

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Clarion](#) /

> [Clarion FZ709 MP3/WMA/AAC Receiver with USB Port Instruction Manual](#)

Clarion FZ709

Clarion FZ709 MP3/WMA/AAC Receiver with USB Port

Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Clarion FZ709 MP3/WMA/AAC Receiver. The FZ709 is designed for digital audio playback, featuring a USB port for iPod control and digital audio files, built-in Bluetooth for hands-free calling and audio streaming, and a touch-sensitive interface. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

2. SAFETY INFORMATION

- **Driving Safety:** Always operate the unit safely. Avoid complex operations while driving. Distraction can lead to accidents.
- **Volume Level:** Keep the volume at a level where you can still hear outside sounds, such as emergency vehicles. Prolonged exposure to high volume levels can cause hearing damage.
- **Power Supply:** Connect the unit only to a 12V DC power supply with a negative ground. Incorrect wiring can cause fire or damage.
- **Professional Installation:** For optimal performance and safety, professional installation is recommended.
- **Moisture Exposure:** Do not expose the unit to moisture or water. This can cause electric shock or malfunction.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Clarion FZ709 Receiver Unit
- Wiring Harness
- Remote Control
- Mounting Hardware
- Owner's Manual (this document)

4. SETUP

4.1. Installation

The FZ709 is a single-DIN unit. Ensure your vehicle has adequate space for installation. Professional installation is highly recommended due to complex wiring requirements.

1. **Disconnect Battery:** Before starting any wiring, disconnect the vehicle's negative battery terminal to prevent electrical shorts.
2. **Mounting:** Secure the receiver into the dashboard opening using the provided mounting sleeve and hardware.
3. **Wiring Connections:**
 - Connect the main power harness (yellow to constant 12V, red to switched 12V, black to ground).
 - Connect speaker wires to the corresponding vehicle speaker wires.
 - Connect the rear USB cable for iPod or USB device connection.
 - Connect the 3.5mm auxiliary input cable if using an external audio source.
 - Connect RCA outputs for external amplifiers (6ch/4V RCA Output).
 - Connect the external microphone for Bluetooth hands-free calling. Route the microphone cable to an optimal position, such as near the rearview mirror or A-pillar.
 - If using a satellite radio tuner, connect it to the SAT Ready input.
 - If your vehicle has OEM steering wheel controls, connect the OEM Steering Wheel Remote Ready wire to an appropriate interface (sold separately).
4. **Reconnect Battery:** Once all connections are secure, reconnect the vehicle's negative battery terminal.

4.2. Initial Power On

After installation, turn on your vehicle's ignition. The FZ709 should power on. Follow any on-screen prompts for initial setup, such as language selection or clock setting.

4.3. Bluetooth Pairing

To use the hands-free calling and audio streaming features, you must pair your Bluetooth-enabled device with the FZ709.

1. Ensure Bluetooth is enabled on your mobile device.
2. On the FZ709, navigate to the Bluetooth menu using the touch-sensitive controls.
3. Select "Pairing" or "Add Device". The FZ709 will enter pairing mode and become discoverable.
4. On your mobile device, search for available Bluetooth devices. Select "Clarion FZ709" from the list.
5. If prompted, enter the PIN code (usually "0000") on your mobile device.
6. Once paired, the FZ709 will confirm the connection.

5. OPERATING INSTRUCTIONS

The FZ709 features a Full Dot OEL Display and touch-sensor operation. Familiarize yourself with the touch controls for optimal use.

5.1. Basic Controls

- **Power On/Off:** Press and hold the designated power area on the touch panel.
- **Volume Control:** Swipe your finger up or down on the designated volume area of the touch panel to increase or decrease volume.
- **Source Selection:** Tap the 'Source' or 'Mode' icon to cycle through available audio sources (USB, Bluetooth, Aux, FM, AM, SAT).
- **Menu Navigation:** Use the touch-sensitive arrows or icons on the display to navigate through menus and settings.

5.2. USB Audio for iPod/USB Devices

Connect your iPod or a USB storage device to the rear USB port using the appropriate cable. The FZ709 will automatically detect the device and begin playback.

- **iPod Control:** You can browse your iPod's music library (artists, albums, songs, playlists) directly from the FZ709's display.
- **USB Device Playback:** The unit supports MP3, WMA, and iTunes AAC files from USB flash drives.
- **Track Selection:** Use the touch controls to skip tracks forward/backward or to browse folders/files.

5.3. Bluetooth Audio Streaming (A2DP)

Once your device is paired, select the Bluetooth audio source to stream music wirelessly.

- Start playback on your paired mobile device. The audio will stream to the FZ709.
- Use the FZ709's controls (AVRCP) to play, pause, or skip tracks.

5.4. Bluetooth Hands-Free Calling (HFP)

When a call comes in, the unit will prioritize the call, muting or pausing current audio playback.

- **Answering/Ending Calls:** Tap the designated 'Answer' or 'End Call' icon on the display.
- **Making Calls:** Access your phone's contacts or dial a number using the FZ709's Bluetooth menu.
Note: Phonebook synchronization may vary depending on your mobile device.

5.5. Auxiliary Input

Connect any portable audio player to the rear 3.5mm auxiliary input. Select 'AUX' as the source to listen to audio from the connected device.

5.6. Radio Operation

- **Band Selection:** Select FM or AM band.
- **Tuning:** Use the seek/scan functions to find radio stations.
- **Presets:** Save your favorite stations to preset memory for quick access. The unit typically offers multiple banks of presets.

5.7. Sound Adjustments

- **Beat EQ:** Access the Beat EQ settings to customize the sound equalization to your preference.
- **BBE MP:** Enable BBE MP for compressed audio sound improvement, enhancing the clarity and presence of digital music files.

- **LPF/HPF:** Utilize the built-in Low Pass Filter (LPF) and High Pass Filter (HPF) for precise audio crossover adjustments, especially when using a subwoofer or external amplifiers.
- **Subwoofer Control:** Adjust subwoofer output levels and phase from the audio settings menu.

6. MAINTENANCE

6.1. Cleaning the Unit

- Use a soft, dry cloth to wipe the display and control panel.
- For stubborn dirt, dampen the cloth lightly with water or a mild, non-abrasive cleaner. Do not spray cleaners directly onto the unit.
- Avoid using harsh chemicals, solvents, or abrasive pads, as these can damage the finish or display.

6.2. General Care

- Ensure proper ventilation around the unit to prevent overheating.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.

7. TROUBLESHOOTING

If you encounter issues with your FZ709, refer to the following common problems and solutions:

- **No Power:**
 - Check vehicle's fuse box and the unit's inline fuse.
 - Verify all power connections (constant 12V, switched 12V, ground).
- **No Sound:**
 - Ensure volume is not at minimum or muted.
 - Check speaker wire connections.
 - Verify correct audio source is selected.
 - If using external amplifiers, check their power and signal connections.
- **Bluetooth Connectivity Issues (e.g., no streaming, no hands-free):**
 - Ensure Bluetooth is enabled on both the FZ709 and your mobile device.
 - Delete the pairing from both devices and attempt to re-pair.
 - Move your mobile device closer to the FZ709.
 - **Important Note for iPhone Users:** Users have reported Bluetooth compatibility issues with iOS 5 and later versions. Clarion has acknowledged this. If you are experiencing issues with an iPhone running iOS 5 or higher, Bluetooth audio streaming and hands-free functionality may be affected. Check Clarion's official support for potential firmware updates or workarounds.
- **USB Device Not Recognized:**
 - Ensure the USB device is formatted correctly (e.g., FAT32).
 - Check the USB cable connection.
 - Ensure the audio files are in a supported format (MP3, WMA, iTunes AAC).

- **Touch Controls Unresponsive:**

- Clean the display surface.
- Perform a soft reset (refer to the full manual for specific reset procedures, if available).

8. SPECIFICATIONS

Product Dimensions	6 x 7 x 6 inches
Item Weight	1.75 pounds
Item Model Number	FZ709
Wireless Communication Technologies	Bluetooth, IR
Connectivity Technologies	Auxiliary, Bluetooth, RCA, USB
Other Display Features	Wireless
Color	BLACK
Manufacturer	Clarion Mobile Electronics
Connectivity Technology	Auxiliary, Bluetooth, RCA, USB
Compatible Devices	Smartphone, Speaker
Connector Type	3.5mm Jack, RCA, USB
Output Power	50 Watts x 4 channels
Number of Channels (RCA Output)	6 (4V RCA Output)
Supported Internet Services	iTunes (for AAC files)
Audio Formats Supported	MP3, WMA, iTunes AAC
D/A Converter	24-Bit
Display Type	Full Dot OEL Display

9. WARRANTY INFORMATION

Clarion products are manufactured to high-quality standards. This product is covered by a limited warranty. Please refer to the warranty card included with your purchase or visit the official Clarion website for detailed warranty terms and conditions, including coverage period and service procedures. Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, customer service, or to inquire about replacement parts, please contact Clarion customer support. You can typically find contact information on the official Clarion website or through the documentation provided with your product.

Online Resources: Visit the official Clarion website for FAQs, software updates, and additional support materials.

11. MEDIA INTEGRATION NOTES

This manual does not include embedded product images or videos as none were provided in the source data. If available, product images would be strategically placed with descriptive alt-text and accompanying text descriptions. Official product videos from the seller, if available and relevant, would be embedded with a maximum width of 420px and detailed text descriptions.