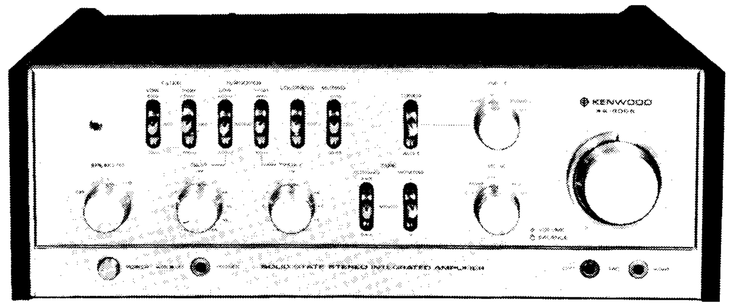
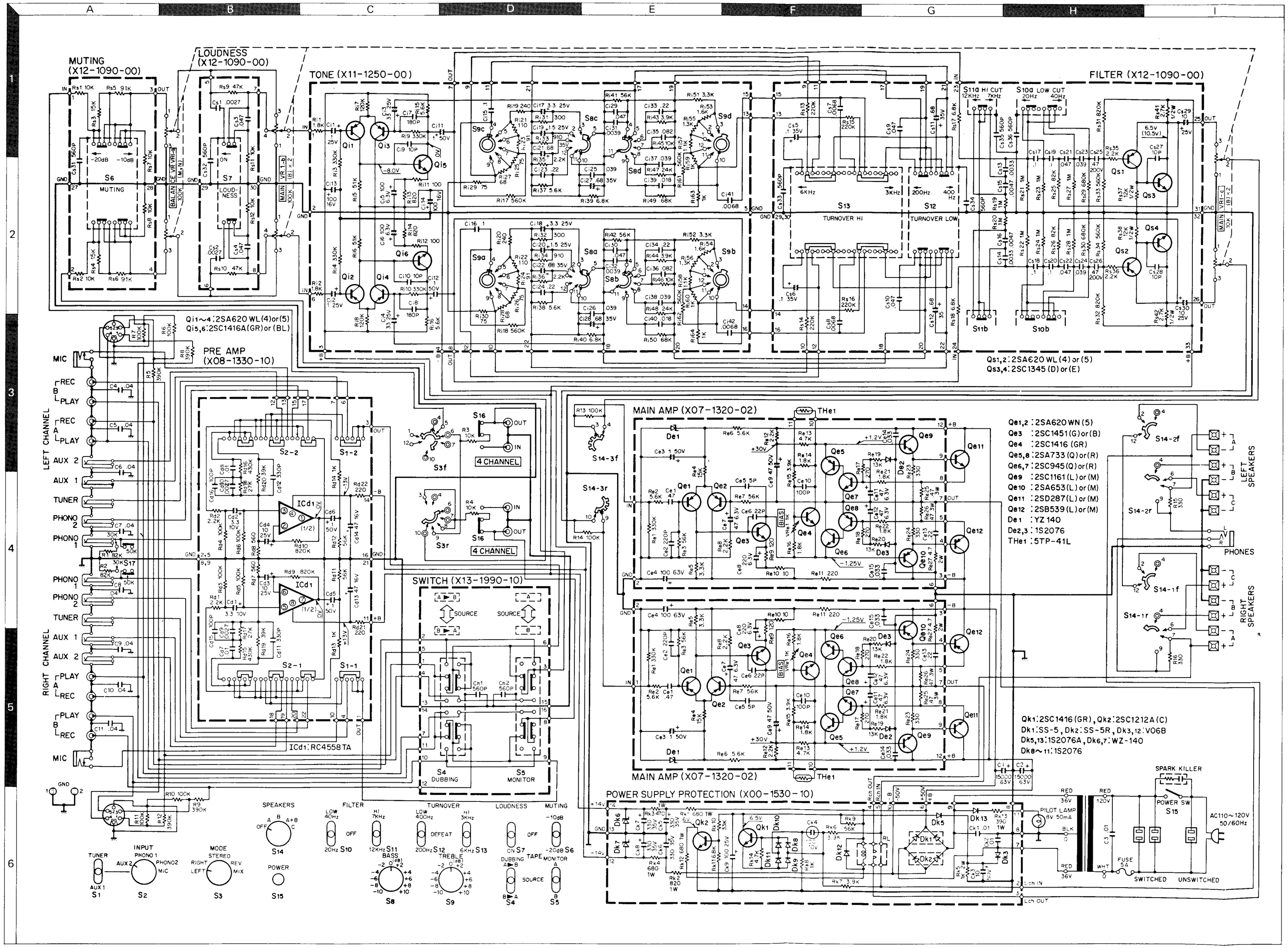
KENWOOD

STEREO INTEGRATED AMPLIFIER

KA-8006





SPECIFICATIONS

MAIN AMPLIFIER SECTION

RMS Power Output	
Both channels driven	70 x 2 watts into 8 ohms (20 Hz ~ 20,000 Hz)
	73 x 2 watts into 8 ohms at 1,000 Hz
	95 x 2 watts into 4 ohms at 1,000 Hz
Each channel driven	85 x 2 watts into 8 ohms at 1,000 Hz
	110 x 2 watts into 4 ohms at 1,000 Hz
Dynamic Power Output	200 watts into 8 ohms
	300 watts into 4 ohms
Total Harmonic Distortion	0.2% at rated power into 8 ohms
	0.05% at 1/2 rated power into 8 ohms at 1,000 Hz
Inter Modulation Distortion	0.2% at rated power into 8 ohms
(60 Hz : 7 kHz = 4: 1)	0.05% at 1/2 rated power into 8 ohms
Power Band Width	6 Hz ~ 40 kHz
Damping Factor	30 at 8 ohms
Speaker Impedance	Accept 4 ohms to 16 ohms

PRE-AMPLIFIER SECTION

Input Sensitivity and Impedance	
Phono 1	2.5mV, 50 K ohms, 30 K ohms
Phono 2	2.5mV, 50 K ohms
Tuner	150mV, 50 K ohms
AUX 1, 2	150mV, 50 K ohms
Tape Play A, B 4CH IN	150mV, 50 K ohms
Mic	2.5mV, 50K ohms
Maximum Input Voltage (rms)	
Phono 1, 2	250mV, T.H.D. 0.2% at 1,000Hz
Signal to Noise Ratio (IHF A Curve)	
Phono 1,2	76 dB
Tuner	90 dB
AUX 1, 2	90 dB
Tape Play A, B	90 dB
Mic	76 dB
Output Voltage and Impedance	
Tape Rec. A, B (Pin)	150mV, 50 ohms
(Din connector)	40mV, 70 K ohms
4CH Out	150mV, 50 ohms
Frequency Response	
Phono 1, 2	RIAA Standard curve ±0.2 dB
Tuner, AUX, Tape Play	10 Hz ~ 20,000 Hz $^{+0}_{-1}$ dB
Tone Controls	
Bass T.Over 400 Hz	±10 dB at 100 Hz
200 Hz	±10 dB at 50 Hz
Treble T.Over 3 KHz	±10 dB at 10,000 Hz
6 KHz	±10 dB at 20,000 Hz
Loudness Control (−30 dB)	+8 dB at 100 Hz
	+3 dB at 10,000 Hz
Low Filter 20 Hz	12 dB/oct
40 Hz	12 dB/oct
High Filter 7 KHz	6 dB/oct
12 KHz	6 dB/oct

GENERAL

Switches	
Speaker Selector	OFF, A, B, A + B, C
Input Selector	Mic, Phono 1, 2, AUX 2 – Tuner AUX 1
Mode	L, R, STEREO, REV, MIX
Function	Muting, Loudness, Turn Over, Low High-Filter
Tape Monitor	A, B, A → B, B → A
AC Outlet	Switched 2, Unswitched 1
Power Consumption	415 watts at full power
	30 watts at no signal
Dimension	W 17-1/8" (435 mm), H6-3/16" (157 mm)
	D 11-13/16" (300 mm)
Weight	29.7 lbs (13.5 kg)