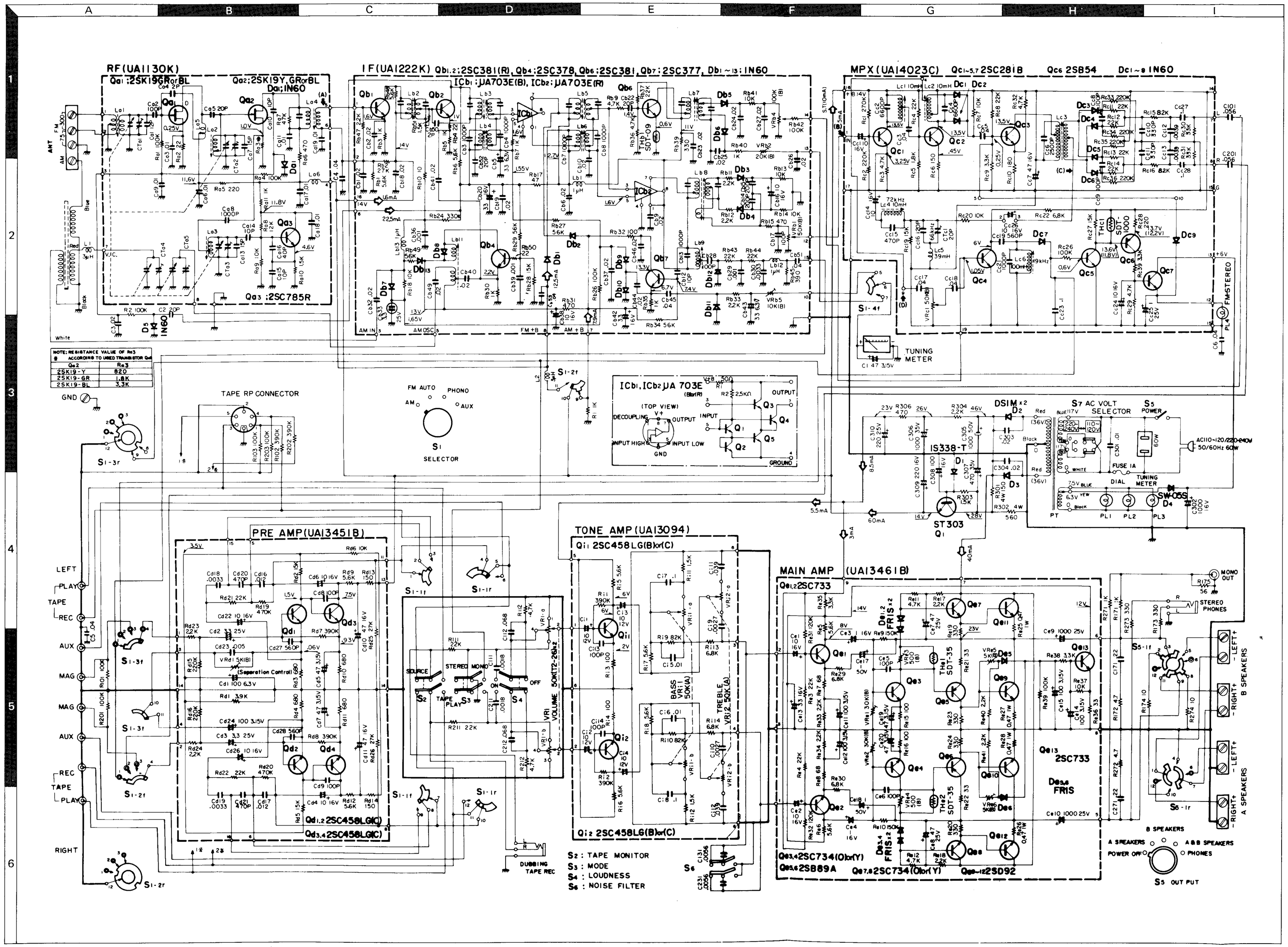
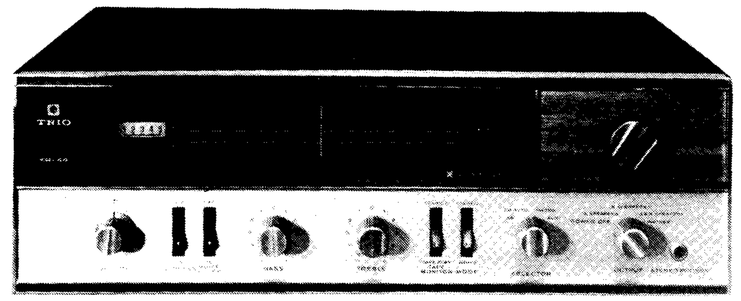
KENWOOD

SOLID STATE AM-FM STEREO RECEIVER

(KRS-44) KR-44





SPECIFICATIONS

AMPLIFIER SECTION

OUTPUT POWER: 60 watts ±1 dB at 4 ohms
50 watts ±1 dB at 8 ohms

DYNAMIC POWER (IHF): 48 watts at 4 ohms
40 watts at 8 ohms

CONTINUOUS POWER:
EACH CHANNEL DRIVEN: 20/20 watts at 4 ohms
16/16 watts at 8 ohms
BOTH CHANNELS DRIVEN: 13/13 watts at 8 ohms

DISTORTION:
HARMONIC DISTORTION: Less than 0.8% at rated output
INTERMODULATION DISTORTION: Less than 0.8% at rated output

FREQUENCY RESPONSE: 20 Hz to 50,000 Hz ±2 dB

POWER BANDWIDTH (IHF): 20 Hz to 20,000 Hz

INPUT SENSITIVITY (for rated output):
MAG . . . 2.5 mV
AUX . . . 200 mV
TAPE PLAY (Pin) . . . 200 mV
(DIN) . . . 200 mV
MAIN IN . . . 130 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 .28 micro watt.

DAMPING FACTOR: 20 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: +8 dB at 100 Hz, +3 dB at 10,000 Hz (at −30 dB)

OUTPUT SWITCH: Power off, A Speakers, B Speakers, A - B Speakers & Phones

SELECTOR SWITCH: AM, FM AUTO, PHONO & AUX

TAPE MONITOR SWITCH: SOURCE, TAPE PLAY

MODE SWITCH: Stereo, Mono

OUTPUTS: 2 pairs of stereo speaker terminals, Center channel output (low level), Tape recording output, Dubbing jack, Headphone jack & AC outlet.

TUNER SECTION

FM:
ANTENNA IMPEDANCE: 300 ohms balanced
75 ohms unbalanced

SENSITIVITY (IHF): 2.2 μV

HARMONIC DISTORTION: Less than .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): 40 dB

STEREO SEPARATION: Better than 30 dB at 1,000 Hz

FM IF STAGE: 2 IC's (Integrated Circuits) & 2 Transistors

FM SPURIOUS RADIATION: Less than 34 dB (50 μV)

AM:
SENSITIVITY: 20 μV at 1,000 kHz
IMAGE REJECTION: 40 dB at 1,000 kHz
SELECTIVITY: Better than 25 dB

SPECIAL FEATURES:
IC IF circuit, FET Front-End, 300 ohms & 75 ohms FM Antenna Inputs, Separate Pre-amp. Output & Main-amp. Input, Tape Monitor, Dubbing/Tape recording Jack on Front Panel, Noise Filter, Stereo Phone Jack, U.S. pat. Power Transistor Protection Circuit.

SEMICONDUCTORS: 2 IC's, 2 FET's, 33 Transistors & 31 Diodes, 4 Thermistor

POWER VOLTAGE: AC 110 - 120V/220 - 240V, 50/60 Hz

POWER CONSUMPTION: 105 watts at full power
20 watts at no signal

DIMENSION: 16½″ W, 5½″ H, 12½″ D

WEIGHT: 20 lbs net weight