SPECIFICATIONS

Power output
Min. RMS, both channels driven, from 20 to 20,000 Hz, with no more than 0.05% total harmonic distortion 100 watts per channel into 8 ohms

Load impedance................. 8 ohms

Total harmonic distortion
...................................................... less than 0.05% at or below rated min. RMS power output

Frequency response (at 1 watt)
...................................................... +1 dB, –2 dB

RIAA curve deviation (PHONO, 20 Hz to 20 kHz)
...................................................... +0.5 dB, –0.5 dB

Input sensitivity and impedance (1 kHz, for rated power output)
PHONO................................. 2.5 mV/47 kilohms
(Max. input capability: 120mV at 1 kHz, less than 0.1% total harmonic distortion)
TUNER, TAPE PLAY.... 150 mV/47 kilohms
MIC........................................... 0.5 mV/10 kilohms

Output level (1 kHz)
TAPE REC............................... 130 mV into 47 kilohms
Signal to noise ratio (short-circuit, A-network)
PHONO................................. 75 dB
TUNER, TAPE PLAY.... 100 dB

Power requirements
(A-1010)
Power voltage............. 120/220/240V (50/60 Hz)
For U.S.A. & Canada
........................................... 120V (60 Hz)

(A-1000)
Power voltage............. 120V (60 Hz)
Power consumption... 360 watts 450 VA Rated

Dimensions ......................... 430 mm (16-15/16") W
........................................... 118 mm (4-11/16") H
........................................... 245 mm (9-11/16") D

Weight ......................... 7.2 kg (15.9 lbs.) net
........................................... 8.0 kg (17.6 lbs.) packed

* Design and specifications subject to changes without notice for improvements.
3. OTHER PARTS

3-1. Front View

3-2. Top View

3-3. Display Stage

4. BIAS CURRENT ADJUSTMENT (See Top View left)

Note: 1. Room Temperature: 18°C to 28°C
2. For this adjustment, removal of radiator is required, so loosen three screws (3).
3. Before turning ON POWER switch, set VR1 on F-446 little before center.
4. For adjustment, run the unit for more than 5 minutes after the power is switched on.

STEP | SUBJECT | MEASURE OUTPUT | ADJUST | ADJUST FOR | REMARKS
--- | --- | --- | --- | --- | ---
1. | L-CH | Connect DC volt meter between BAS Terminals (L-Ch), on F-446 | VR1 (L-CH) (F-446) | DC 5mV ± 1mV | This bias current adjustment converts current value into voltage by ohms law. Absolutely, install the radio after this adjustment.
2. | R-CH | Connect DC volt meter between BAS Terminals (R-Ch), on F-446 | VR1 (R-CH) (F-446) | DC 5mV ± 1mV |