

Specifications

FM SECTION

TUNING RANGE 88 to 108MHz

50dB QUIETING SENSITIVITY

MONO 12.5dBf

STEREO 34.0dBf

SENSITIVITY

MONO (IHF) 9.0dBf (1.54μV T-100)

(DIN) 0.95μV

STEREO 15dBf

SIGNAL TO NOISE RATIO

MONO 83dB (at 80dBf)

82dB (at 65dBf)

STEREO 80dB (at 80dBf)

76dB (at 65dBf)

FREQUENCY RESPONSE

MONO 30 to 15,000Hz +0.2dB, -0.5dB

STEREO 30 to 15,000Hz +0.2dB, -0.5dB

TOTAL HARMONIC DISTORTION

MONO less than 0.06% at 100Hz

less than 0.04% at 1,000Hz

less than 0.08% at 6,000Hz

less than 0.09% at 100Hz

less than 0.06% at 1,000Hz

less than 0.15% at 6,000Hz

STEREO 0.9dB

CAPTURE RATIO

ADJACENT CHANNEL SELECTIVITY

WIDE 5dB at 200kHz

NARROW 18dB at 200kHz

ALTERNATE CHANNEL SELECTIVITY

WIDE 50dB at 400kHz

NARROW 80dB at 400kHz

SPURIOUS RESPONSE RATIO

110dB at 98MHz

110dB at 98MHz

IMAGE RESPONSE RATIO

Balanced 110dB at 98MHz

RF INTERMODULATION

75dB at 98MHz

AM SUPPRESSION RATIO

60dB at 98MHz

STEREO SEPARATION

40dB at 100Hz

50dB at 1,000Hz

35dB at 10,000Hz

30dB from 30 to 15,000Hz

ANTENNA INPUT IMPEDANCE

300 ohms balanced

75 ohms unbalanced

OUTPUT VOLTAGE AND IMPEDANCE

Variable 1V, 2.5k ohms

Dolby FM 200mV, 9k ohms

AM SECTION

TUNING RANGE 530 to 1,600kHz

SENSITIVITY (Bar Antenna) 47dB/m at 1,000kHz (220μV/m)

SELECTIVITY 35dB at 1,000kHz

SIGNAL TO NOISE RATIO 50dB

TOTAL HARMONIC DISTORTION

less than 0.35% at 30% Mod. 80dB/m

IMAGE RESPONSE RATIO

70dB at 1,000kHz

IF RESPONSE RATIO

70dB at 1,000kHz

GENERAL

AC OUTLETS

unswitched total 100 watts

POWER REQUIREMENTS

POWER VOLTAGE

100, 120, 220, 240V 50/60Hz

POWER CONSUMPTION

22 watts

SEMICONDUCTORS

73 Transistors; 57 Diodes; 6 FETs; 16 ICs

DIMENSIONS

430mm (16¹/₂") W

168mm (6⁵/₈") H

402mm (15⁷/₈") D

with Rack-mounting Adaptors

482mm (19") W

168mm (6⁵/₈") H

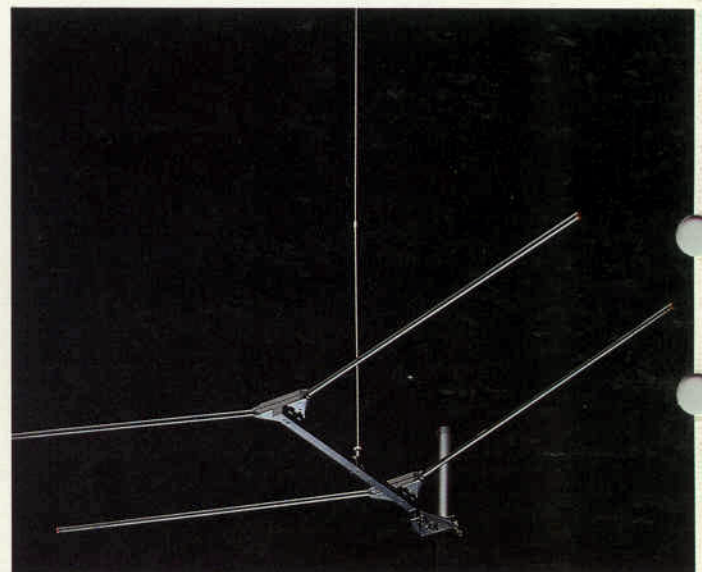
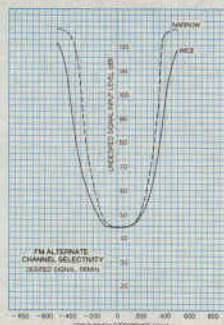
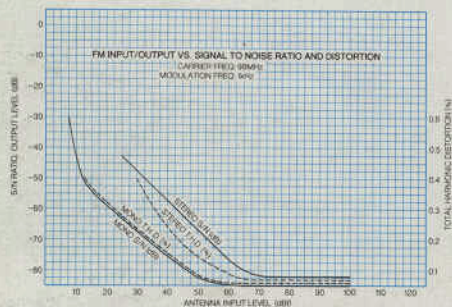
419mm (16¹/₂") D

WEIGHT

9.6kg (21.2lbs.) Net

11.6kg (25.6lbs.) Packed

- The FM performance of this model is measured pursuant to the new Institute of High Fidelity standard, IHF-T-200, except specifications with the legend IHF-T-100.
- Digitally Quartz-Locked System: U.S. Pat. No. 3991382.
- For European models, some specifications might change to comply with local safety regulations and standards.
- Design and specifications subject to change without notice for improvements.



FA-7 FM/AM Compatible Antenna System by Sansui

World's first FM/AM compatible antenna system (Pat. Pend):

Both FM and AM reception is possible with one antenna and one cable, connected to receiver/tuner's FM/AM terminals.



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