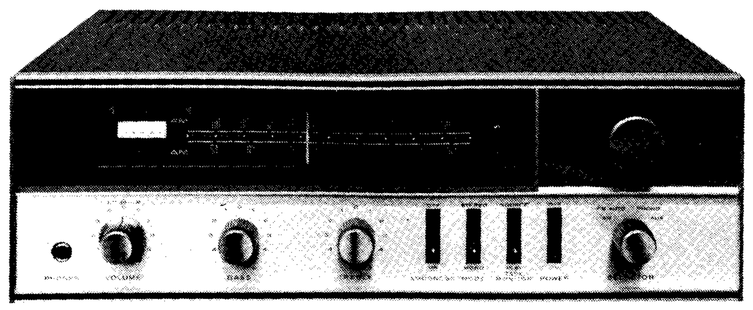
KENWOOD

SOLID STATE AM-FM STEREO RECEIVER

KR-33



SPECIFICATIONS

AMPLIFIER SECTION

OUTPUT POWER: 38 watts ±1 dB at 4 ohms
35 watts ±1 dB at 8 ohms

DYNAMIC POWER (IHF): 32 watts at 4 ohms
30 watts at 8 ohms

DISTORTION:
HARMONIC DISTORTION: Less than 1% at rated output
IM DISTORTION: Less than 1% at rated output

FREQUENCY RESPONSE:
HIGH LEVEL INPUT: 25 Hz to 30,000 Hz ±1.5 dB

POWER BANDWIDTH (IHF): 30 Hz to 20,000 Hz

INPUT SENSITIVITY: (for rated output)
MAG (PHONO) . . . 2 mV
AUX . . . 150 mV
TAPE PLAY (Pin) . . . 150 mV
(DIN) . . . 150 mV
MAIN INPUT . . . 130 mV

RECORDING OUTPUT: (Pin) . . . 150 mV
(DIN) . . . 30 mV

MAXIMUM INPUT SIGNAL: 180 mV (P-P 1,000 Hz) at MAG (PHONO) 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 load or 0.28 micro watt.

DAMPING FACTOR: 20 at 8 ohms

SPEAKER IMPEDANCE: 4, 8, 16 ohms

BASS CONTROL: ±8 dB at 100 Hz

TREBLE CONTROL: ±8 dB at 10,000 Hz

LOUDNESS CONTROL: +8 dB at 100 Hz (at −30 dB)

SELECTOR SWITCH: AM, FM AUTO, PHONO & AUXILIARY

SEE SAW SWITCH: LOUDNESS, MODE, TAPE MONITOR & POWER

OUTPUTS: Tape recording output, Headphone jack & AC outlet

TUNER SECTION

FM:

ANTENNA IMPEDANCE: 75 ohms unbalanced
300 ohms balanced
SENSITIVITY (IHF): 2.5 μV
HARMONIC DISTORTION: Less than 0.7% at 400 Hz 100% Mod.
SIGNAL TO NOISE RATIO: Better than 60 dB
CAPTURE RATIO: 4 dB
IMAGE REJECTION: Better than 55 dB
IF REJECTION: Better than 80 dB
SELECTIVITY (Alt. channel): 40 dB
STEREO SEPARATION: Better than 35 dB at 1,000 Hz
SPURIOUS RADIATION: Less than 34 dB (50 μV)

SPECIAL FEATURES:
IC & Transistor IF circuit, FET Front-End, See Saw Type Control Switch, Tape Monitor, Stereo Phono Jack, Separate Pre-Amp. Output & Main-Amp. U.S. pat. Power Transistor Protection Circuit.

SEMICONDUCTORS: 1 IC'S, 1 FET'S, 29 Transistors & 30 Diodes

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

POWER CONSUMPTION: 15 watts at no Signal.
55 watts at full Power.

DIMENSIONS: 14-3/16″ W, 4-11/16″ H, 11-1 4″ D.
WEIGHT: 15.4 lbs net weight