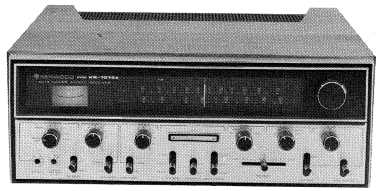

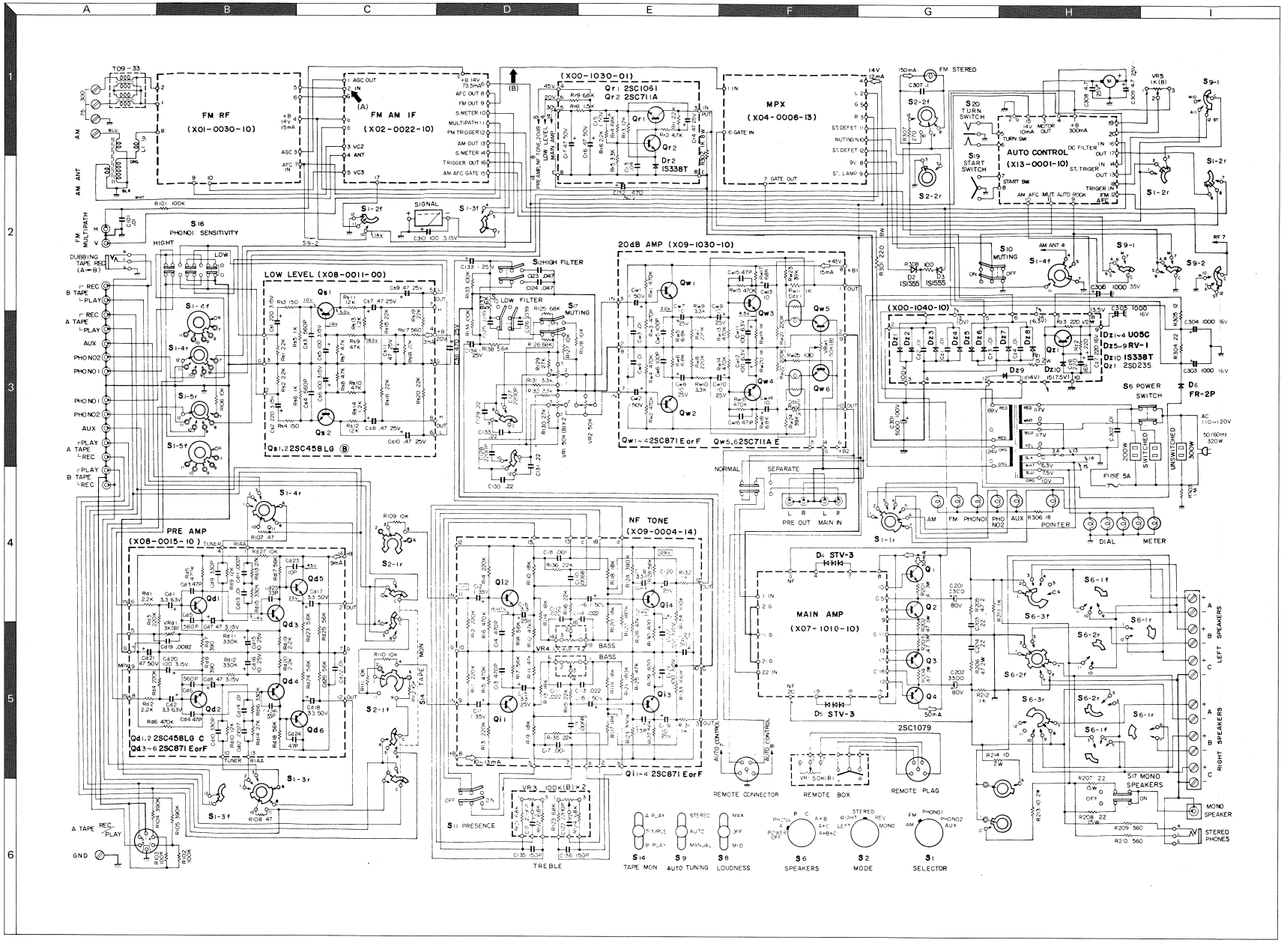

SPECIFICATIONS

FM TUNER SECTION

Antenna Impedance	: 300 ohms balanced 75 ohms unbalanced
Usable Sensitivity (IHF)	: 1.5μ V
Frequency Response	: 20 Hz to 15,000 Hz +0, −2dB
Harmonic Distortion (at 400 Hz, 100% Mod.)	: Mono : Less than 0.4% Stereo : Less than 0.6%
Signal to Noise Ratio	: Better than 70 dB
Capture Ratio (IHF)	: 1.5 dB
Selectivity IHF (Alt. Channel)	: Better than 75 dB
Image Rejection	: Better than 100 dB
IF Rejection	: Better than 100 dB
Spurious Signal Rejection	: Better than 100 dB
AM Supersession	: Better than 55 dB
Stereo Separation	: Better than 40 dB at 1,000 Hz Better than 25 dB at 10,000 Hz
Sub Carrier Suppression	: Better than 55 dB

AM TUNER SECTION

Antenna	: Built-in ferrite loopstick antenna External antenna terminals
Usable Sensitivity (IHF)	: 15 μV
Signal to Noise Ratio	: 50 dB at 1 mV input
Selectivity (IHF)	: Better than 30 dB
Image Rejection	: Better than 70 dB
IF Rejection	: Better than 60 dB

AMPLIFIER SECTION

Dynamic Power Output (IHF)	: 300 watts both channels at 4 ohms 220 watts both channels at 8 ohms
Continous Power Output	
Each Channel Driven	: 110/110 watts at 4 ohms 90/90 watts at 8 ohms
Both Channels Driven	: 95/95 watts at 4 ohms 80/80 watts at 8 ohms
Mono Output	: 5 watts
Harmonic Distortion	: Less than 0.5% at rated output : Less than 0.05% at −3 dB rated output
Intermodulation Distortion	: Less than 0.5% at rated output : Less than 0.1% at −3 dB rated output
Frequency Response	
Main Input	: 5 Hz to 120,000 Hz ±1.5 dB
High Level (Aux) Input	: 12 Hz to 40,000 Hz ±1.5 dB
Power Bandwidth (IHF)	: 10 Hz to 30,000 Hz
Input Sensitivity (for rated output)	: PHONO 1 : 0.05 mV (20μ ohms) (switchable) : 2.5 mV (50k ohms) : PHONO 2 : 2.5 mV (50k ohms) : AUX/TAPE PLAY : 200 mV (100k ohms) : Main Input : 1V (100k ohms)
Recording Output (below rated input)	: Pin Jack : 200 mV : DIN Connector : 40 mV : DUBBING : 200 mV
Hum & Noise (below rated output)	: PHONO 1 : 45 dB (0.05 mV) 65 dB (2.5 mV) PHONO 2 : 65 dB AUX/TAPE PLAY : 75 dB
Damping Factor	50 at 8 ohms 100 at 16 ohms
Speaker Impedance	accepts 4 to 16 ohms
Bass Control	±10 dB at 100 Hz
Treble Control	±10 dB at 10,000 Hz
Low Filter	−7 dB at 100 Hz
High Filter	−10 dB at 10,000 Hz
Loudness Control (at −30 dB)	MAX +10 dB at 100 Hz, +5 dB at 10,000 Hz MID +6 dB at 100 Hz
Presence Control	700 Hz +6 dB at 700 Hz
Audio Muting	−20 dB

GENERAL

Switches SPEAKERS	: POWER OFF, A, PHONES, B, C, A+B, A+C, A+B+C.
SELECTOR MODE	: AM, FM, PHONO 1, PHONO 2, AUX LEFT, RIGHT, STEREO, REV, MONO
Lever-Action Switches	: TAPE MONITOR, LOW & HIGH FILTER, FM MUTING, AUTO TUNING, LOUDNESS, AUDIO MUTING.
AC Outlets	: 2 switched & 1 unswitched
Power Voltage	: AC 110-120V/220-240V 50/60 Hz
Power consumption	: 320 watts at full power 40 watts at no signal
Dimensions	: 17" (W) x 6-1/2" (H) x 15" (D)
Weight	: 40 lbs.
Accessory Parts	: Walnut Cabinet AUTOMATIC REMOTE TUNING CONTROLLER and VOLUME CONTROLLER (with 13 feet cord)