

ZZWYF JX-X1

ZZWYF JX-X1 Bluetooth Car MP3 Board Music Player Instruction Manual

Model: JX-X1

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ZZWYF JX-X1 Bluetooth Car MP3 Board. Please read this manual thoroughly before using the product to ensure proper function and longevity. This device integrates Bluetooth connectivity, MP3 playback from USB/TF cards, FM radio, and hands-free calling capabilities, designed for car audio systems.

2. SAFETY INFORMATION

- **Power Supply:** Ensure the power supply is within the specified range of DC 8V-24V. Incorrect voltage can damage the device.
- **Installation:** Professional installation is recommended for car audio systems. Ensure all connections are secure and correctly polarized to prevent short circuits.
- **Moisture:** Keep the device away from water and excessive moisture.
- **Temperature:** Avoid exposing the device to extreme temperatures.
- **Cleaning:** Use a dry, soft cloth for cleaning. Do not use liquid cleaners.
- **Disassembly:** Do not attempt to disassemble or repair the unit yourself. Refer to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x ZZWYF JX-X1 Bluetooth Car MP3 Board
- 1 x Remote Control (style may vary)
- Connection Wires
- FM Antenna Wire



Image: The ZZWYF JX-X1 Bluetooth Car MP3 Board, accompanied by a remote control and necessary connection wires, as typically included in the package.

4. PRODUCT OVERVIEW

The JX-X1 board features a front panel with various controls and ports for media playback and system interaction.



Image: Close-up of the JX-X1 front panel, highlighting the digital display, USB port, TF card slot, microphone input, and control buttons for mode, playback, and volume.

Front Panel Controls and Ports:

- **Digital Display:** Shows current mode, track number, frequency, etc.
- **USB Port:** For USB flash drives (MP3 playback) and 5V-2A output discharge.

- **TF Card Slot:** For TF (MicroSD) cards (MP3 playback).
- **6.5mm Microphone Input:** For external microphone connection.
- **3.5mm Earphone Output:** For private listening.
- **MODE Button:** Switches between USB, TF, LINE IN, FM, and Bluetooth modes.
- **Play/Pause Button:** Controls playback; long press to answer/end calls.
- **Previous/Next Buttons:** Navigates tracks or FM stations.
- **VOL-/VOL+ Knob:** Adjusts volume.
- **REC Button:** Initiates/stops recording (requires storage device).
- **OFF/ON Switch:** Power switch.

5. SETUP

5.1 Wiring Diagram

Connect the board to your car's power supply and speakers according to the following guidelines. Ensure correct polarity for all connections.

- **Power Input:** Connect the DC 8V-24V power supply to the designated power terminals on the board.
- **Speaker Output:** Connect your speakers to the amplifier output terminals. The board supports 2 channels with 80W per channel.
- **FM Antenna:** Connect the provided FM antenna wire to the FM antenna port for optimal radio reception.
- **LINE IN (Optional):** If using an external audio source via LINE IN, connect it to the corresponding input.

5.2 Mounting

The JX-X1 board is designed for freestanding integration into a car's dashboard or custom enclosure. Ensure adequate ventilation around the board to prevent overheating.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Toggle the OFF/ON switch on the front panel to power the device on or off.

6.2 Mode Selection

Press the **MODE** button to cycle through available input sources: Bluetooth, USB, TF, LINE IN, and FM radio.

6.3 Bluetooth Pairing

1. Switch the device to Bluetooth mode using the **MODE** button. The display will show 'BLUE' or a similar indicator.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select 'JX-X1' (or similar name) from the list to pair.
4. Once paired, you can play audio from your mobile device through the JX-X1.

6.4 USB/TF Card Playback

1. Insert a USB flash drive or TF card containing MP3 audio files into the respective port/slot.
2. The device will automatically switch to USB or TF mode and begin playing. If not, press the **MODE** button to select the correct source.
3. Use the **Previous/Next** buttons to navigate tracks and the **Play/Pause** button to control playback.

6.5 FM Radio Operation

1. Switch the device to FM mode using the **MODE** button. The display will show the current FM frequency.
2. Long press the **Play/Pause** button to initiate an automatic scan for FM stations. The device will save found stations.
3. Use the **Previous/Next** buttons to cycle through saved FM stations.

6.6 Hands-free Calling

When a call comes in while in Bluetooth mode:

- **Answer Call:** Long press the **Play/Pause** button.
- **End Call:** Long press the **Play/Pause** button again.

6.7 Recording Function

The recording function requires a USB drive or TF card to be inserted.

1. Ensure a storage device (USB or TF card) is connected.
2. Long press the **REC** button to start recording.
3. Long press the **REC** button again to stop recording and play the recorded file.
4. To exit recording playback, long press the **Play/Pause** button.

6.8 Remote Control Usage

The included remote control provides convenient access to all major functions. Point the remote directly at the IR receiver on the front panel of the JX-X1 board.



Image: The JX-X1 board displayed alongside three variations of remote controls, illustrating the different styles that may be included with the product.

7. MAINTENANCE

- **Cleaning:** Gently wipe the front panel and buttons with a dry, soft cloth. Avoid abrasive cleaners or solvents.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Storage:** If storing the device for an extended period, ensure it is powered off and kept in a dry, dust-free environment.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Incorrect power connection; Power supply outside range	Check power wiring and voltage (DC 8V-24V). Ensure the ON/OFF switch is in the 'ON' position.
No sound	Volume too low; Incorrect speaker connection; Wrong mode selected	Increase volume. Verify speaker wiring. Ensure the correct input mode (Bluetooth, USB, TF, FM) is selected.
Bluetooth not pairing	Device not in pairing mode; Bluetooth disabled on mobile device	Ensure JX-X1 is in Bluetooth mode. Enable Bluetooth on your mobile device and rescan.
USB/TF card not playing	Card/drive not inserted correctly; Unsupported file format; Corrupted files	Reinsert the USB drive/TF card. Ensure files are in MP3 format. Try a different storage device.
Poor FM reception	Antenna not connected; Weak signal	Connect the FM antenna. Try repositioning the antenna or performing an auto-scan again.
Recording not working	No storage device connected	Ensure a USB drive or TF card is inserted before attempting to record.

9. SPECIFICATIONS



Image: The JX-X1 board with key dimensions indicated: approximately 130mm (5.12 inches) in length and 60mm (2.36

inches) in height.

Feature	Detail
Model	JX-X1
Brand	ZZWYF
Power Supply	DC 8V-24V
Current	1-4A
Output Power	2 x 80W (Total 160W)
Bluetooth Version	5.0
FM Radio Frequency	87.5MHz - 108.0MHz
Connectivity	Bluetooth, USB, TF Card, LINE IN (RCA)
Microphone Input	6.5mm
Earphone Output	3.5mm
USB Output Discharge	5V-2A (Type-C support)
Memory Function	Power-off memory
Dimensions (Approx.)	130mm x 43mm x 60mm (5.12in x 1.69in x 2.36in)

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or manufacturer's official website. Keep your purchase receipt as proof of purchase.