

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.

Model Name Using Similar Mechanism	NEW
CD Drive Mechanism Type	MG-S11XA-1B5PK
Optical Pick-up Name	KSS1000E

SPECIFICATIONS

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 (mono),
69 dB (stereo)

Harmonic distortion at 1 kHz
0.3% (mono),
0.3% (stereo)
Separation 75 dB at 2 kHz
Frequency response 30 ~ 15,000 Hz

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 dB

Power amplifier section

Outputs Speaker output
(tape and connect)
4 ~ 8 ohms
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
Synch Low: +10 dB at 40 Hz (DPL/LOC)
Tone controls Mid: +10 dB at 1 kHz (DPL/LOC)
High: +10 dB at 50 kHz (DPL/LOC)

— Continued on next page —

Sony Cdx S2000 S2000s Sw200 Service Manual User Guide

Katrin Zwirgmaier



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Table of Contents Sony Cdx S2000 S2000s Sw200 Service Manual User Guide

1. Understanding the eBook Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - The Rise of Digital Reading Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Advantages of eBooks Over Traditional Books
2. Identifying Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - User-Friendly Interface
4. Exploring eBook Recommendations from Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Personalized Recommendations
 - Sony Cdx S2000 S2000s Sw200 Service Manual User Guide User Reviews and Ratings
 - Sony Cdx S2000 S2000s Sw200 Service Manual User Guide and Bestseller Lists
5. Accessing Sony Cdx S2000 S2000s Sw200 Service Manual User Guide Free and Paid eBooks
 - Sony Cdx S2000 S2000s Sw200 Service Manual User Guide Public Domain eBooks
 - Sony Cdx S2000 S2000s Sw200 Service Manual User Guide eBook Subscription Services

- Sony Cdx S2000 S2000s Sw200 Service Manual User Guide Budget-Friendly Options
- 6. Navigating Sony Cdx S2000 S2000s Sw200 Service Manual User Guide eBook Formats
 - ePub, PDF, MOBI, and More
 - Sony Cdx S2000 S2000s Sw200 Service Manual User Guide Compatibility with Devices
 - Sony Cdx S2000 S2000s Sw200 Service Manual User Guide Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Highlighting and Note-Taking Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Interactive Elements Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
- 8. Staying Engaged with Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
- 9. Balancing eBooks and Physical Books Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Setting Reading Goals Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Fact-Checking eBook Content of Sony Cdx S2000 S2000s Sw200 Service Manual User Guide
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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