

SANSUI 2000X

SPECIFICATIONS



POWER AMPLIFIER SECTION

POWER OUTPUT

MUSIC POWER (IHF): 140W at 4 ohms load
100W at 8 ohms load
CONTINUOUS POWER: 52/52W at 4 ohms load
39/39W at 8 ohms load

TOTAL HARMONIC DISTORTION:

less than 0.8% at rated output

INTERMODULATION DISTORTION

(60Hz: 7,000Hz=4:1 SMPTE method):

less than 0.8% at rated output

POWER BANDWIDTH (IHF): 20 to 40,000Hz

FREQUENCY RESPONSE (at normal listening level):
10 to 50,000Hz ± 1 dB

CHANNEL SEPARATION (at rated output, 1,000Hz):
better than 60dB

HUM AND NOISE (IHF): better than 80dB

INPUT SENSITIVITY (for rated output, 1,000Hz):
0.5V

INPUT IMPEDANCE: 50k ohms

LOAD IMPEDANCE: 4 to 16 ohms

DAMPING FACTOR: 24 at 8 ohms load

PREAMPLIFIER SECTION

OUTPUT VOLTAGE

MAXIMUM OUTPUT VOLTAGE: 2.5V

RATED OUTPUT VOLTAGE: 0.5V

TOTAL HARMONIC DISTORTION: less than 0.2% at
rated output voltage

FREQUENCY RESPONSE (AUX):
20 to 40,000Hz ± 1 dB

CHANNEL SEPARATION (at rated output,
1,000Hz):

PHONO-1 AND 2: better than 45dB

AUX: better than 50dB

HUM AND NOISE (IHF):

PHONO-1 AND 2: better than 70dB

AUX: better than 80dB

INPUT SENSITIVITY (at rated output, 1,000Hz)

PHONO-1: 2.5mV (50k ohms)

PHONO-2: 2.5mV (100k ohms)

AUX: 150mV (100k ohms)

TAPE MON (pin): 150mV (100k ohms)

TAPE RECORDER (DIN): 150mV (100k ohms)

RECORDING OUTPUT (at rated input, 1,000Hz)

TAPE REC (pin): 150mV

TAPE RECORDER (DIN): 30mV

EQUALIZER: PHONO RIAA NF type

TONE CONTROLS

BASS: ± 12 dB at 50Hz

TREBLE: ± 12 dB at 10,000Hz

LOUDNESS CONTROL: +8dB at 50Hz, +3dB at
10,000Hz
(Volume Control at -30dB)

SWITCHES

SELECTOR:

PHONO 1, PHONO 2, AM,
FM, FM AUTO, AUX.

TAPE MONITOR:

SOURCE, PLAYBACK

MONO:

STEREO, MONO

REVERSE:

NORMAL, REVERSE

LOW FILTER:

-10dB at 50Hz

HIGH FILTER:

-10dB at 10,000Hz

SPEAKER SELECTOR:

OFF, SYSTEM-A, SYSTEM-B,
SYSTEM-A + B.

TUNER SECTION

FM:

TUNING RANGE: 88 to 108 MHz

SENSITIVITY (20dB quieting): 1.4 μ V
(IHF) 1.8 μ V

TOTAL HARMONIC DISTORTION: less than 0.8%

SIGNAL TO NOISE RATIO: better than 60dB

SELECTIVITY: better than 40dB

CAPTURE RATIO (IHF): 1dB

IMAGE FREQUENCY REJECTION:

better than 90dB at 98 MHz

IF REJECTION:

better than 95dB at 98 MHz

SPURIOUS RESPONSE REJECTION:

better than 90dB at 98 MHz

FM STEREO SEPARATION:

better than 35dB at 1,000Hz

SPURIOUS RADIATION: less than 34dB

ANTENNA INPUT IMPEDANCE:

300 ohms balanced, 75 ohms
unbalanced

AM:

TUNING RANGE: 535 to 1,605 kHz

SENSITIVITY: 100 μ V at 1,000 kHz
(bar antenna)

IMAGE FREQUENCY REJECTION:

better than 50dB at 1,000kHz

IF REJECTION:

better than 80dB at 1,000kHz

SELECTIVITY:

better than 20dB at 1,000kHz

CONTROLS:

FM Muting Level (rear panel)

SWITCHES

FM MUTING: ON, OFF

MPX NOISE CANCELER: OFF, ON

FM SENSITIVITY: DISTANT, LOCAL (rear panel)

OTHER SPECIAL FEATURES

Signal Strength Meter, Heavy Fly-wheel Tuning Knob, FM
SCA Filter, FM Stereo Mono Automatic Switching, AM
Ferrite Bar Antenna.

SEMICONDUCTORS

TRANSISTORS: 45

FET; 1 IC; 4

DIODES: 27

ZENNER DIODES; 2

POWER REQUIREMENTS

POWER VOLTAGE: 100, 110, 117, 127, 220, 230,
240, 250V 50/60 Hz

POWER CONSUMPTION: 180VA

DIMENSIONS:

462mm(18 $\frac{3}{16}$ "W, 147mm(5 $\frac{25}{32}$ "H,
336mm(13 $\frac{7}{32}$ "D

WEIGHT:

13.1kg(28.8 lbs)

* Manufacturer reserves right to change design and/or specifications without notice for purpose of improvement.

BX-300

10" Heavy Duty Woofer

Having powerful magnetic circuit and Coral's unique long-travel voice coil, the 10" heavy duty woofer reproduces dynamic heavy low sound free from distortion even at large amplitude.

Mid-Range Originally Designed For Mid-Range

4" mid-range is of hard back construction. Therefore, this construction keeps away from the influence caused by woofer. This guarantees clear, beautiful sound reproduction.

Horn Type Tweeter

Horn type tweeter successfully attains the perfect reproduction of delicate high frequency sound by use of Coral's specially developed aluminum voice coil.

Coral's Specialty of Compliant Hi-Fi Reproduction

Coral's rich experience and eminent technology of Hi-Fi speaker manufacturing wonderfully complete the perfectly balanced speaker system which covers heavy low range, rich mid-range thru clear high range.

Book-shelf Type Cabinet

The book-shelf type cabinet made with quality plywood and polyurethan-finished produces pleasant atmosphere in your room.

Caution

BX-300 is capable of max. input power up to 32 watts at peak but accidental clicks of large power to it might break the voice coils or cone paper. To avoid accident, the volume controls of the amplifier should be turned to min. when changing the wiring or switching operation. Please do not use the **BX-300** without the back-lid. In case of normal use and testing by signal oscillator, please be careful of keeping the input capacity to 4 watts.

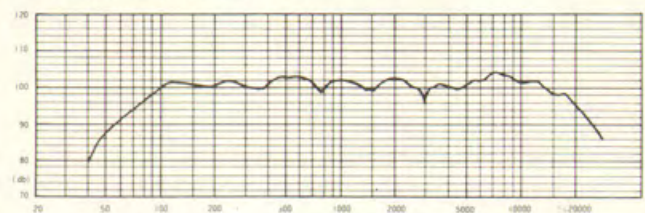
@ beim Hersteller

Archiv Michael-Otto

Specifications

Speakers:	10"(25cm) woofer 4"(10cm) mid-range Horn tweeter
Music Power Input:	32 watts
Input Impedance:	8 ohms
Frequency response:	30 ~ 20,000Hz
Sensitivity:	102dB
Cabinet:	Bass-reflex type
Dimensions:	540(H) × 330(W) × 290(D) mm
Finish:	Polyurethan finished walnut grain
Weight:	19.9 Lbs
Shipping volume:	3.6 cft.

Frequency Response Curve



System	3 ways, 3 speaker bass-reflex system, and a book shelf type
Use unit	For low-pass: 25cm corn type For inside regions: 10cm corn type For high regions: Phon type
Impedance	8ohms
Play frequency band	50Hz - 20000Hz
Maximum permissible input	32W
Crossover frequency	3500Hz, 8000Hz (6 dB/oct, 12 dB/oct)
Output sound pressure level	102dB/W
Dimensions	Width 330x height 540x depth of 290mm
Weight	8.5kg



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Authorized Dealer: