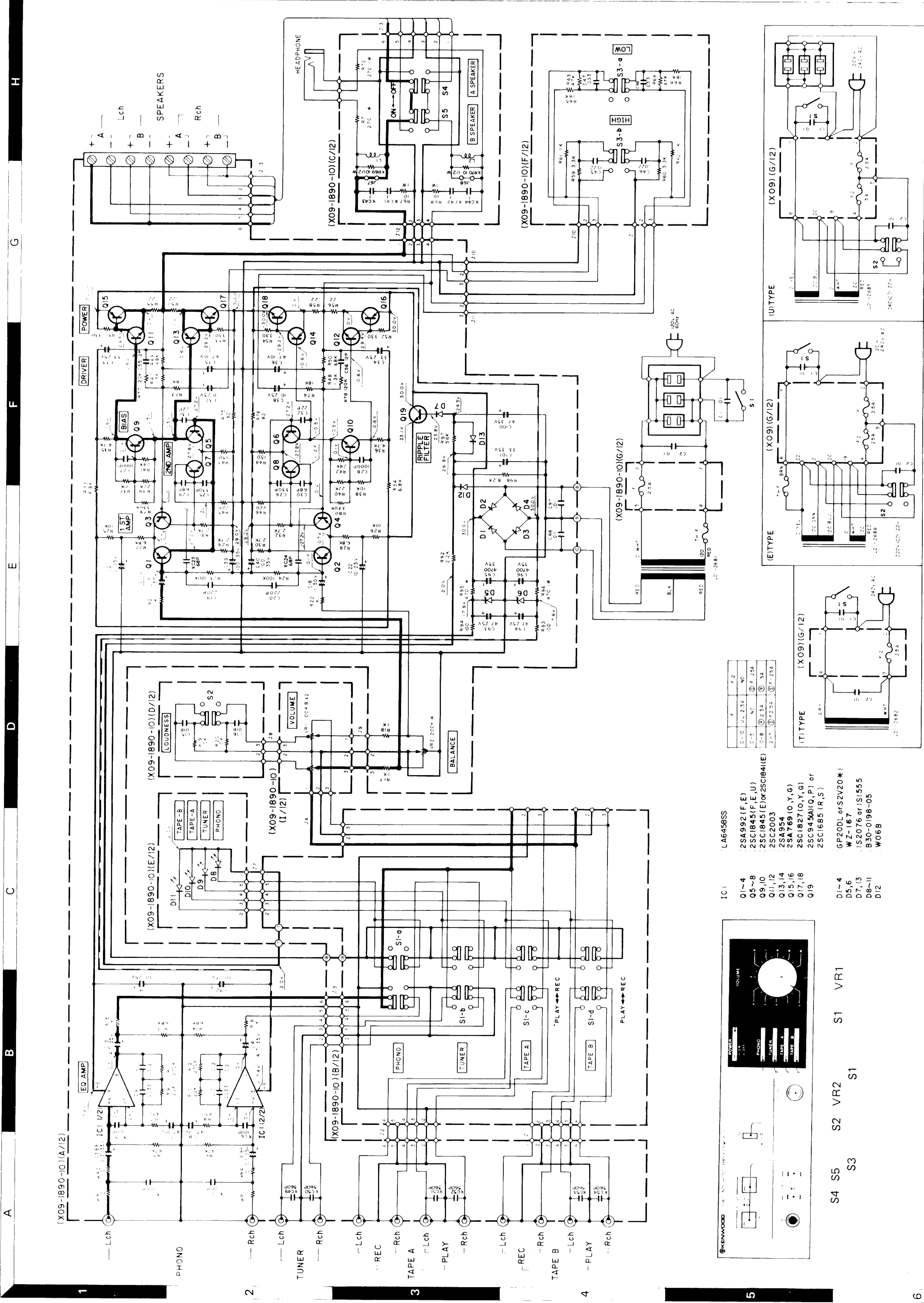


In this model, there are separated pc boards which were originally one. These separated pc boards can't be shipped independently.

Part No. of pc board	Separated portion no.
X09-1230-00 (A/3)	
X09-1230-00 (B/3)	
X09-1230-00 (C/3)	

In the example shown above, separated portion can't be ordered independently. In case only A/3 was ordered, pc board assy of X09-1230-00, which all A/3, B/3, C/3 included, will be shipped.

Refer to the schematic diagram for the values of capacitors and resistors. The PC board drawing is viewed from the side easy to check.



### SPECIFICATIONS

Power output  
22 watts\* per channel minimum RMS, both channels driven, at 8 ohms from 40 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion.

- Total Harmonic Distortion  
AUX input to SPEAKER output  
(40 Hz to 20,000 Hz)..... 0.09% at rated power into 8 ohms  
(40 Hz to 20,000 Hz)..... 0.05% at 1/2 rated power into 8 ohms
- PHONO input to SPEAKER output (1 kHz)..... 0.05% at rated power with VOLUME - 20 dB  
Intermodulation Distortion..... 0.09% at rated power (60 Hz/7 kHz = 4:1)
- Damping Factor..... 30:1 kHz into 8 ohms  
Power Bandwidth..... 20 Hz to 35,000 Hz at 0.2% T.H.D.  
Frequency Response..... 10 Hz to 60 kHz, -0 dB, -3 dB
- Input Sensitivity/Impedance  
Phono..... 2.5 mV/50 k ohms  
Tuner, Tape..... 150 mV/30 k ohms  
Signal-to-Noise Ratio (IHF, A)  
Phono..... 71 dB for 2.5 mV input  
77 dB for 5.0 mV input  
100 dB for 150 mV input  
Phono Maximum Input Level..... 150 mV RMS  
T.H.D. 0.05% at 1,000 Hz
- Output Level/Impedance  
Tape REC (Pin)..... 150 mV T.H.D. 0.05%  
Phono Frequency Response..... RIAA standard,  $\pm 0.3$  dB  
20 Hz to 20,000 Hz
- Boost Control  
Low..... -8 dB at 100 Hz  
High..... -8 dB at 10 kHz  
Loudness Control..... -3 dB at 100 Hz  
at -30 dB VOLUME level
- GENERAL  
Power Requirements..... 60 Hz 120 V U.S.A. & Canada  
Model or 50/60 Hz 110-120 V  
220-240 V, switchable  
1.1 A IUL and CSA  
95 W
- A.C. Outlet..... 20 W A.C. signal  
Dimensions..... Switched 2. Unswitched 1  
1. 108 mm (4.3 in.)  
2. 237 mm (9.4 in.)  
3. 108 mm (4.3 in.)  
Weight..... 2.3 kg (5.1 lb)

\* Transistor Output: Epimex Transistor, Triode Regula  
Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.  
Kenwood strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.  
Kenwood poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

A-7 (K)

**\* CAUTION:**  
When using the substitution, make sure the transistor leads are inserted in the correct position

- 2SA945  
2SA992  
2SC945(A)  
2SC1685  
2SC1841  
2SC1845  
2SC2003
- LA6458SS
- 2SA769  
2SC1827
- LA6458SS

DC voltages are measured by a VOM of 20kΩ/V input impedance.

PARTS LIST

\*New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert!

Table with columns: Ref. No., Parts No., Description, Re. marks. Rows include items like NO STOCK, MAIN CHASSIS, METALLIC CABINET, FRONT PANEL ASSY, etc.

Table with columns: Ref. No., Parts No., Description, Re. marks. Rows include items like BUSHING, POWER TRANSFORMER, SLIDE SWITCH, AUDIO AMP PCB ASSY, etc.

Table with columns: Ref. No., Parts No., Description, Re. marks. Rows include items like ELECTRO 10UF, ELECTRO 100UF, MYLAR 0.01UF, CERAMIC 220PF, etc.

PARTS LIST

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