

SPECIFICATIONS

POWER AMPLIFIER SECTION

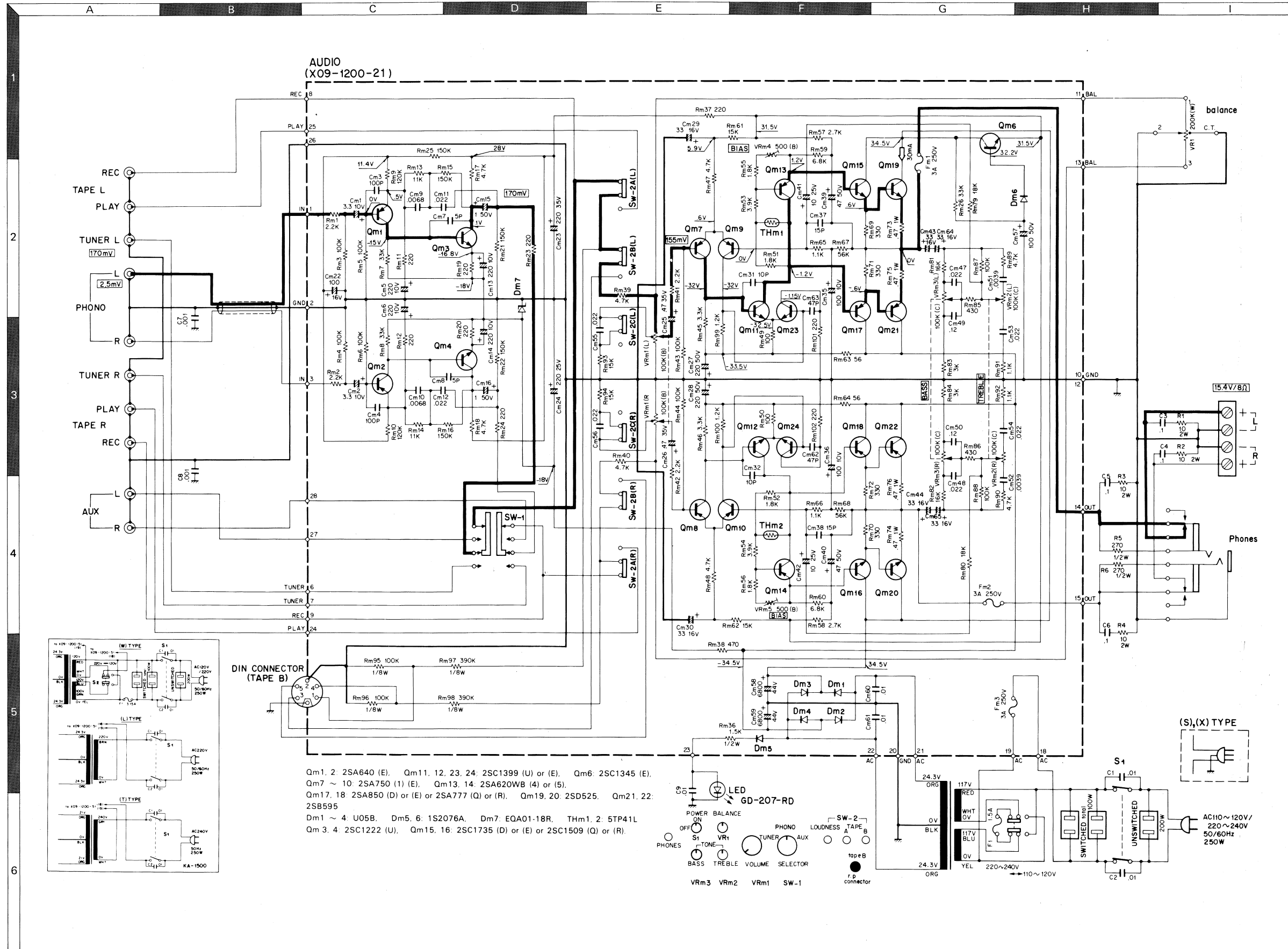
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|------------------------------------|--|
| Power Output: | 30 watts per channel minimum, RMS at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.1% total harmonic distortion. 25 watts per channel minimum, RMS at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.1% total harmonic distortion (T type). |
| Both channel driven: | 35 + 35 watts 8 ohms at 1,000 Hz 29 + 29 watts 8 ohms at 1,000 Hz (T type) 38 + 38 watts 4 ohms at 1,000 Hz (DIN 44 watts) 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 0.05% at 1 watt into 8 ohms |
| Intermodulation Distortion: | 0.1% at rated power into 8 ohms 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 Output Level/Impedance | 150 mV (rms), T.H.D. 0.1% at 1,000 Hz |
| 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 |

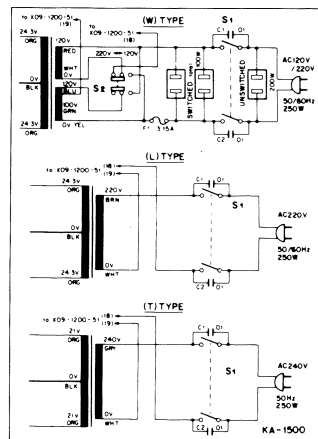
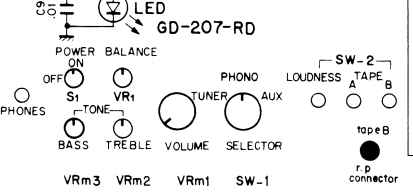
GENERAL

| | |
|-------------------------------|--|
| Power Requirement: | AC 50/60 Hz 110 ~ 120V, 220 ~ 240V switchat |
| 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) |



AUDIO (X09-1200-21)

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
Qm3, 4: 2SC1222 (U), Qm15, 16: 2SC1735 (D) or (E) or 2SC1509 (Q) or (R).



DIN CONNECTOR (TAPE B)

(S)₁(X) TYPE

1
2
3
4
5
6