

Kenwood DMX9707S

KENWOOD DMX9707S 6.95-Inch Digital Multimedia Receiver User Manual

Model: DMX9707S

This manual provides detailed instructions for the installation, operation, and maintenance of your KENWOOD DMX9707S Digital Multimedia Receiver.

1. INTRODUCTION

The KENWOOD DMX9707S is a 6.95-inch capacitive touchscreen car stereo designed to enhance your in-car audio and connectivity experience. It features wired and wireless Apple CarPlay and Android Auto, Bluetooth 5.0, AM/FM radio, MP3 playback, and a USB port. This double DIN unit also includes a 13-band equalizer and SiriusXM readiness, offering a comprehensive multimedia solution for your vehicle.



Figure 1.1: Front view of the KENWOOD DMX9707S Digital Multimedia Receiver.

2. KEY FEATURES

- **Apple CarPlay Integration:** Safely use your iPhone for navigation, calls, messages, and music via wired or wireless connection.
- **Android Auto Integration:** Minimize distractions and stay focused with an intuitive voice-controlled interface for navigation, calls, and music via wired or wireless connection.
- **Bluetooth 5.0:** Built-in Bluetooth for wireless phone calls and music streaming with enhanced sound quality (HFP 1.7).
- **6.95-inch Clear Resistive Touchscreen:** Widescreen LCD with LED backlighting, offering high contrast, clear display, and vivid text with 800x480 resolution.
- **High-Resolution Audio:** Supports 192kHz / 24bit sampling DSP, exceeding CD standards for detailed audio reproduction.
- **Multiple Camera Inputs:** Supports up to four camera inputs for enhanced visibility (e.g., dash cam, rearview, front-facing, side cams).
- **iDataLink Maestro Ready:** Allows integration with vehicle's factory features (requires iDataLink Maestro RR or RR2, sold separately).
- **Dual Rear USB Inputs:** Convenient connectivity for USB devices.



Figure 2.1: Overview of wireless connectivity features including Apple CarPlay, Android Auto, and Wi-Fi Miracast.

3. SETUP

3.1 Initial Power-On and Warning

Upon initial power-on, the unit will display the KENWOOD logo followed by a warning message regarding safe operation. You can either wait 10 seconds for the message to automatically dismiss or tap 'Agree' to proceed immediately.

3.2 Wiring and Connections

Ensure all necessary wiring is correctly connected. The unit features multiple inputs and outputs for various accessories.

- **USB Ports:** Two rear USB ports are available for media playback and smartphone connectivity.
- **AV-IN:** Audio/Video input for external sources.
- **Camera Inputs:** Dedicated inputs for front, rear, and side cameras.
- **RCA Pre-outs:** For connecting external amplifiers.

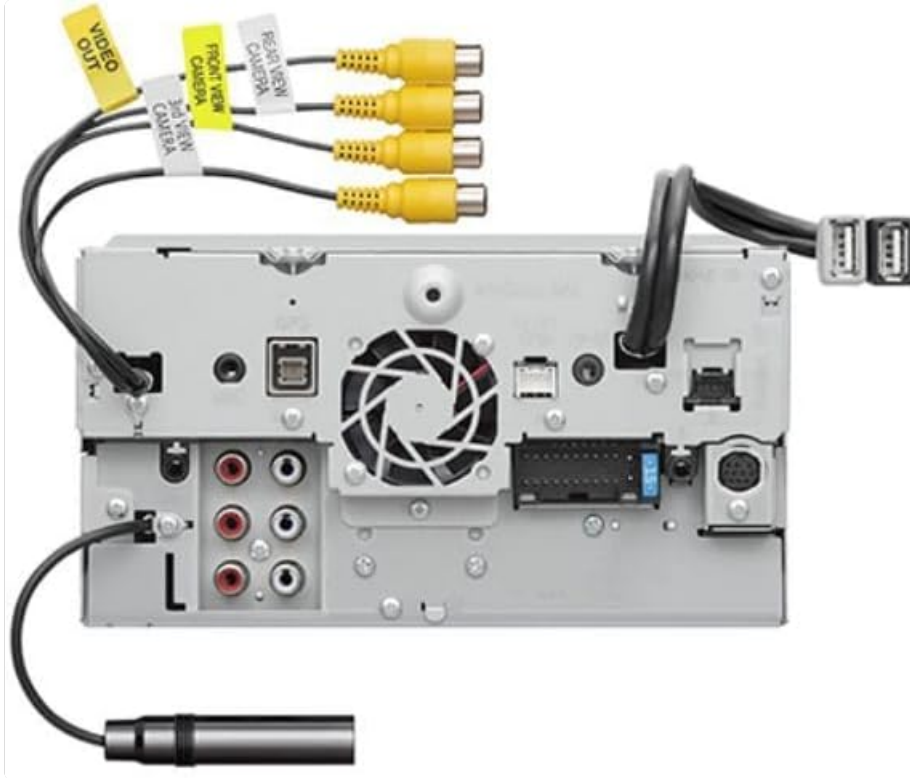


Figure 3.1: Rear panel connections of the DMX9707S, including RCA outputs, USB ports, and camera inputs.

4. OPERATING INSTRUCTIONS

4.1 Home Screen Navigation

The home screen provides quick access to primary functions. Swipe left or right, or use the menu button to access additional options.

- **Bluetooth:** Connects to your smartphone for calls and audio streaming.
- **Radio:** Access AM/FM tuner.
- **Apple CarPlay / Android Auto:** Launch smartphone integration.
- **TEL:** Direct access to phone functions.
- **Wireless Mirroring:** Display content from compatible Google phones wirelessly.
- **USB Mirroring:** Display content from your smartphone via USB connection.
- **SiriusXM:** Access satellite radio (requires additional tuner and subscription).
- **iPod / USB / AV-IN / Audio:** Select various media sources.



Figure 4.1: The DMX9707S home screen with Android Auto activated.



Figure 4.2: The DMX9707S home screen with Apple CarPlay activated.

4.2 Audio Settings

Access the 'Audio' menu from the setup screen to fine-tune your sound experience.

- **Graphic Equalizer (EQ):** Adjust frequency bands to customize sound output. The 'ALL SRC' option applies settings to all audio sources. You can select presets or initialize to default settings.
- **Speaker/X'over:** Configure speaker types, sizes, locations (e.g., lower door area, tweeter, medium), and crossover settings.
- **Position/DTA (Digital Time Alignment):** Adjust the listening position to optimize sound staging for specific seating arrangements (e.g., driver-focused).
- **Fader/Balance:** Control the front/rear fader and left/right balance of the audio output.

- **Volume Offset:** Adjust individual volume levels for different audio sources (e.g., FM radio, AM radio, USB, iPod, AV-IN, Bluetooth, SiriusXM, OEM, Wireless Mirroring, USB Mirroring) to ensure consistent loudness when switching sources.
- **Zone Control:** Configure audio output for single or dual zones (e.g., front source, rear source, rear volume).
- **Sound Effect:** Enable or adjust features like Bass Boost, Loudness, Realizer, Drive Equalizer, Space Enhancer, and Stage EQ.
- **Audio Memory:** Save, recall, or clear your custom audio setup settings.

4.3 Camera Functions

The unit supports multiple camera inputs. Access the camera view from the home screen or through the setup menu. This allows for enhanced visibility for parking and driving safety.



Figure 4.3: The DMX9707S supports up to 4 camera inputs.

4.4 Vehicle Information and Gauges

If connected to a compatible iDataLink Maestro module, the unit can display vehicle information such as tire pressure, battery voltage, and engine status. It can also show customizable gauges for various vehicle parameters.



Figure 4.4: The DMX9707S is iDataLink Maestro Ready for advanced vehicle integration.

4.5 Bluetooth Dual Phone Connection

The DMX9707S supports dual phone connection via Bluetooth, allowing two phones to be paired simultaneously for hands-free calling and music streaming.



Figure 4.5: Dual Phone Connection allows two devices to be paired simultaneously.

4.6 Wireless Mirroring

Wirelessly mirror your smartphone screen to the DMX9707S display. This feature is primarily compatible with Google phones.



Figure 4.6: Wireless Mirroring allows screen sharing from compatible devices.

5. MAINTENANCE

- **Screen Cleaning:** Use a soft, dry cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean around buttons and vents.
- **Firmware Updates:** Periodically check the Kenwood website for firmware updates to ensure optimal performance and access to new features. Follow the instructions provided with the update carefully.
- **Avoid Extreme Temperatures:** Do not expose the unit to prolonged direct sunlight or extreme cold, as this can affect performance and lifespan.

6. TROUBLESHOOTING

- **No Power:** Check the vehicle's fuse box and the unit's wiring connections. Ensure the ignition is on.
- **No Sound:** Verify speaker connections, amplifier status (if applicable), and audio settings (volume, fader, balance, mute). Check if 'Volume Offset' is set too low for the current source.
- **Touchscreen Unresponsive:** Try resetting the unit (refer to the 'Reset' button location, usually a small pinhole). If the issue persists, contact support.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the unit and your smartphone. Delete previous pairings and attempt to re-pair. Check for interference from other devices.
- **CarPlay/Android Auto Not Launching:** Ensure your smartphone is compatible and the correct USB cable is used (for wired connection). For wireless, verify Wi-Fi and Bluetooth are active on your phone. Try restarting both the phone and the head unit.
- **Poor Radio Reception:** Check antenna connection. Ensure the antenna is properly installed and not obstructed.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	6.19 x 6.19 x 3.19 inches
Item Weight	5.88 pounds
Item Model Number	DMX9707S
Brand	Kenwood
Connectivity Technology	Bluetooth, USB, Wi-Fi

Feature	Specification
Controller Type	Button, Touchscreen
Special Feature	Equalizer, Touchscreen
Compatible Devices	Smartphone
Connector Type	3.5mm Jack, USB
Audio Output Mode	Stereo
Surround Sound Channel Configuration	5.1
Video Encoding	MPEG1/2, MPEG4, H.264, MKV
Color	Black
Manufacturer	KENWOOD
First Available Date	January 29, 2020

8. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 8.1: KENWOOD DMX9707S demo video. This video provides a visual demonstration of the unit's user interface, key features, and various settings, including audio adjustments and connectivity options.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Kenwood website or contact Kenwood customer service directly. Keep your proof of purchase for warranty claims.

- **Online Support:** Visit the [Kenwood Store on Amazon](#) or the official Kenwood website for FAQs, software updates, and contact information.
- **Product Registration:** Register your product online to receive important updates and streamline warranty service.