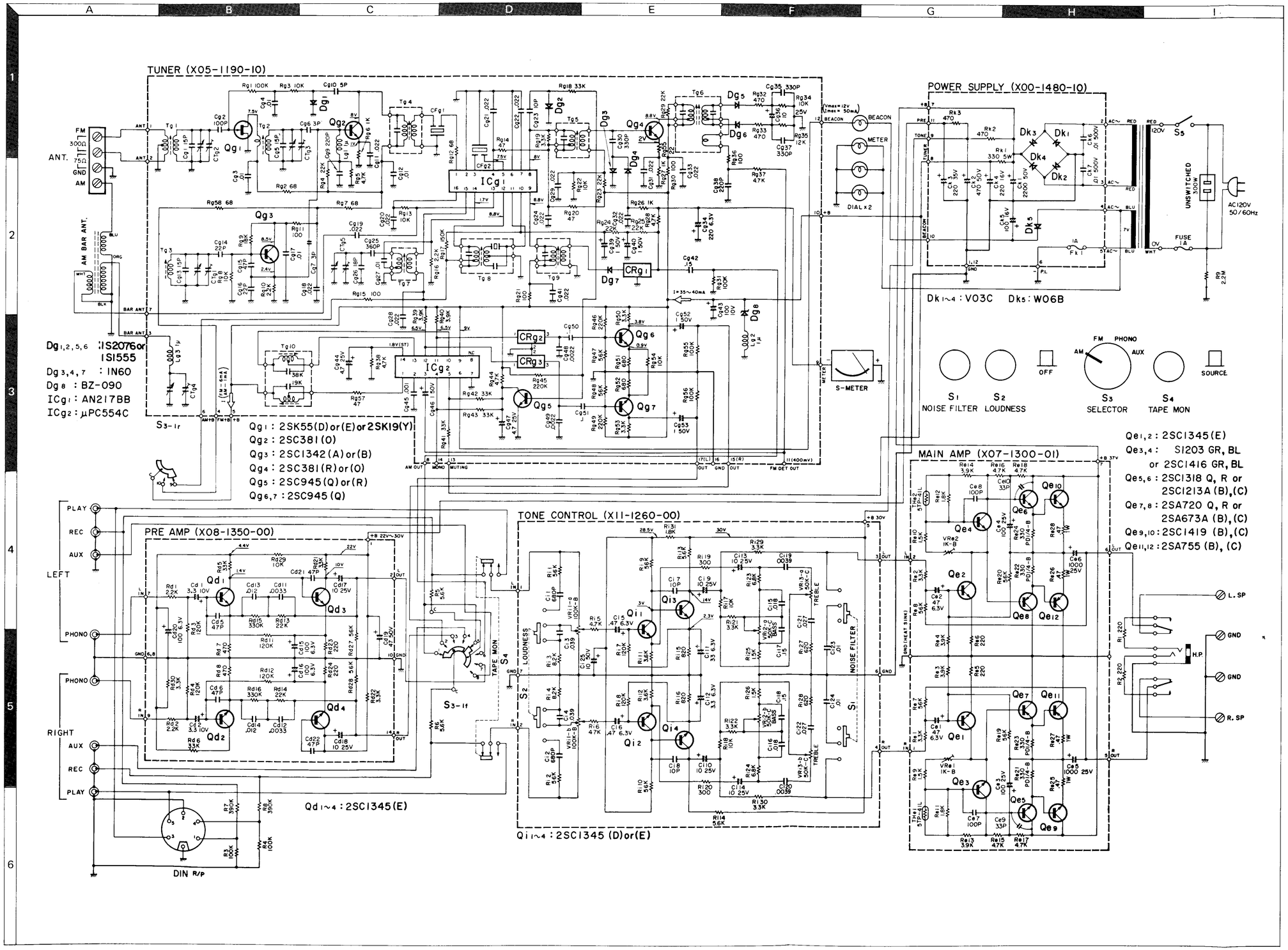
KENWOOD

STEREO RECEIVER

KR-1400



SPECIFICATIONS

FM TUNER SECTION

Usable Sensitivity (IHF)	2.6 μV.
Frequency Response	20 Hz — 15000 Hz +0.5 — 2.0 dB.
Harmonic Distortion	0.4% Mono (at 400 Hz 100% modulation). 0.6% Stereo (at 400 Hz 100% modulation).
Signal to Noise Ratio	60 dB at 1 mV input.
Image Rejection	50 dB.
Selectivity (IHF ALT channel)	45 dB.
IF Rejection	80 dB.
Spurious Signal Rejection	75 dB.
AM Suppression	45 dB.
Capture Ratio	3.0 dB.
Stereo Separation	33 dB at 1,000 Hz.
Sub Carrier Suppression	40 dB.
Antenna Impedance	300 ohms Balanced & 75 ohms Unbalanced.
Frequency Range	88 MHz to 108 MHz, 87.5 MHz to 108 MHz (FTZ APPROVED)

AM TUNER SECTION

Usable Sensitivity (IHF)	30 μV.
Signal To Noise Ratio	40 dB at 1 mV input.
Image Rejection	45 dB.
Selectivity (IHF)	25 dB.
IF Rejection	33 dB.
Antenna	Built in ferrite bar antenna, External antenna terminals.
RMS Power Output	
Both channels driven	10 watts x 2 into 8 ohms at 1,000 Hz. 12 watts x 2 into 4 ohms at 1,000 Hz.
Dynamic Power Output	30 watts into 8 ohms. 40 watts into 4 ohms.
Total Harmonic Distortion	1.0% at rated power into 8 ohms. 0.5% at 1/2 rated power into 8 ohms at 1,000 Hz
Inter Modulation Distortion (60 Hz : 7 kHz = 4 : 1)	1.0% at rated power into 8 ohms. 0.5% at 1/2 rated power into 8 ohms
Power Bandwidth	25 Hz — 30000 Hz.
Signal to Noise Ratio at 50 mW	50 dB.
Damping Factor	20 at 8 ohms.
Speaker Impedance	Accept 4 ohms to 16 ohms.

PRE-AMPLIFIER SECTION

Input Sensitivity and Impedance	
Phono	2.5 mV, 50 K ohms.
AUX	150 mV, 45 K ohms.
Tape Play	150 mV, 45 K ohms.
Maximum Input Voltage (rms)	
Phono	100 mV T.H.D. 1.0% at 1,000 Hz.
Signal to noise Ratio	
Phono	70 dB (I.H.F. "A" CURVE).
Output Voltage and Impedance	
Tape Rec. (Pin)	150 mV, 100 ohms.
(Din connector)	30 mV, 80 K ohms.
Frequency Response	
Phono	RIAA Standard curve ±1.5 dB.
AUX, Tape Play	25 Hz — 35000 Hz ±1.5 dB.
Tone Controls	
Bass	±10 dB at 100 Hz.
Treble	±10 dB at 10,000 Hz.
Loudness Control (−30 dB)	+10 dB at 100 Hz. +5 dB at 10,000 Hz.
Noise Filter	8 dB at 10 kHz.

GENERAL

Switches	
Input Selector	AM·FM·PHONO·AUX.
Tape Monitor	PLAY·SOURCE.
Others	NOISE FILTER, LOUDNESS.
AC Outlet	Unswitched 1.
Power Consumption	62 watts at full power. 20 watts at no signal.
Dimension	W 17-1/2" (444 mm) H 4-15/16" (126 mm) D 12" (305 mm)
Weight	13 lbs (5.9 kg).