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Memphis X30CORE2

Memphis Audio X30CORE2 UTV Audio System User Manual

Model: X30CORE2 | Brand: Memphis Audio

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Memphis Audio X30CORE2 2-Speaker UTV Audio System. This system is specifically designed for 2017 and newer Can-Am Maverick X3 models, offering a comprehensive audio upgrade.

The X30CORE2 bundle includes two speaker pods (Memphis Audio CANAMX365FE), an amplifier, the MXAMCAPP Headless Media Center Receiver, and all necessary wiring kits (MXASSKITMCPWR) for a complete plug-and-play installation.



Figure 1: Overview of the Memphis Audio X30CORE2 UTV Audio System components.

SETUP AND INSTALLATION

The X30CORE2 system is designed for a straightforward plug-and-play installation in your Can-Am Maverick X3. Ensure your vehicle is a 2017 model or newer for compatibility.

Components Overview:

- **Speaker Pods (CANAMX365FE):** Two 6.5-inch front pods, rated at 75W RMS / 150W Peak power. These pods feature RGB LED speaker, floor, and logo lighting, injection-molded polypropylene construction, and sealed connectors.
- **MXAMCAPP Headless Media Center Receiver:** This unit provides multiple audio sources and smartphone control capabilities. It includes a 50W x 4 built-in amplifier, RGB LED control output, and 5-Volt pre-amp RCA outputs for

front, rear, and subwoofer.

- **Wiring Kits (MXASSKITMCPWR):** Comprehensive plug-and-play harnesses are included to simplify the connection of all components.

Installation Steps:

1. **Mount Speaker Pods:** Securely mount the CANAMX365FE speaker pods in the designated front locations of your Maverick X3.
2. **Install MXAMCAPP Receiver:** Find a suitable location for the MXAMCAPP unit, ensuring it is protected from direct elements. The unit features a conformal coated PCB and is IP66 rated for durability.
3. **Connect Wiring:** Utilize the provided MXASSKITMCPWR wiring harnesses. These are designed for plug-and-play connectivity, minimizing the need for custom wiring. Connect the speaker pods to the amplifier outputs, and the MXAMCAPP receiver to the power source and speaker inputs.
4. **Wired Remote Installation:** The wired remote control for the MXAMCAPP fits into a standard rocker/Carling switch cutout. Install it in an easily accessible location. The buttons on the remote illuminate for visibility.
5. **Power Connection:** Ensure all power connections are secure and properly fused according to the wiring diagram provided with the kit.



Figure 2: The comprehensive plug-and-play wiring kit included with the system.

OPERATING INSTRUCTIONS

The MXAMCAPP Headless Media Center Receiver is controlled primarily through your smartphone via a dedicated app, or using the included wired remote.

MXAMCAPP Features:

- **Source Options:** Select from AUX, Bluetooth (BT), AM/FM Radio, Weather Band (WB), and USB.
- **USB Charging:** A dedicated USB port is available for charging your mobile devices.

- **RGB LED Control Output:** Manage the color and patterns of the integrated RGB LED lighting on the speaker pods, floor, and logo.
- **Pre-amp Outputs:** Front, Rear, and Subwoofer RCA outputs are provided for connecting external amplifiers if desired.

Smartphone App Control:

Download the official Memphis Audio app to your smartphone to unlock full control over the MXAMCAPP receiver. The app allows you to:

- Adjust RGB lighting settings.
- Access custom EQ settings for personalized audio.
- Control Balance/Fade and Subwoofer levels.
- Manage AM/FM radio presets.
- Configure radio screen settings.

Wired Remote Control:

The wired remote provides convenient access to basic functions without needing your smartphone. It features illuminated buttons for easy use in various lighting conditions.



Figure 3: The MXAMCAPP receiver, smartphone app interface, and wired remote control.



Figure 4: Detailed view of the wired remote control, designed to fit standard rocker switch cutouts.

MAINTENANCE

To ensure the longevity and optimal performance of your Memphis Audio UTV audio system, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the speaker pods and receiver unit with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, which can damage the finish or electronic components.
- **Water Resistance:** The speaker pods are IPX6 rated, and the MXAMCAPP receiver features a conformal coated PCB and is IP66 rated. While designed to resist water and elements, avoid direct high-pressure water sprays on the units.
- **Connections:** Periodically check all wiring connections to ensure they remain secure and free from corrosion.
- **Storage:** If storing the UTV for extended periods, ensure the audio system is clean and dry.

TROUBLESHOOTING

If you encounter issues with your Memphis Audio X30CORE2 system, consider the following common troubleshooting steps:

- **No Power:** Check all power connections, including the main power wire and ground. Verify that the vehicle's battery is charged and the fuse in the wiring kit is intact.
- **No Sound:** Ensure all speaker wires are correctly connected to the amplifier and speakers. Check the volume level on both the wired remote and the smartphone app. Verify the correct audio source is selected.
- **Distorted Sound:** Reduce the volume to see if distortion decreases. Check speaker connections for loose wires or

shorts. Ensure the EQ settings in the app are not overly boosted.

- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on your smartphone and the MXAMCAPP receiver. Try unpairing and re-pairing the device. Move your smartphone closer to the receiver.
- **RGB LED Lights Not Working:** Check the RGB LED control output connection. Verify settings within the smartphone app.

If problems persist after attempting these steps, contact Memphis Audio customer support or a qualified audio technician.

SPECIFICATIONS

Feature	Specification
Model Name	X30CORE2
Speaker Pods	Memphis Audio CANAMX365FE (6.5-inch Front Pods)
RMS Power (Speakers)	75 Watts
Peak Power (Speakers)	150 Watts
Receiver Unit	Memphis Audio MXAMCAPP Headless Media Center
MXAMCAPP Built-in Amplifier	50W x 4
MXAMCAPP Source Options	AUX, Bluetooth, AM/FM, Weather Band, USB
Water Resistance Rating (Pods)	IPX6
Water Resistance Rating (MXAMCAPP)	IP66 (Conformal Coated PCB)
Lighting	RGB LED Speaker, Floor, and Logo Lighting
Connectivity	Plug and Play Harnesses
Item Weight	11.2 pounds
Package Dimensions	17 x 15.25 x 9.75 inches
ASIN	B08VFBL5V5
Manufacturer	Memphis Audio

WARRANTY AND SUPPORT

For specific warranty information regarding your Memphis Audio X30CORE2 UTV Audio System, please refer to the warranty card included with your product or visit the official Memphis Audio website. Warranty terms typically cover

manufacturing defects for a specified period from the date of purchase.

For technical support, parts, or service inquiries, please contact Memphis Audio customer service directly. Ensure you have your product model number (X30CORE2) and proof of purchase available when contacting support.

Manufacturer: Memphis Audio

For the most up-to-date contact information, please visit the Memphis Audio official website or refer to the product packaging.

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