

CDX-S2000/S2000S/SW200

SERVICE MANUAL

Ver 1.0 2003. 11



US Model
CDX-S2000/SW200
Canadian Model
CDX-S2000
E Model
CDX-S2000/S2000S

* The tuner and CD sections have no adjustments.

AUDIO POWER SPECIFICATIONS (US Model)
POWER OUTPUT AND TOTAL HARMONIC DISTORTION
23.2 watts per channel maximum continuous average power into 4 ohms, 4 channels drives from 20 Hz to 20 kHz with no more than 5% total harmonic distortion.

CD player section

Signal-to-noise ratio 120 dB
Frequency response 10 – 20,000 Hz
Wow and Flutter Below measurable limit

Tuner section

FM

Tuning range US, Canadian Model:
87.5 – 107.9 MHz
E Model:
FM tuning interval:
50 kHz/200 kHz
switchable
87.5 – 106 MHz (at 50 kHz step)
87.5 – 107.9 MHz (at 200 kHz step)

Antenna terminal External antenna connector
Intermediate frequency 10.7 MHz/450 kHz
Usable sensitivity 9 dB
Selectivity 75 dB at 400 kHz
Signal-to-noise ratio 67 dB (noise),
69 dB (music)

Harmonic distortion at 1 kHz
0.3% (music),
0.3% (noise)
Separation 75 dB at 2 kHz
Frequency response 30 – 15,000 Hz

SPECIFICATIONS

AM

Tuning range US, Canadian Model:
530 – 1,710 kHz
E Model:
AM tuning interval:
9 kHz/10 kHz switchable
530 – 1,600 kHz (at 9 kHz step)
530 – 1,710 kHz (at 10 kHz step)

Antenna terminal External antenna connector
Intermediate frequency 10.7 MHz/450 kHz
Sensitivity 30 µV

Power amplifier section

Outputs Speaker outputs
(none and connected)
Speaker impedance 4 – 8 ohms
Maximum power output 23 W x 4 (at 4 ohms)

General

Outputs Audio outputs terminal (rear)
Power antenna relay control terminal
Power amplifier control terminal
Antenna input terminal
Sensitivity Low: 610 dB at 50 Hz (OFL/OC)
Mid: 610 dB at 1 kHz (OFL/OC)
High: 610 dB at 50 kHz (OFL/OC)

– Continued on next page –

FM/AM COMPACT DISC PLAYER

SONY

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