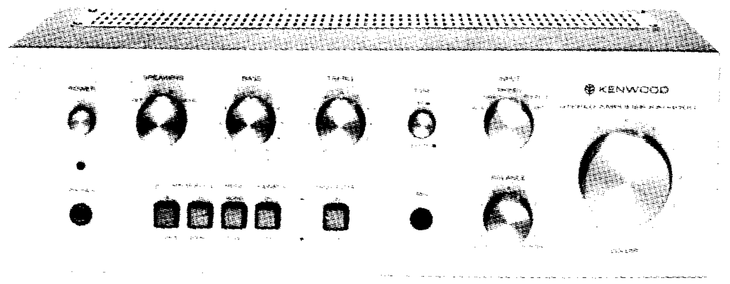
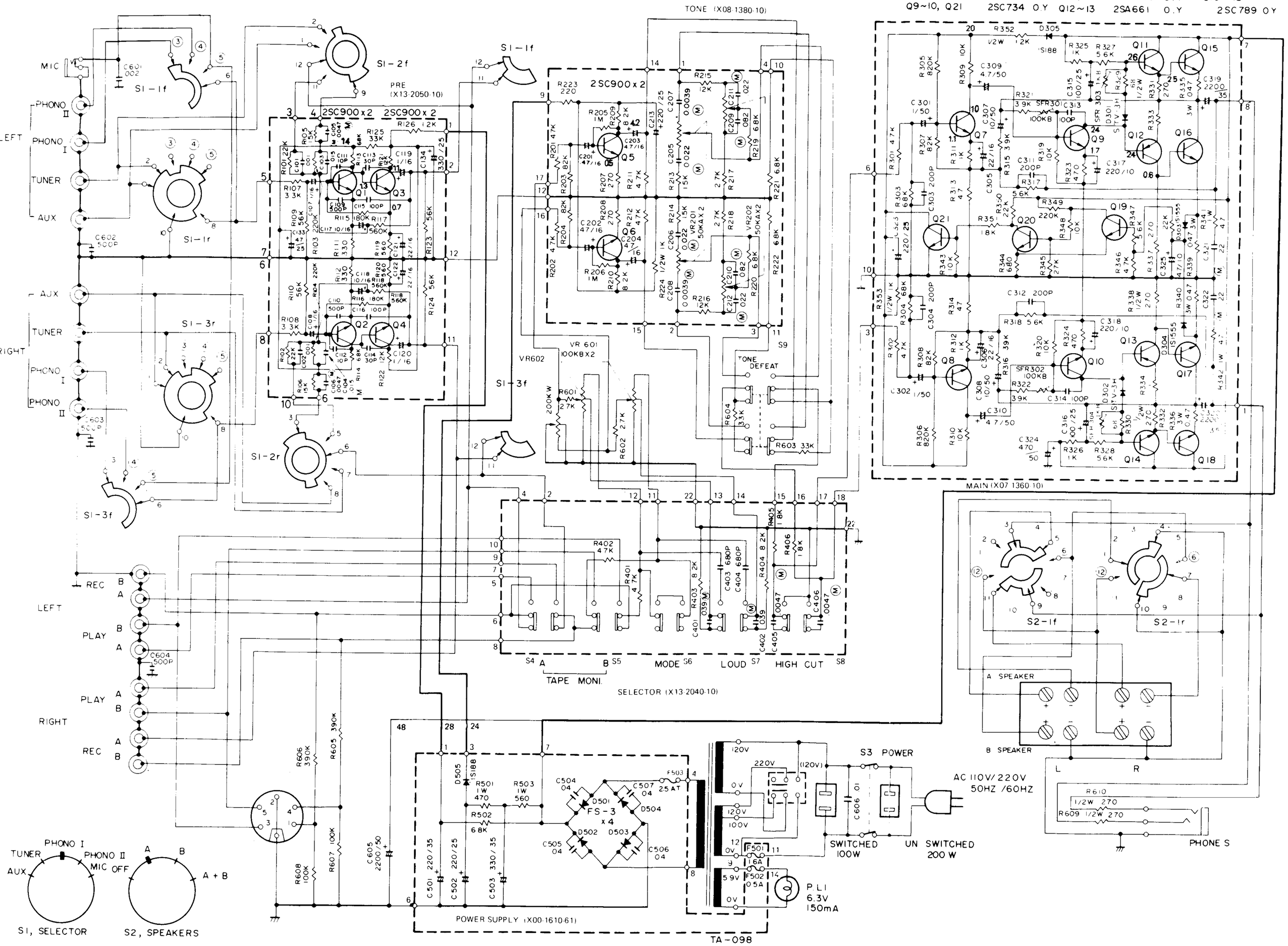
KENWOOD

STEREO AMPLIFIER

(KA-1400B) KA-1400G



Q7~8, Q19~20 2SC945 P Q11, Q14 2SC1166 O.Y Q15~18
Q9~10, Q21 2SC734 O.Y Q12~13 2SA661 O.Y 2SC789 O.Y



SPECIFICATIONS

RMS Power Output	
Both channels driven	15 watts × 2 into 8 ohms at 50 Hz - 20,000 Hz
	17 watts × 2 into 8 ohms at 1,000 Hz
	20 watts × 2 into 4 ohms at 1,000 Hz
Dynamic Power Output	54 watts into 8 ohms
	68 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	0.8% at rated power into 8 ohms
(60 Hz:7 KHz=4:1)	0.1% at ½ rated power into 8 ohms
Power Bandwidth	20 Hz - 40,000 Hz
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	
Phono 1, 2	80 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 Impedence	
Tape Rec. A, B (pin)	150 mV, 110 ohms
(Din connector)	30 mV, 80 K ohms
Frequency Response	
Phono 1, 2	RIAA Standard curve ±1.0 dB
Tuner, AUX, Tape Play	20 Hz - 40,000 Hz +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
High Filter 10,000 Hz	-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, LOUDNESS, TONE DEFEAT
AC Outlet	Switched 1, Unswitched 1
Power Consumption	135 watts at full power
	10 watts at no signal
Dimensions	W 14-5/8" (372 mm), H 4-15/16" (125 mm), D 9-7/8" (251.5 mm)
Weight	11.6 Lbs (5.3 Kg)