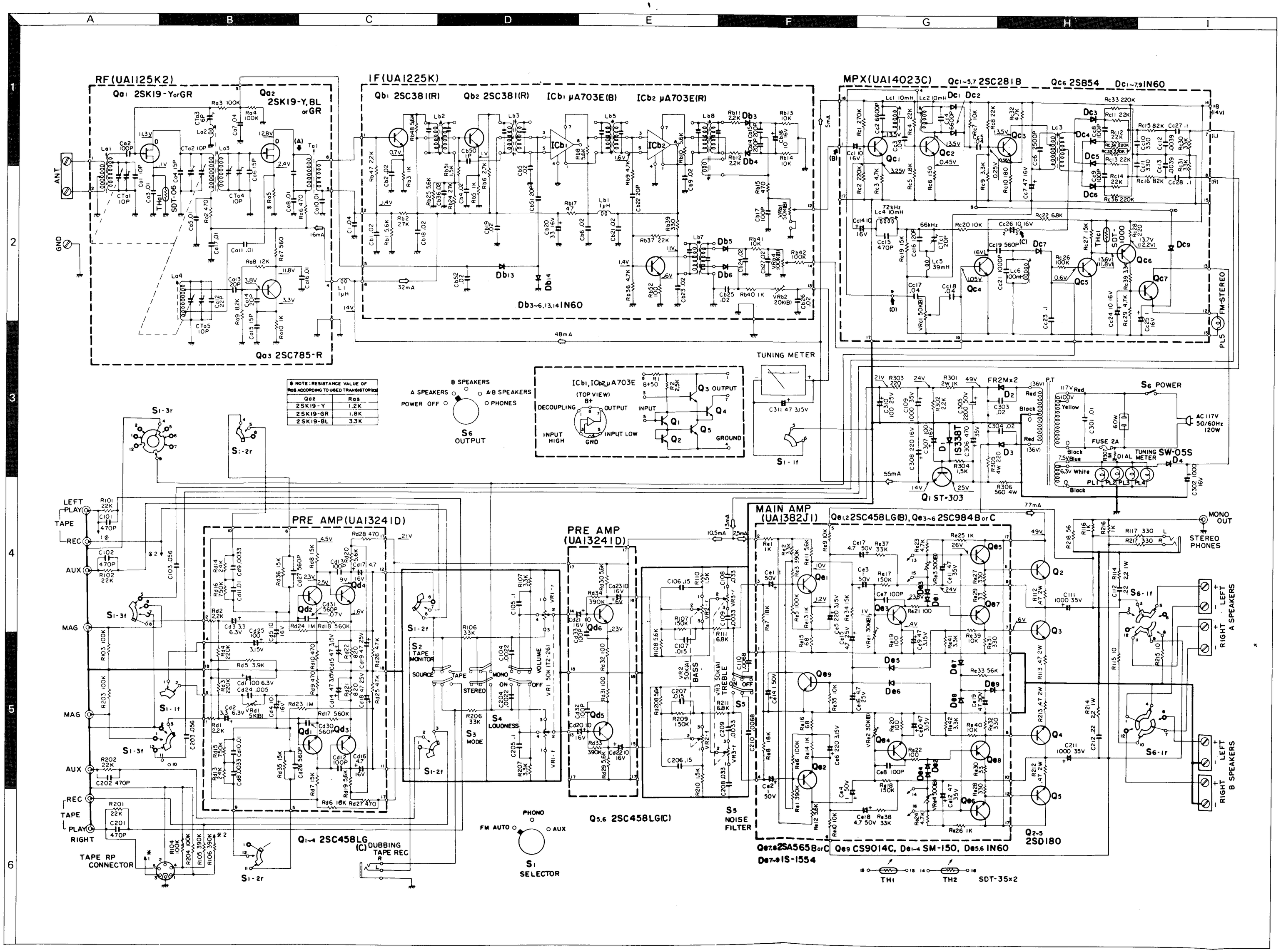
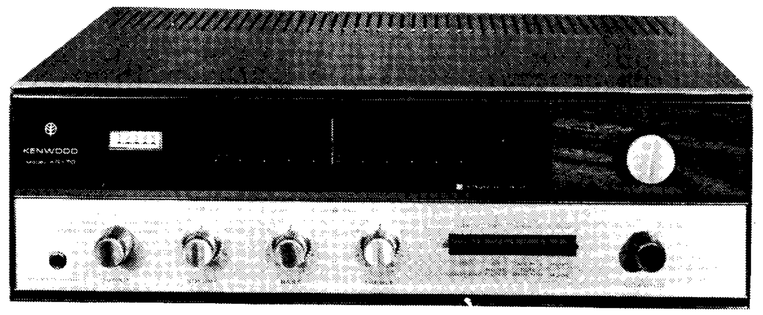
KENWOOD

SOLID STATE AM-FM STEREO RECEIVER

KR-70





SPECIFICATIONS

AMPLIFIER SECTION:

Output Power:	90 watts ±1 dB at 4 ohms 70 watts ±1 dB at 8 ohms
Dynamic Power (IHF):	75 watts at 4 ohms 56 watts at 8 ohms
Continuous Power:	
Each Channel Driven:	33/33 watts at 4 ohms 24/24 watts at 8 ohms
Both Channels Driven:	18/18 watts at 8 ohms
Distortion:	
Harmonic Distortion:	Less than 0.5% at rated output
Intermodulation Distortion	Less than 0.5% at rated output
Frequency Response:	
High Level Input:	20 Hz to 30,000 Hz +1.5 dB
Power Bandwidth (IHF):	20 Hz to 30,000 Hz
Input Sensitivity: (For rated output)	MAG . . . 2.0 mV AUX . . . 200 mV TAPE PLAY (Pin) . . . 200 mV (DIN) . . . 200 mV
Recording Output:	(Pin) . . . 200 mV (DIN) . . . 35 mV (Dubbing) . . . 200 mV
Maximum Input Signal:	180 mV (P-P 1,000 Hz) at MAG input
HUM & NOISE: (Below rated output)	PHONO (MAG) . . . 60 dB AUX . . . 70 dB TAPE PLAY . . . 70 dB Noise at minimum volume control . . . Less than 1.5 mV at 8 ohms or 0.28 micro watt
Damping Factor:	23 at 8 ohms
Speaker Impedance:	4, 8, 16 ohms
Bass Control:	±10 dB at 100 Hz
Treble Control:	±10 dB at 10,000 Hz
Noise Filter:	3,000 Hz cutoff
Loudness Control: (at −30 dB)	+8 dB at 100 Hz +3 dB at 10,000 Hz
Output Switch:	Power off, A speakers, B speakers, A-B speaker & Phones.
Selector Switch:	FM AUTO, PHONO & AUXILIARY
Keyboard Type Switch:	Loudness, Noise Filter, Tape Monitor & Mode.
Outputs:	2 pairs of stereo speaker terminals, Center channel output (low level), Tape recording output, Dubbing Jack, Headphone jack & AC outlet.

FM TUNER SECTION:

Antenna Impedance:	300 ohms balanced
Sensitivity (IHF):	1.9 μV
Harmonic Distortion:	Less than 0.8% at 400 Hz 100% Mod.
Signal To Noise Ratio:	Better than 60 dB
Capture Ratio:	2.5 dB
Image Rejection:	Better than 70 dB
IF Rejection:	Better than 80 dB
Selectivity (Alt. channel):	45 dB
Stereo Separation:	Better than 35 dB at 1,000 Hz
IF Stage:	2 IC's (Integrated Circuits) & 2 Transistors
Front-end:	FET 4 gang tuning condenser
Spurious Radiation:	Less than 34 dB (50 μV)
Special Features:	IC IF Circuit, FET 4 Gang Tuning Condenser Front-End, Unique Keyboard Type Control Switch, Tape Monitor, Dubbing Tape Recording Jack on Front Panel, Noise Filter, Stereo Phone Jack, New Luminous Dial.
Semiconductors:	2 IC's 2 FET's 31 Transistors & 27 Diodes
Power Voltage:	AC 110 - 120 V 50/60 Hz
Power Consumption:	20 watts at no signal 113 watts at full power
Dimensions:	16½″ W, 5½″ H, 12½″ D.
Weight:	21 lbs net weight