

CDX-F7710/F7710S/F7715X/ F7750/F7750S

SERVICE MANUAL

Ver. 1.0 2004.12



Photo: CDX-F7710S

US Model
Canadian Model
CDX-F7715X
AEP Model
UK Model
CDX-F7750/F7750S
E Model
CDX-F7710/F7710S

* The tuner and CD sections have no adjustments.

AUDIO POWER SPECIFICATIONS (US MODEL)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION
23.2 watts per channel minimum continuous average power into
4 ohms, 4 channels driven 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 20 – 20,000 Hz
Wow and Flutter Below measurable limit

Tuner section

Tuning range (CDX-F7715X)
87.5 – 100.9 MHz
(CDX-F7710/F7710S/F7750/F7750S)
87.5 – 108 MHz
Antenna terminal External antenna connector
Intermediate frequency 10.7 MHz ±150 kHz
Usable sensitivity 9 dB
Selectivity 75 dB at 400 kHz
Signal-to-noise ratio 60 dB (mono)
Harmonic distortion at 1 kHz
0.1% (mono)
0.1% (mono)
Separation 20 dB at 1 kHz
Frequency response 20 – 15,000 Hz

AM (CDX-F7715X)

Tuning range 530 – 1,710 kHz
Antenna terminal External antenna connector
Intermediate frequency 10.7 MHz ±150 kHz
Sensitivity 30 µV

SPECIFICATIONS

FM/MW (CDX-F7710/F7710S/F7750/F7750S)

Tuning range FM: 87.5 – 108.9 MHz
MW: 133 – 219 MHz
Antenna terminal External antenna connector
Intermediate frequency 10.7 MHz ±150 kHz
Sensitivity MW: 30 µV
LW: 40 µV

Power amplifier section

Outputs Speaker outputs
Circuit connection 4 – 8 ohms
Speaker impedance 4 – 8 ohms
Maximum power output 32 W × 4 (at 4 ohms)

General

Outputs Audio outputs terminal (Front/Rear)
Subwoofer output terminal (Rear)
Power antenna relay control terminal
Power amplifier control terminal
Telephone/ATT control terminal
Illumination control terminal
BUT control input terminal
BUT audio input/ALICE IN terminal
Remote controller input terminal
Antenna input terminal

Inputs

— Continued on next page —

FM/AM COMPACT DISC PLAYER

CDX-F7715X

FM/MW/LW COMPACT DISC PLAYER

CDX-F7710/F7710S/F7750/F7750S

9-579-359-01
2004L04-1
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Table of Contents Sony Cdx F7710 Manual

1. Understanding the eBook Sony Cdx F7710 Manual
 - The Rise of Digital Reading Sony Cdx F7710 Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Sony Cdx F7710 Manual
 - 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 F7710 Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Sony Cdx F7710 Manual
 - Personalized Recommendations

- Sony Cdx F7710 Manual User Reviews and Ratings
- Sony Cdx F7710 Manual and Bestseller Lists
- 5. Accessing Sony Cdx F7710 Manual Free and Paid eBooks
 - Sony Cdx F7710 Manual Public Domain eBooks
 - Sony Cdx F7710 Manual eBook Subscription Services
 - Sony Cdx F7710 Manual Budget-Friendly Options
- 6. Navigating Sony Cdx F7710 Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Sony Cdx F7710 Manual Compatibility with Devices
 - Sony Cdx F7710 Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sony Cdx F7710 Manual
 - Highlighting and Note-Taking Sony Cdx F7710 Manual
 - Interactive Elements Sony Cdx F7710 Manual
- 8. Staying Engaged with Sony Cdx F7710 Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Sony Cdx F7710 Manual
- 9. Balancing eBooks and Physical Books Sony Cdx F7710 Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Sony Cdx F7710 Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Sony Cdx F7710 Manual
 - Setting Reading Goals Sony Cdx F7710 Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Sony Cdx F7710 Manual
 - Fact-Checking eBook Content of Sony Cdx F7710 Manual

- 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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