

2SA1124  
2SA733 (A)  
2SA988  
2SA999  
2SC1845  
2SC2320

2SC2631  
2SC2632  
2SC945 (A)

2SD571

2SC2590

2SK105  
2SK105A  
2SK163  
2SK301

NJM4560D (A)

IR2E01

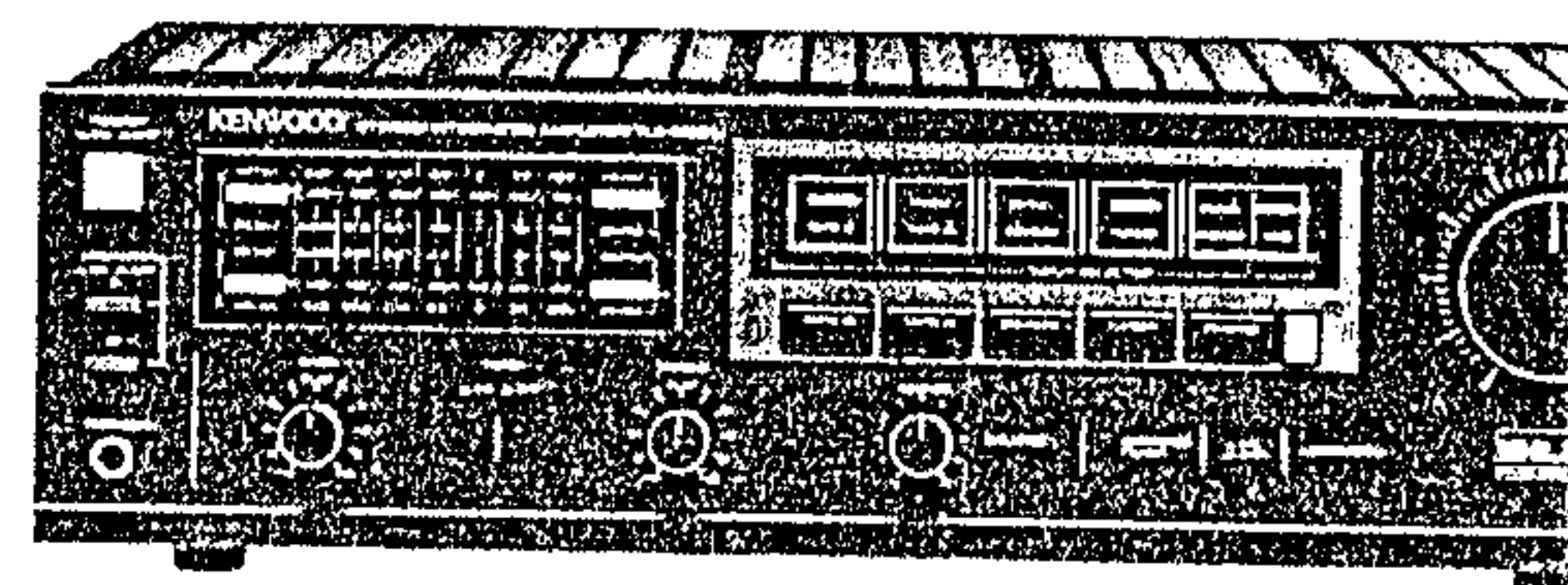
UPC1237H

TA2030

TA2040

CAUTION: For continued safety, replace safety critical components. To reduce the risk of fire, replace only with the recommended type and rating. Do not acceptably insulated from the supply circuit) before





## Specifications

### Audio Section

**Power Output**  
110 watts\* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.04% total harmonic distortion.

**Both Channels Driven at 8 ohms.**  
1 kHz ..... 120 W + 120 W (Except USA and Canada)

**Dynamic Power Output at**  
4 ohms ..... 560 W (Except USA and Canada)

**Total Harmonic Distortion**  
CD/AUX input to SPEAKER output  
(20 Hz to 20,000 Hz) ..... 0.04% at rated power into 8 ohms  
(20 Hz to 20,000 Hz) ..... 0.02% at 1/2 rated power into 8 ohms

**PHONO input to SPEAKER**  
output (1 kHz) ..... 0.02% at rated power with VOLUME -20 dB

**Intermodulation Distortion** ..... 0.02% at rated power (60 Hz:7 kHz = 4:1) into 8 ohms

**Damping Factor** ..... 50 (1 kHz into 8 ohms)

**Power Bandwidth** ..... 10 Hz to 80 kHz at 0.2% T.H.D.

**Frequency Response** ..... 5 Hz to 100 kHz, +0 dB, -3 dB

### Input Sensitivity/Impedance

Phono ..... 2.5 mV/47 k ohms

Tuner, Tape, CD/AUX ..... 150 mV/47 k ohms

### Signal-to-Noise Ratio (IHF, A)

Phono ..... 73 dB for 2.5 mV input  
79 dB for 5.0 mV input

Tuner, Tape, CD/AUX ..... 108 dB for 150 mV input

Phono Maximum Input Level ..... 170 mV (RMS), T.H.D. 0.05% at 1,000 Hz

### Output Level/Impedance

Tape REC (Pin) ..... 150 mV/330 ohms

Phono Frequency Response ..... RIAA standard curve  $\pm 0.3$  dB (20 Hz to 20,000 Hz)

### Tone Control

Bass .....  $\pm 10$  dB at 100 Hz

Treble .....  $\pm 10$  dB at 10 kHz

Subsonic Filter ..... 18 Hz, 6 dB/oct.

Loudness Control ..... +10 dB at 100 Hz (at -30 dB VOLUME Level)

### General

**Power Requirements** ..... 60 Hz 120 V (U.S.A. & Canada models), 50 Hz 220 V (European model) or 50/60 Hz 120 V/220 V 240 V, switchable

**Power Consumption** ..... 3.5 A (UL and CSA)

650 W (IEC)

650 W (Others)

**Dimensions** ..... W 420 mm (16-17/32")

H 138 mm (5-7/16")

D 332 mm (13-5/16")

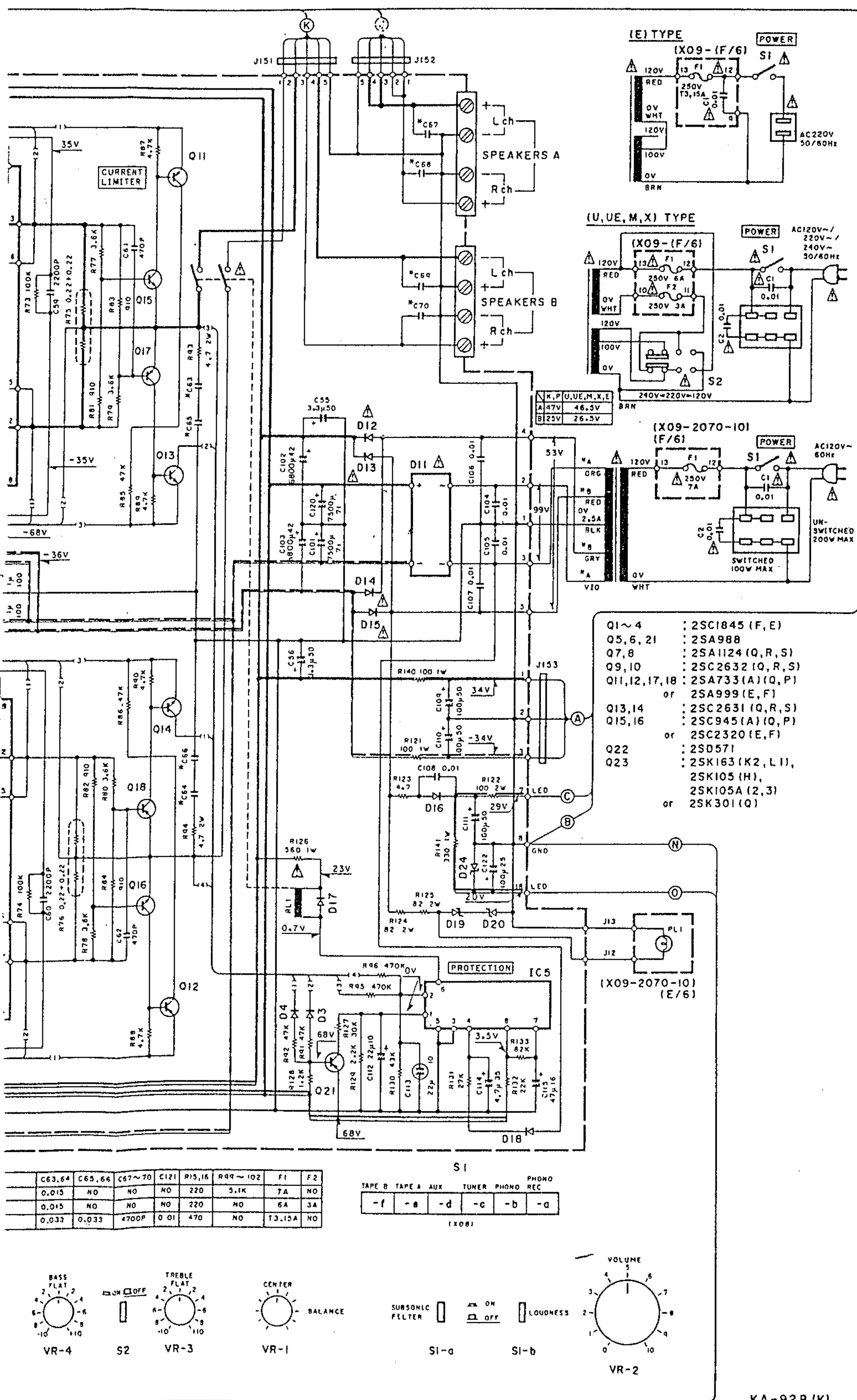
**Weight** ..... 8.9 kg (19.6 lb)

Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Kenwood poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

DC voltages are as measured with a high impedance voltmeter with no signal input. Values may vary slightly due to variations between individual instruments or/and unit.



KA-92B (K)

replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  Indicates reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are only circuit) before the appliance is returned to the customer.