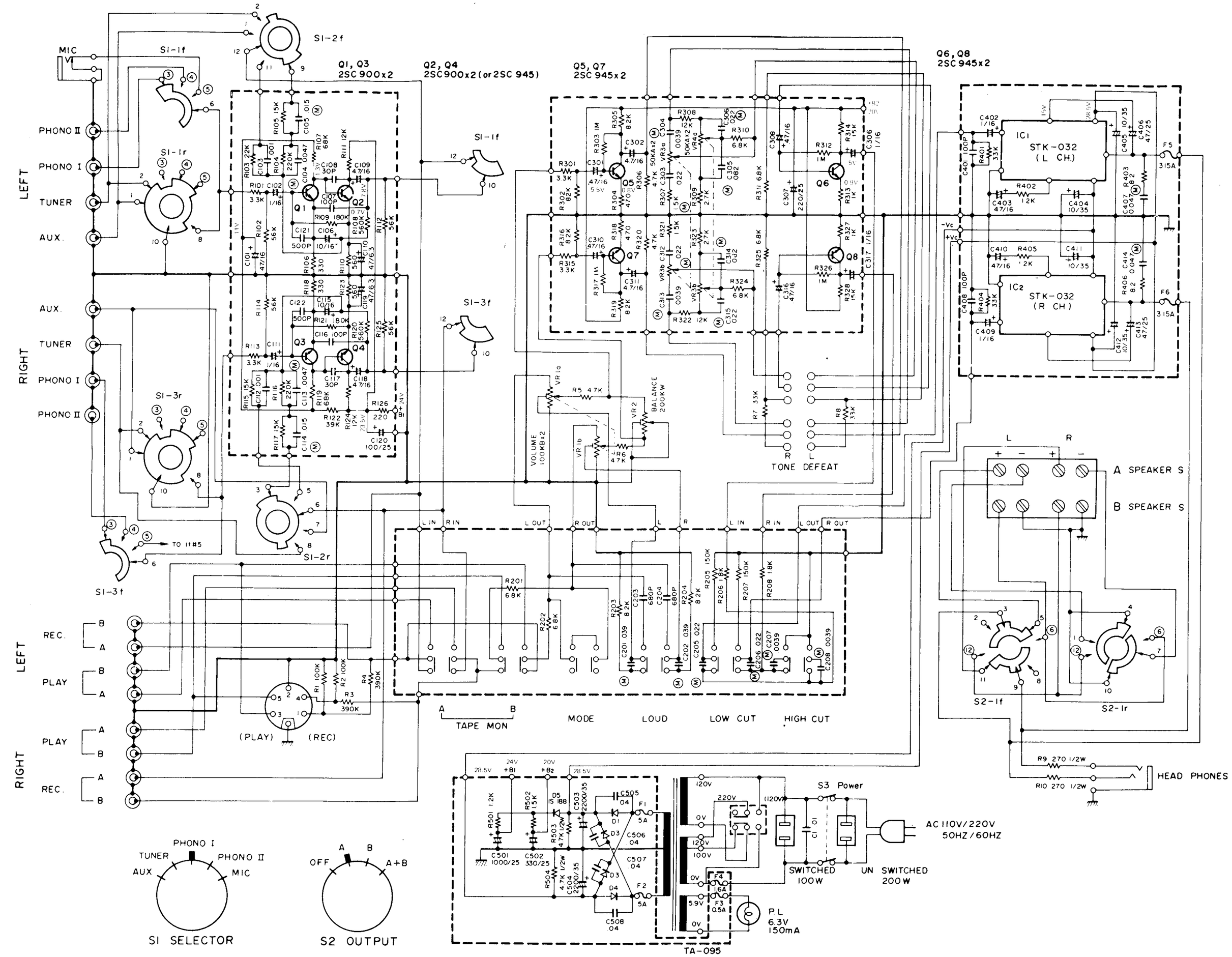
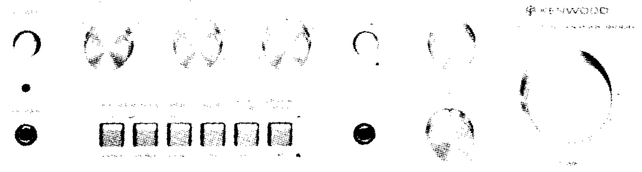
KENWOOD

STEREO AMPLIFIER

(KA-1600B) KA-1600G





SPECIFICATIONS

RMS Power Output	
Both channels driven	20 watts x 2 into 8 ohms at 40 Hz - 20,000 Hz 23 watts x 2 into 8 ohms at 1,000 Hz 28 watts x 2 into 4 ohms at 1,000 Hz
Dynamic Power Output	80 watts into 8 ohms 100 watts into 4 ohms
Total Harmonic Distortion	0.8% at rated power into 8 ohms 0.1% at ½ rated power into 8 ohms at 1,000 Hz
Inter Modulation Distortion (60 Hz:7 KHz=4 : 1)	0.8% at rated power into 8 ohms 0.1% at ½ rated power into 8 ohms at 1,000 Hz
Power Bandwidth	20 Hz - 40 KHz
Signal to Noise Ratio at 50 mW	50 dB
Damping Factor	30 at 8 ohms
Speaker Impedance	Accept 4 ohms to 16 ohms

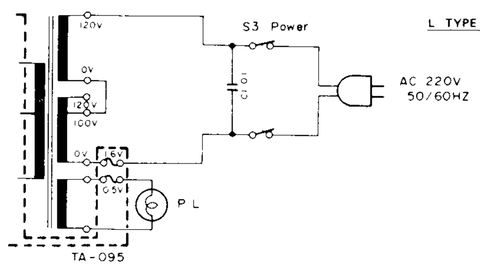
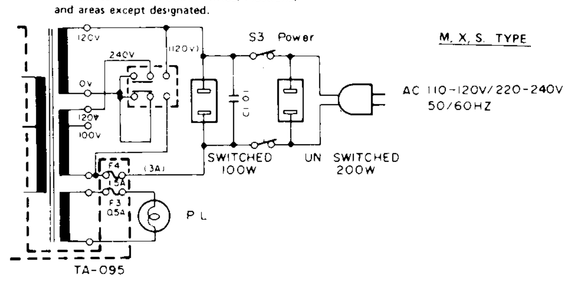
PRE-AMPLIFIER SECTION

Input Sensitivity and Impedance	
Phono 1	2.5 mV, 50 K ohms
Phono 2	2.5 mV, 50 K ohms
Tuner	150 mV, 50 K ohms
AUX	150 mV, 50 K ohms
Tape Play A, B	150 mV, 50 K ohms
Mic	3.0 mV, 50 K ohms
Maximum Input Voltage (rms)	
Phono 1, 2	85 mV, T.H.D. 0.8% at 1,000 Hz
Signal to noise Ratio (I.H.F. A CURVE)	
Phono 1, 2	68 dB
Tuner	80 dB
AUX	80 dB
Tape Play A, B	80 dB
Mic	68 dB
Output Voltage and Impedance	
Tape Rec. A, B (Pin)	150 mV, 110 ohms
(Din connector)	30 mV, 80 K ohms
Frequency Response	
Phono 1,2	RIAA Standard curve ±0.3 dB
Tuner, AUX, Tape Play	20 Hz - 40 KHz $^{+0}_{-2}$ dB
Tone Controls	
Bass	±10 dB at 100 Hz
Treble	±10 dB at 10,000 Hz
Loudness Control (-30 dB)	+8 dB at 100 Hz +5 dB at 10,000 Hz
Low Filter 100 Hz	-8 dB
High Filter 10 KHz	-8 dB

GENERAL

Switches	
Speaker Selector	OFF, A, B, A+B
Input Selector	AUX, TUNER, PHONO1, PHONO2, MIC
Mode	STEREO, MONO
Tape Monitor	A, B
Others	HIGH FILTER, LOW FILTER, LOUDNESS, TONE DEFEAT
AC Outlet	Switched 1, Unswitched 1
Power Comsumption	160 watts at full power 19.5 watts at no signal
Dimension	W 14 5/8" (372 mm), H 4 15/16" (125 mm), D 9 7/8" (251.5 mm)
Weight	12.7 Lbs (5.8 Kg)

For the sets sold in Scandinavia.



For the sets sold in South Africa, Australia, and areas except designated.