

# 1. Specifications

## Power Amplifier Section

Output Power (both channels driven)	:	65 watts per channel, min. RMS into 8 ohms from 20 Hz – 20 kHz with no more than 0.02 % total harmonic distortion
Total Harmonic Distortion (at 65 W)	:	0.005 % at 1 kHz
Intermodulation Distortion (at 65 W)	:	0.01 %
Frequency Response	:	DC–100 kHz $\begin{matrix} +0 \\ -1 \end{matrix}$ dB
Input Sensitivity/Impedance	:	1.5 V/50 k $\Omega$
Load Impedance	:	4 $\Omega$ – 16 $\Omega$ (SYSTEM-1 or 2) 8 $\Omega$ – 16 $\Omega$ (SYSTEM-1 +2)
Damping Factor	:	50 at 8 $\Omega$ (20 Hz – 20 kHz)
Signal to Noise Ratio	:	115 dB (IHF, A network, short circuit)

## Pre-Amplifier Section

Input Sensitivity/Impedance	:	PHONO-1, 2: 2.5 mV/33 k $\Omega$ , 47 k $\Omega$ , 100 k $\Omega$ Selectable TUNER: 200 mV/50 k $\Omega$ AUX: 200 mV/50 k $\Omega$ TAPE PLAY-1, 2: 200 mV/50 k $\Omega$ TAPE REC-1, 2: 200 mV/150 $\Omega$ PRE OUT: 1.5 V/560 $\Omega$
Output Sensitivity/Impedance	:	PHONO: $\pm$ 0.2 dB from RIAA Curve 280 mV (RMS)/790 mV (P-P) at 1 kHz
Phono Equalizer Deviation	:	$\pm$ 0.2 dB from RIAA Curve
Phono Overload	:	280 mV (RMS)/790 mV (P-P) at 1 kHz
Signal to Noise Ratio	:	PHONO: 81 dB (IHF, A network, short circuit) TUNER, AUX, TAPE PLAY: 105 dB (IHF A network, short circuit)
Frequency Response	:	TUNER, AUX, TAPE PLAY, 3 Hz – 100 kHz $\begin{matrix} +0 \\ -1 \end{matrix}$ dB
Loudness Control (at -30 dB Vo. Control)	:	+6 dB at 100 Hz, +4 dB at 10 kHz
Tone Control	:	BASS: $\pm$ 8 dB (100 Hz) TREBLE: $\pm$ 8 dB (10 kHz)
Filters	:	Subsonic: 6 dB/Oct. at 18 Hz
Muting	:	-20 dB
Power Source and Power Consumption	:	See Page 1
Dimensions	:	6-1/4"(H) x 17-3/4"(W) x 13-1/4"(D) (15.8 cm x 45.0 cm x 33.8 cm)
Weight	:	25.3 lbs. (11.5 kg)

Design and specifications subject to change without notice.

# 2. Block Diagram

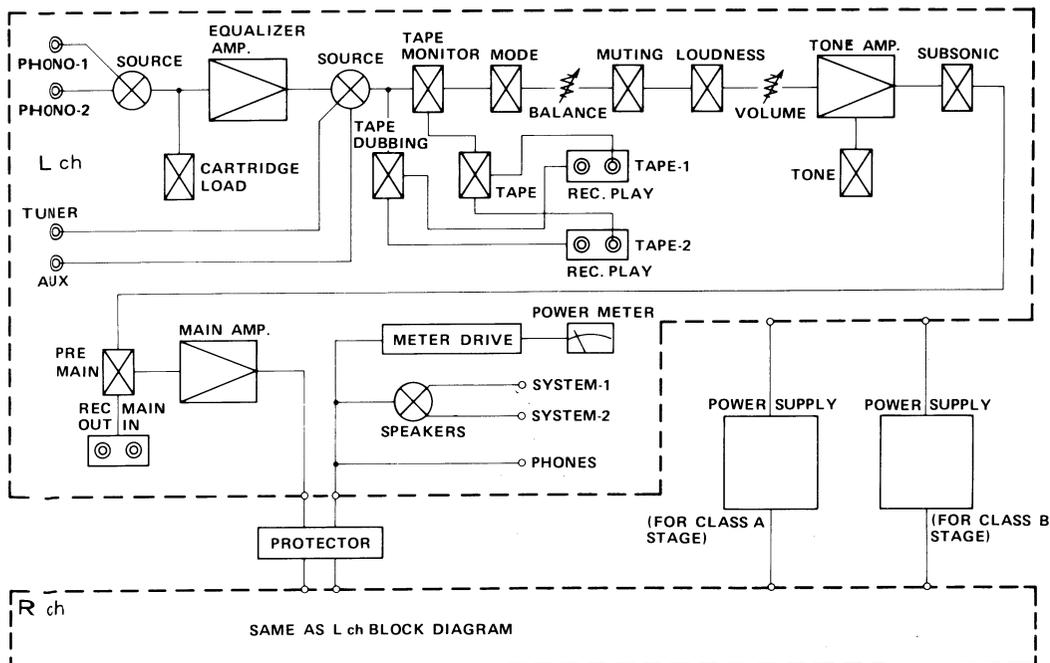


Fig. 1