



SPECIFICATIONS

TUNER AMP

● Tuner Section
 FREQUENCY RANGE: FM: 88 — 108 MHz
 AM: 520 — 1610 kHz
 SENSITIVITY: FM: 2.5 μ V (IHF)
 AM: 15 μ V (IHF)
 IMAGE RATIO: FM: More than 55 dB
 AM: More than 55 dB
 SIGNAL TO NOISE RATIO: FM: More than 65 dB (100% Modulation, 1 mV Input)
 FM FREQUENCY DRIFT: Less than 0.02%
 FM ANT INPUT IMPEDANCE: 300 ohms Balanced
 FM DISTORTION RATIO: Less than 0.65%

● Multiplex Section

SEPARATION: More than 35 dB
 DISTORTION RATIO: Less than 0.65%
 CARRIER LEAKAGE: Less than -45 dB

● Audio Section

TOTAL MUSIC POWER (IHF): 44 W less than 0.8% distortion
 CONTINUOUS POWER: 17W/17W (less than 0.8% distortion)
 FREQUENCY RESPONSE: 20 — 45,000 Hz $\pm$ 2 dB
 DISTORTION: Less than 0.8% (17W/17W 1,000 Hz)
 Less than 0.5% (15W/15W 1,000 Hz)
 Less than 0.2% (11W/11W 1,000 Hz)
 Less than 0.15% (1W/1W 1,000 Hz)

POWER BANDWIDTH: 30 — 35,000 Hz
 DAMPING FACTOR: 21 (at 8 ohms)
 INPUTS: PHONO: 2.3 mV required for rated output
 TAPE PLAY: 140 mV required for rated output

OUTPUT: TAPE REC
 TONE CONTROL: BASS: 50 Hz $\pm$ 10 dB
 TREBLE: 10 kHz $\pm$ 10 dB
 LOUDNESS CONTROL: 100 Hz, +9 dB 10 kHz; +3 dB with Volume Level at -30 dB
 SIGNAL TO NOISE RATIO: PHONO: -65 dB TAPE PLAY: -80 dB
 (Volume at Maximum, Tone Control Flat, Effective Power Output)

EQUALIZER: RIAA Standard
 RESIDUAL NOISE: Less than 0.6 mV
 BUILT-IN CIRCUITS: FM - FET Frontend, FM - 5 Stage I.F.; 3 Stage Noise Limiter, SCA Filter, FM Mono-Stereo Automatic Switching, FM Stereo Automatic Lamp, Tuning Meter, DIN Standard RP Connector, Tape Monitor Switch, Loudness Control, Stereo Headphone Jack, BASS Control, TREBLE Control.

POWER CONSUMPTION: 60 W at Maximum Power Output
 23 W at no signal

PLAYER UNIT

● Phono Motor

MOTOR: 4 Pole Synchronous Motor
 DRIVE: Polyethylene Belt Drive
 SPEED: 2 Speeds
 TURNTABLE: 30 cm Aluminum Diecast
 WOW: Less than 0.1%
 POWER CONSUMPTION: 15 W

● Tone Arm

ARM: Static Balance Pipe Arm

● Cartridge

TYPE: Moving Magnet
 OUTPUT VOLTAGE: 5 mV (1,000 Hz, 5 cm/sec)
 FREQUENCY RESPONSE: 20 — 20,000 Hz, within $\pm$ 1.5 dB
 SEPARATION: Less than 25 dB at 1,000 Hz
 OUTPUT TOLERANCE: Within $\pm$ 1 dB at 1,000 Hz
 STYLUS: Diamond 0.7 mil
 STYLUS PRESSURE: 3.0 g
 REPLACEMENT STYLUS: N-23 Type

● Auto Mechanism

AUTOMATIC: Return, Cut, A.C. - Off, On.

● Speaker System

SPEAKERS USED: 2 — 20 cm Free Edge Woofers
 2 — 8 cm Cone Type BTS Standard

MAXIMUM POWER INPUT: 22 W Per Channel
 FREQUENCY RESPONSE: 50 — 20,000 Hz
 IMPEDANCE: 8 ohms
 NETWORK: 12 dB/OCT LC Type
 CABINET: Special Design Pipe Duct System
 OTHERS: Designed to Work Vertically or Horizontally, and Permits Easy Changing of Grille Cloth, Pair of 4 Meter Speaker Cords Supplied.

MT-65

POWER REQUIREMENTS: AC 110-120 V / 220-240 V 50 Hz

DIMENSIONS:

AMP-PLAYER: W 21 1/4" (542) x H 8 1/4" (210) x D 16 1/2" (420) (mm)
 EACH SPEAKER: W 12 1/4" (310) x H 20 3/4" (525) x D 9 1/2" (240) (mm)

WEIGHT: AMP-PLAYER: 33 lbs.
 2 SPEAKERS: 44 lbs.

