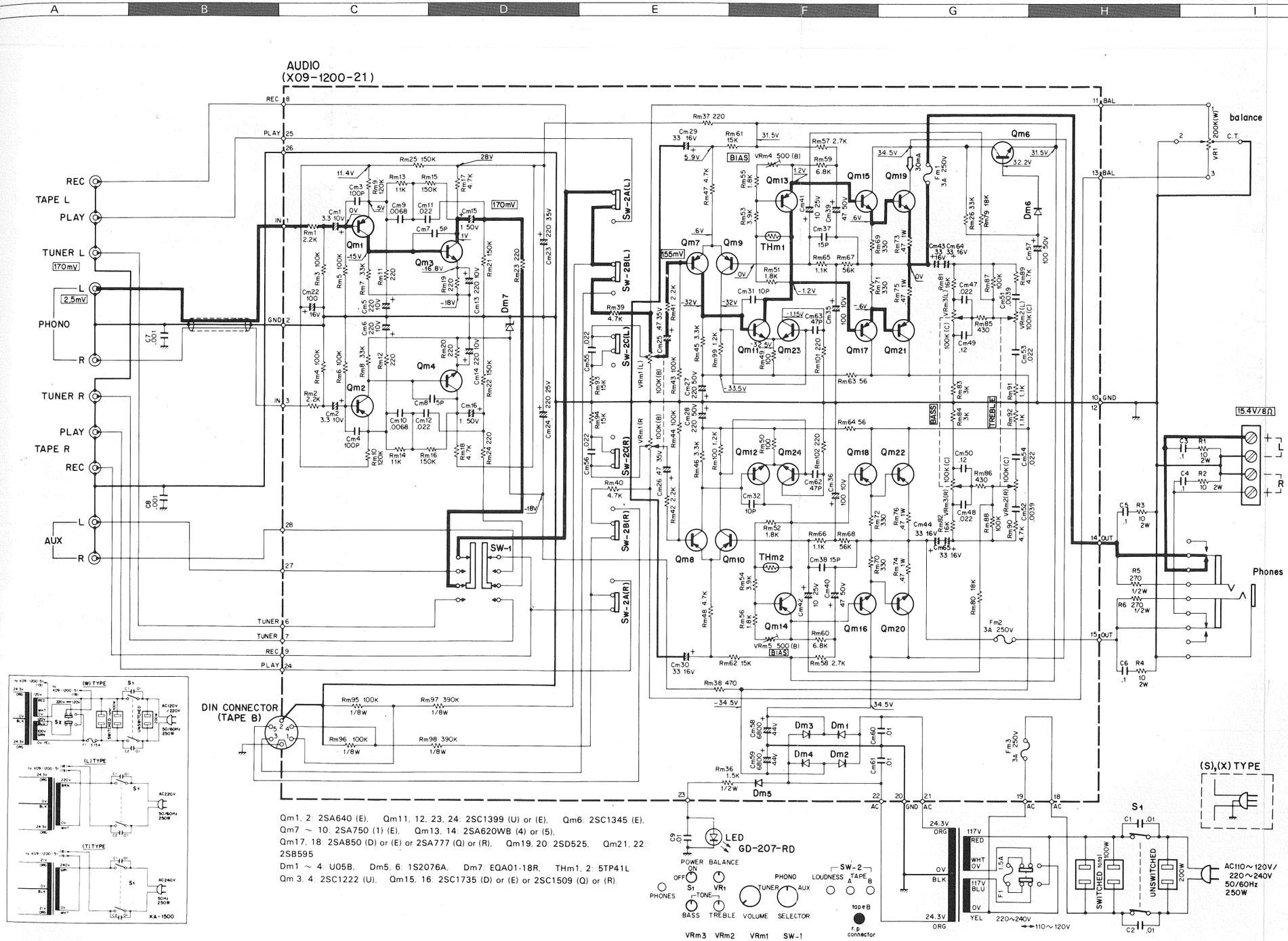
# KENWOOD

# STEREO INTEGRATED AMPLIFIER

# KA-1500




Qm1, 2: 2SA640 (E), Qm11, 12, 23, 24: 2SC1399 (U) or (E), Qm6: 2SC1345 (E),
Qm7 ~ 10: 2SA750 (1) (E), Qm13, 14: 2SA620WB (4) or (5),
Qm17, 18: 2SA850 (D) or (E) or 2SA777 (Q) or (R), Qm19, 20: 2SD525, Qm21, 22: 2SB595
Dm1 ~ 4: U05B, Dm5, 6: 1S2076A, Dm7: EQA01-18R, THm1, 2: 5TP41L
Qm 3, 4: 2SC1222 (U), Qm15, 16: 2SC1735 (D) or (E) or 2SC1509 (Q) or (R)

## SPECIFICATIONS

### POWER AMPLIFIER SECTION

| | |
|---|---|
| **Power Output:** | 30 watts per channel minimum, RMS at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.1% total harmonic distortion<br>25 watts per channel minimum, RMS at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.1% total harmonic distortion. (T type) |
| **Both channel driven:** | 35 + 35 watts 8 ohms at 1,000 Hz<br>29 + 29 watts 8 ohms at 1,000 Hz (T type)<br>38 + 38 watts 4 ohms at 1,000 Hz (DIN 44 watts)<br>36 + 36 watts 4 ohms at 1,000 Hz (T type) |
| **Dynamic Power Output:** | 100 watts 4 ohms (DIN 130 watts) |
| **Total Harmonic Distortion:** | 0.1% at rated power into 8 ohms<br>0.05% at 1 watt into 8 ohms |
| **Intermodulation Distortion: (60 Hz : 7 kHz = 4 : 1)** | 0.1% at rated power into 8 ohms<br>0.05% at 1 watt into 8 ohms |
| **Power Bandwidth:** | 20 Hz to 35,000 Hz |
| **Damping Factor:** | 30 at 8 ohms |
| **Speaker Impedance:** | Accept 4 ohms to 16 ohms |

### PREAMPLIFIER SECTION

**Input Sensitivity/Impedance/Signal to Noise Ratio (IHF A)**

| | | | |
|---|---|---|---|
| **PHONO:** | 2.5 mV | 50 kohms | 70 dB |
| **TUNER:** | 160 mV | 50 kohms | 90 dB |
| **AUX:** | 160 mV | 50 kohms | 90 dB |
| **TAPE:** | 160 mV | 50 kohms | 90 dB |

| | |
|---|---|
| **Maximum Input Level for Phono** | 150 mV (rms), T.H.D. 0.1% at 1,000 Hz |
| **Output Level/Impedance** | |
| **TAPE REC (PIN):** | 160 mV 240 ohms |
| **(DIN): TAPE B** | 30 mV 39 kohms |
| **Frequency Response** | |
| **PHONO:** | RIAA standard curve +0.5 dB, −0.5 dB |
| **AUX and TAPE:** | 20 Hz to 30,000 Hz +1 dB, −1 dB |
| **Tone Control** | |
| **BASS:** | ±8 dB at 100 Hz |
| **TREBLE:** | ±8 dB at 10,000 Hz |
| **Loudness Control (−30 dB):** | +7 dB at 100 Hz |

### GENERAL

| | |
|---|---|
| **Power Requirement:** | AC 50/60 Hz 110 ~ 120V, 220 ~ 240V switchable |
| **Power Consumption:** | 250 watts at full power |
| **AC Outlet:** | Switched 1, Unswitched 2 |
| **Dimension:** | W 14-31/32" (380 mm), H 5-1/2" (140 mm), D 10-7/16" (265 mm) |
| **Weight (Net):** | 14.8 lbs (6.7 kg) |
| **(Gross):** | 17.0 lbs (7.7 kg) |
| **Weight (Net) (T type):** | 15.9 lbs (7.2 kg) |
| **(Gross) (T type):** | 18.0 lbs (8.2 kg) |