

ECM-DS70P

SERVICE MANUAL

Ver 1.1 2001.03
With SUPPLEMENT-1
(9-923-256-81)

US Model
Canadian Model
AEP Model
E Model



SPECIFICATIONS

General

Type

Electret condenser microphone

Dimensions

28 × 27 × 26 mm (w/h/d) incl.

projecting parts and controls

Approx. 30 g

Mass

Performance

Frequency response

200 – 15,000 Hz (electret)

Directivity

Unidirectional

Sensitivity

Open circuit output voltage*: –36.0

±0.5 dB

Distortion between L and R channel

sensitivity: Less than 3 dB

Maximum sound pressure level†

More than 130 dB SPL

Operating temperature range

0°C to 40°C (32°F to 104°F)

*1: 0 dB = 1 V/Pa, 1,000 Hz (3 Pa = 29 µbar = 94 dB SPL)

*2: 1 % wave distortion is present at 1,000 Hz.

(0 dB SPL = 2 × 10⁻⁷ Pa)

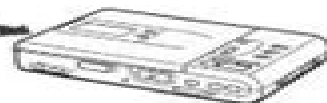
Design and specifications are subject to change without notice.

A

Output plug (gold plated stereo miniplug)



to MIC (PLUG IN POWER)



B



Using the Microphone (See fig. A)

Connect the stereo miniplug of the microphone to a microphone jack (stereo miniplug) of recording equipment compatible with the plug-in power supply system, such as a MD recorder, etc.

Note

Be sure to use with recording equipment compatible with the plug-in power supply system. The power of the microphone is supplied from the connected recording equipment.

Adjusting the angle of the microphone (See fig. B)

When you use the microphone with the connected equipment put on a desk, etc., erect the microphone as illustrated to reduce the reflection from the surface of a desk, etc.

Notes

- Manually adjusting the recording level is recommended for better recording when you perform digital recording with an MD recorder, etc.
- This microphone is not used with recording equipment that is not compatible with plug-in power supply system.

ELECTRET CONDENSER STEREO MICROPHONE

Sony Ecm Ds70p Owners Manual

Yijin Wang



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Table of Contents Sony Ecm Ds70p Owners Manual

1. Understanding the eBook Sony Ecm Ds70p Owners Manual
 - The Rise of Digital Reading Sony Ecm Ds70p Owners Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Sony Ecm Ds70p Owners 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 Ecm Ds70p Owners Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Sony Ecm Ds70p Owners Manual
 - Personalized Recommendations
 - Sony Ecm Ds70p Owners Manual User Reviews and Ratings
 - Sony Ecm Ds70p Owners Manual and Bestseller Lists
5. Accessing Sony Ecm Ds70p Owners Manual Free and Paid eBooks
 - Sony Ecm Ds70p Owners Manual Public Domain eBooks
 - Sony Ecm Ds70p Owners Manual eBook Subscription Services
 - Sony Ecm Ds70p Owners Manual Budget-Friendly Options
6. Navigating Sony Ecm Ds70p Owners Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Sony Ecm Ds70p Owners Manual Compatibility with Devices
 - Sony Ecm Ds70p Owners Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sony Ecm Ds70p Owners Manual
 - Highlighting and Note-Taking Sony Ecm Ds70p Owners Manual
 - Interactive Elements Sony Ecm Ds70p Owners Manual
8. Staying Engaged with Sony Ecm Ds70p Owners Manual

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Sony Ecm Ds70p Owners Manual
- 9. Balancing eBooks and Physical Books Sony Ecm Ds70p Owners Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Sony Ecm Ds70p Owners Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Sony Ecm Ds70p Owners Manual
 - Setting Reading Goals Sony Ecm Ds70p Owners Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Sony Ecm Ds70p Owners Manual
 - Fact-Checking eBook Content of Sony Ecm Ds70p Owners Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
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