

1Mii DS500-JP

1Mii DS500-JP Hi-Fi Bluetooth 5.1 Receiver User Manual

Model: DS500-JP | Brand: 1Mii

		Introduction	Product Overview	Package	
Contents	Setup	Operation	Maintenance	Troubleshooting	Specifications

1. INTRODUCTION

The 1Mii DS500-JP is a high-quality Bluetooth audio receiver designed to upgrade your existing home stereo systems, AV receivers, or powered speakers with advanced Bluetooth connectivity. This device allows you to stream high-fidelity audio wirelessly from your smartphone, PC, or other Bluetooth-enabled music players to your audio equipment within seconds. It features Bluetooth 5.1 technology and supports various high-resolution audio codecs for an immersive listening experience.

2. PRODUCT OVERVIEW

Key Features

- **High-Fidelity Wireless Audio:** Supports advanced audio codecs including LDAC, Qualcomm aptX HD, aptX Low Latency, aptX, and AAC for superior sound quality.
- **Bluetooth 5.1 Technology:** Equipped with a Qualcomm QCC5125 Bluetooth chip for faster and more stable wireless connections.
- **Premium Audio DAC:** Integrates an ES9018K2M DAC chip for enhanced audio performance.
- **Versatile Connectivity:** Features analog RCA, digital optical, and digital coaxial outputs, compatible with most audio equipment. Simultaneous output is supported.
- **Extended Wireless Range:** An external booster antenna provides a stable wireless connection range of over 30 meters.
- **OLED Display:** A clear OLED screen displays Bluetooth connection status, track name, sampling rate, and audio codec.
- **Volume Control & EQ Modes:** Easily adjust volume and select from multiple equalizer modes to customize your listening experience.



Image: The 1Mii DS500-JP receiver showcasing its Hi-Res Audio, LDAC, Bluetooth 5.1, and aptX HD capabilities.

Design and Dimensions

The DS500-JP features a compact and sophisticated design with an all-aluminum body, anodized for high quality. Its dimensions are approximately 86mm (height with antenna) x 76mm (width) x 23mm (depth). The OLED display provides essential information at a glance.

コンパクトで洗練されたデザイン

OLEDディスプレイ付きアルミボディ

陽極酸化処理した高品質の全アルミニウムボディ
と強力な機能を持つコンパクトなデザイン

OLED画面にBluetooth接続
状態、曲名などを表示する



Image: Detailed dimensions of the DS500-JP receiver, highlighting its compact size.

3. PACKAGE CONTENTS

Upon opening the package, ensure all the following items are present:

1. 1Mii DS500-JP Wireless Audio Adapter
2. USB Charging Cable
3. 3.5mm Male to RCA Male Audio Cable
4. RCA Male to RCA Male Audio Cable
5. Optical Cable
6. User Manual



1 ワイヤレスオーディオアダプター



2 USB充電ケーブル



3 3.5 mmオス～RCAオスケーブル



4 RCAオスケーブル



5 光学ケーブル



6 ユーザーマニュアル



Image: All items included in the 1Mii DS500-JP product package.

4. SETUP

4.1 Power Connection

1. Connect the provided USB charging cable to the DC 5V input port on the DS500-JP.
2. Plug the other end of the USB cable into a compatible USB power adapter (not included) or a USB port on your audio equipment.

4.2 Audio Output Connection

The DS500-JP offers multiple output options. Choose the appropriate cable and port based on your audio system:

- **Analog RCA Output:** Use the RCA audio cable to connect the "ANALOG OUT" ports (red for right, white for left) on the DS500-JP to the corresponding RCA input ports on your amplifier or active speakers.
- **Digital Optical Output:** Use the optical cable to connect the "OPTICAL OUT" port on the DS500-JP to the optical input port on your digital audio receiver or DAC.

- **Digital Coaxial Output:** Use a coaxial cable (not included) to connect the "COAXIAL OUT" port on the DS500-JP to the coaxial input port on your digital audio receiver or DAC.

シームレスな統合

アナログ出力とデジタル出力付き

光学、RCA、同軸出力（同時出力可能）
USBとBluetooth入力対応



光学出力



RCA出力



同軸出力



USB入力



Image: The rear panel of the DS500-JP, illustrating the DC 5V, Optical Out, Analog Out (RCA), and Coaxial Out ports.

4.3 Antenna Installation

Screw the external booster antenna into the antenna port on the back of the DS500-JP. Ensure it is securely tightened for optimal wireless performance.



Image: The DS500-JP with its external antenna, emphasizing enhanced Bluetooth 5.1 connectivity.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on, press the power button (usually marked with a circle and a vertical line) on the front panel. The OLED display will light up.
- To power off, press and hold the power button until the display turns off.

5.2 Bluetooth Pairing

1. Ensure the DS500-JP is powered on. The OLED display will show "Pairing" or a similar indicator.
2. On your smartphone, tablet, or PC, enable Bluetooth and search for available devices.
3. Select "DS500" from the list of found devices to initiate pairing.
4. Once connected, the OLED display will show the connection status, track name, and the active audio codec (e.g., LDAC, aptX HD).



Image: The OLED display of the DS500-JP, illustrating how track information and connection status are shown.

5.3 Volume Control

Use the "+" and "-" buttons on the front panel to adjust the output volume of the DS500-JP.

5.4 EQ Mode Selection

In Bluetooth connection mode, the DS500-JP supports various EQ modes. To change the EQ mode:

1. Press and hold the EQ button (often integrated with the volume knob or a dedicated button) for approximately 2 seconds.
2. Rotate the volume knob or press the "+" / "-" buttons to cycle through the available EQ modes (e.g., Normal, Rock, Class, Jazz, Dance, Pop, Bass).
3. Release the button to select the desired EQ mode.



Image: Visual guide for selecting different EQ modes on the DS500-JP.

5.5 USB Input (Sound Card Function)

The DS500-JP can also function as a USB sound card when connected to a computer via its USB port. This allows for direct digital audio transfer from your computer to the DS500-JP for playback through your audio system.

6. MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Ensure the device is placed in a well-ventilated area to prevent overheating.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel for any repairs.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output.	<ul style="list-style-type: none">• Incorrect audio cable connection.• DS500-JP not powered on.• Volume too low on DS500-JP or connected audio system.• Incorrect input selected on amplifier/receiver.	<ul style="list-style-type: none">• Verify all audio cables are securely connected to the correct input/output ports.• Ensure the DS500-JP is powered on.• Increase volume on both the DS500-JP and your audio system.• Select the correct input source on your amplifier or receiver.

Problem	Possible Cause	Solution
Cannot pair with Bluetooth device.	<ul style="list-style-type: none">• DS500-JP is not in pairing mode.• Bluetooth on source device is off or too far.• Interference from other wireless devices.	<ul style="list-style-type: none">• Ensure the DS500-JP is powered on and the OLED display indicates pairing mode.• Make sure Bluetooth is enabled on your source device and it is within range (up to 30m).• Move the DS500-JP and source device away from other wireless devices (Wi-Fi routers, microwaves).
Audio quality is poor or drops out.	<ul style="list-style-type: none">• Source device is too far from DS500-JP.• Obstructions between devices.• Interference.• Low-quality audio source.	<ul style="list-style-type: none">• Move the source device closer to the DS500-JP.• Ensure there are no major obstructions (walls, large metal objects) between the devices.• Minimize interference from other wireless devices.• Ensure the audio source file is of good quality.

8. SPECIFICATIONS

Feature	Detail
Model Number	DS500-JP
Brand	1Mii
Bluetooth Version	5.1
Bluetooth Chip	Qualcomm QCC5125
DAC Chip	ES9018K2M
Supported Audio Codecs	LDAC, aptX HD, aptX Low Latency, aptX, AAC, SBC
LDAC Sampling Rate	Up to 24-bit/96 kHz (990kbps)
aptX HD Sampling Rate	Up to 24-bit/48 kHz (576kbps)
Output Ports	Analog RCA, Digital Optical, Digital Coaxial
Input Ports	Bluetooth, USB (for PC sound card function)
Wireless Range	Over 30 meters (with external antenna)
Display	OLED
Power Input	DC 5V
Dimensions (approx.)	14.1 x 12.6 x 6.8 cm (Package Size)
Weight (approx.)	340 g (Package Weight)
Battery	Not applicable (requires external power)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official 1Mii website or contact their customer service directly. Details regarding warranty periods and service procedures are typically provided with your purchase documentation or on the manufacturer's support pages.

Online Support: Visit the 1Mii official website for FAQs, driver downloads, and contact information.

Customer Service: If you encounter any issues not covered in this manual, please reach out to 1Mii customer support for assistance.