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› JVC KW-M780BT 6.8" Digital Media Receiver User Manual

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6.8" Digital Media Receiver with Apple CarPlay and Android Auto Compatibility

1. PRODUCT OVERVIEW

The JVC KW-M780BT is a 6.8-inch digital media receiver designed for in-car entertainment and connectivity. It features a WVGA capacitive gesture touch control panel and offers seamless integration with smartphones via Apple CarPlay and Android Auto. This unit also includes built-in Bluetooth for hands-free calling and audio streaming, along with advanced audio customization options.



Figure 1: JVC KW-M780BT main interface displaying Apple CarPlay and Android Auto options.

2. SETUP AND INSTALLATION

2.1 Wiring Connections

Before installation, ensure the vehicle's battery is disconnected. Connect all necessary power, ground, speaker, and accessory wires according to your vehicle's wiring diagram and the receiver's installation guide. The rear panel of the receiver provides various input and output ports for cameras, microphones, and audio signals.

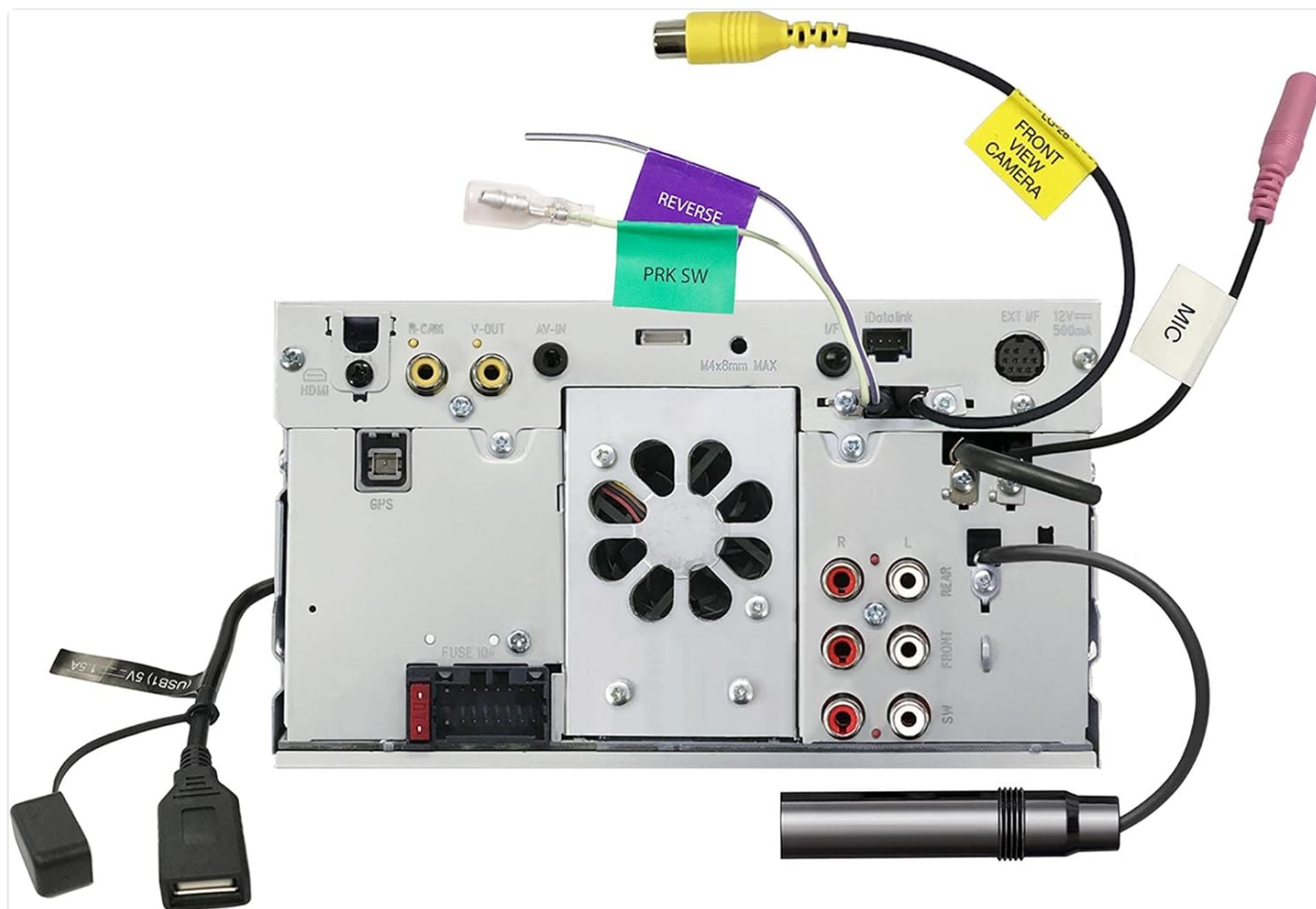


Figure 2: Rear connections of the JVC KW-M780BT Digital Media Receiver.

2.2 Steering Wheel Control Interface (SWI-RC)

The included PAC Audio SWI-RC Steering Wheel Control Interface allows retention of factory steering wheel control functions when replacing the original radio. This interface is compatible with most Pioneer, Sony, JVC, Alpine, Clarion, Kenwood, Blaupunkt, Jensen, Dual, Advent, OEM, Valor, and Visteon radios equipped with a wired remote control input. Follow the specific instructions provided with the SWI-RC for proper installation and programming. The interface retains programming even if the vehicle's battery is disconnected.



Figure 3: PAC Audio SWI-RC Steering Wheel Control Interface and wiring.

2.3 Initial Power On and Settings

After installation, reconnect the battery. Turn on the vehicle's ignition. The receiver will power on. Follow any on-screen prompts for initial setup, such as language selection and time settings. The display supports multiple languages including English, Spanish, and French.

3. OPERATING INSTRUCTIONS

3.1 Touchscreen and Controls

The 6.8-inch WVGA capacitive touchscreen supports gesture control for intuitive operation. Key illumination color is variable, and a dimmer function is available. The Graphical User Interface (GUI) is customizable, and you can capture and set wallpapers.

3.2 Bluetooth Connectivity

The receiver features built-in Bluetooth with a wired microphone included for clear hands-free calling (HFP1.8 Wideband Speech). It supports audio streaming and control (A2DP, AVRCP) and Phone Book Access Profile (PBAP). Auto pairing is available for Android devices. The JVC Streaming DJ feature allows up to 5 Bluetooth audio connections simultaneously. You can also connect two phones full-time. Voice dialing is supported with a compatible mobile phone.

3.3 Apple CarPlay and Android Auto

Connect your compatible iPhone or Android smartphone via USB to access Apple CarPlay or Android Auto. These platforms allow you to use selected smartphone applications directly on the receiver's display, including navigation, music, and messaging.



Figure 4: Apple CarPlay interface on the JVC KW-M780BT.



Figure 5: Android Auto interface on the JVC KW-M780BT.

3.4 USB Media Playback

Connect a USB device to play audio files. The receiver supports various audio codecs and provides on-screen controls for playback, track selection, and file browsing.



Figure 6: USB audio playback screen on the JVC KW-M780BT.

3.5 Audio Settings

Customize your audio experience with the following features:

- **13-Band Graphic EQ:** Fine-tune audio frequencies.

- **Digital Track Expander:** Enhances compressed audio.
- **Preset EQ:** Choose from 8 preset modes or 4 user-defined settings.
- **Bass Boost:** Increases low-frequency output.
- **High-Pass Filter/Low-Pass Filter:** Optimizes speaker output for specific frequencies.
- **Space Enhancement, Sound Response, Sound Lift:** Advanced sound processing features.
- **Volume Link EQ:** Adjusts EQ based on volume level.
- **Time Alignment:** Synchronizes sound from all speakers to reach the listener simultaneously.
- **3-Way X'over:** Advanced crossover settings for multi-speaker systems.

4. MAINTENANCE

4.1 Cleaning the Display

To clean the touchscreen, gently wipe it with a soft, dry, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid using harsh chemicals, abrasive materials, or excessive pressure, as these can damage the screen.

4.2 General Care

Ensure the receiver is protected from extreme temperatures, direct sunlight for prolonged periods, and excessive moisture. Keep ventilation openings clear to prevent overheating.

5. TROUBLESHOOTING

5.1 No Power

- Check the vehicle's fuse box and the receiver's inline fuse.
- Verify all power and ground connections are secure.

5.2 No Sound

- Ensure the volume is not muted or set to minimum.
- Check speaker connections for proper polarity and secure fit.
- Verify audio source selection is correct.

5.3 Bluetooth Connection Issues

- Ensure Bluetooth is enabled on both the receiver and your smartphone.
- Delete previous pairings on both devices and attempt to re-pair.
- Move the smartphone closer to the receiver.

5.4 Apple CarPlay / Android Auto Not Launching

- Ensure your smartphone is compatible and running the latest software.
- Use a high-quality USB cable, preferably the one supplied with your phone.
- Check that Apple CarPlay or Android Auto is enabled in the receiver's settings and on your phone.

6. SPECIFICATIONS

Feature	Specification
Brand	JVC
Model	KW-M780BT
Monitor Screen Size	6.8 Inch
Panel Type	WVGA Capacitive Gesture Touch Control
Connectivity Technology	Bluetooth, USB
Controller Type	Push Button, Touchscreen
Special Features	DAB, Touchscreen, Apple CarPlay, Android Auto
Compatible Devices	Smartphone
Maximum Power Output	50W x 4 (Front & Rear)
Full Bandwidth Power	22W x 4 (at less than 1% THD)
Number of Channels	4
Item Weight	5 Pounds
UPC	850058576992
ASIN	B0F339KYXB

7. WARRANTY INFORMATION

This JVC KW-M780BT Digital Media Receiver comes with a 90-day limited warranty. Please retain your proof of purchase for any warranty claims. The warranty covers defects in materials and workmanship under normal use.

8. SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact JVC customer support or the retailer from whom the product was purchased. Refer to the official JVC website for the most current support contact information and additional resources.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question