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› [Metra In-Dash 6.1" Touchscreen Car Stereo Receiver MDF-9500-3 User Manual](#)

Metra MDF-9500-3

Metra In-Dash 6.1" Touchscreen Car Stereo Receiver

Model: MDF-9500-3 | Brand: Metra

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Metra In-Dash 6.1" Touchscreen Car Stereo Receiver, model MDF-9500-3. This unit integrates CD/DVD/MP3/USB playback, GPS navigation, and Bluetooth connectivity for an enhanced in-car entertainment and navigation experience. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is highly recommended to ensure correct wiring and functionality.
- **Power Source:** Connect the unit only to a 12V DC power supply with a negative ground.
- **Avoid Water and Moisture:** Do not expose the unit to water or excessive moisture.
- **Temperature:** Operate the unit within a temperature range of 0°C to 40°C (32°F to 104°F).
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Volume Control:** Keep the volume at a level that allows you to hear outside traffic sounds.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Metra MDF-9500-3 In-Dash Car Stereo Receiver Unit
- Remote Control
- Wiring Harness
- GPS Antenna
- Mounting Hardware
- User Manual (this document)

INSTALLATION

The following steps provide a general overview of the installation process. For detailed wiring diagrams and vehicle-specific instructions, consult a professional installer or your vehicle's service manual.

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Existing Unit:** Carefully remove the factory or existing car stereo unit from the dashboard.
3. **Connect Wiring Harness:** Connect the provided wiring harness to the vehicle's wiring. Ensure all connections (power, ground, speaker, antenna, accessory) are secure and correctly matched.
4. **Connect GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield, and route the cable to the unit.
5. **Mount the Unit:** Slide the Metra MDF-9500-3 unit into the dashboard opening and secure it using the provided mounting hardware.
6. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.
7. **Test Functionality:** Turn on the vehicle and test all functions of the stereo receiver.

SETUP

Upon initial power-on or after a reset, you may need to configure basic settings.

- **Initial Boot:** The unit will display the Metra logo and then proceed to the main menu or last active source.
- **Language Selection:** If prompted, select your preferred language from the on-screen options.
- **Time and Date:** Access the system settings menu to set the correct time and date. The GPS system may automatically update this information.
- **GPS Calibration:** For optimal navigation performance, ensure the GPS antenna has a clear signal. The system may require initial calibration or satellite acquisition.

OPERATING INSTRUCTIONS



The Metra In-Dash Car Stereo Receiver MDF-9500-3, showing its 6.1-inch touchscreen displaying a GPS navigation map. The unit is accompanied by its remote control, which features numerous buttons for various functions, including source selection, volume, and navigation controls.

Front Panel Controls

- **Power Button (Top Left):** Press to turn the unit on or off.
- **Eject Button (Top Right):** Ejects a CD or DVD from the disc slot.
- **RESET Button (Small hole, Top Right):** Use a pointed object to press for a system reset.
- **micro SD Slot:** Insert a microSD card for media playback or navigation data.
- **USB Port:** Connect a USB device for media playback.
- **MENU Button:** Access the main menu or settings.
- **SRC (Source) Button:** Cycle through available audio/video sources (Radio, CD, DVD, USB, SD, Bluetooth, AUX, Navigation).
- **VOL (Volume) Knob/Buttons:** Adjust the audio volume.
- **SEL (Select) Button:** Confirm selections or access audio settings.
- **DISP (Display) Button:** Adjust display settings or turn the display off/on.
- **GPS CARD Slot:** Insert the GPS navigation map card.
- **NAVI (Navigation) Button:** Directly access the GPS navigation interface.
- **AUX (Auxiliary) Input:** Connect external audio devices.

Touchscreen Operation

The 6.1-inch touchscreen allows for intuitive control of the unit's functions.

- **Tap:** Select icons, buttons, or menu options.
- **Drag/Swipe:** Scroll through lists or move maps in navigation mode.

Remote Control Functions

The included remote control provides convenient access to various features:

- **SOURCE:** Cycles through input sources.
- **Numeric Keypad (0-9):** Direct input for radio presets, track numbers, or navigation.
- **Navigation Buttons (Up, Down, Left, Right, ENTER):** Navigate menus and selections.
- **VOL+/VOL-:** Adjust volume levels.
- **BT (Bluetooth):** Access Bluetooth functions.
- **PAIR:** Initiate Bluetooth pairing.
- **GOTO:** Specific function, often for DVD chapter selection or navigation shortcuts.
- **BAND/TITLE:** Switches radio bands or DVD titles.
- **AMS MENU:** Accesses Automatic Memory Store or menu functions.
- **LOC SUB-T:** Local/Distance radio tuning or subtitle selection for DVDs.
- **ST AUDIO:** Stereo/Mono audio selection.
- **PTY ANGLE:** Program Type for radio or camera angle for DVDs.
- **OSD:** On-Screen Display settings.
- **ZOOM:** Zoom in/out on images or maps.
- **PIN/PROG/RPT/RDM:** Playback controls for various media (Program, Repeat, Random).

CD/DVD Playback

1. Insert a disc into the disc slot with the label side facing up. The unit will automatically switch to CD/DVD

source.

2. Use the on-screen controls or remote control for Play, Pause, Stop, Skip Track, and Fast Forward/Rewind.

MP3/USB Playback

1. Connect a USB flash drive or insert a microSD card into the respective slot.
2. Select USB or SD as the source. The unit will display the file browser.
3. Navigate through folders and files using the touchscreen or remote control.

Bluetooth Operation

1. **Pairing:** Go to the Bluetooth menu. Enable Bluetooth on your mobile device and search for available devices. Select "Metra MDF-9500-3" (or similar name) from the list. Enter the PIN (usually "0000") if prompted.
2. **Hands-Free Calling:** Once paired, you can make and receive calls directly through the unit. Use the touchscreen or remote control to answer, end, or dial calls.
3. **Audio Streaming (A2DP):** Play audio from your paired device wirelessly through the car stereo.

GPS Navigation

The unit features integrated GPS navigation. The image shows a navigation screen displaying a route on "Patrick Henry Dr, Santa Clara, CA" with a distance of "1.0mi" and a time of "00:05" remaining.

1. Press the **NAVI** button or select the Navigation icon from the main menu.
2. Wait for the unit to acquire a GPS signal.
3. **Enter Destination:** Use the touchscreen keyboard to input an address, point of interest, or coordinates.
4. **Route Calculation:** The system will calculate the optimal route and provide turn-by-turn voice guidance and on-screen map directions.
5. **Map View:** Adjust the map view (2D/3D, zoom) using the on-screen controls or the remote's ZOOM button.

MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Do not use abrasive cleaners or solvents.
- **Disc Slot:** Keep the disc slot free of dust and debris. Avoid inserting bent or damaged discs.
- **General Cleaning:** Wipe the unit's exterior with a soft, dry cloth.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Blown fuse, incorrect wiring, loose connection	Check vehicle's fuse box and unit's fuse. Verify wiring connections. Ensure battery is connected.

Problem	Possible Cause	Solution
No sound	Volume too low, mute activated, incorrect speaker wiring	Increase volume. Check if mute is active. Verify speaker connections.
GPS signal lost or inaccurate	Antenna obstruction, poor satellite reception	Ensure GPS antenna has a clear view of the sky. Move to an open area.
Bluetooth pairing failed	Device not in pairing mode, incorrect PIN, interference	Ensure both devices are in pairing mode. Re-enter PIN. Try pairing in a different location.
Disc error	Damaged disc, incorrect format, dirty disc	Clean the disc. Try a different disc. Ensure disc format is supported.

If the problem persists after attempting these solutions, contact Metra customer support or a qualified service technician.

SPECIFICATIONS

Technical specifications for the Metra MDF-9500-3 In-Dash Car Stereo Receiver:




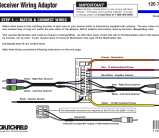


- **Model Number:** MDF-9500-3
- **Brand:** Metra
- **Display:** 6.1" Touchscreen
- **Connectivity Technology:** Bluetooth, USB
- **Controller Type:** Android (refers to compatibility, not OS)
- **Special Feature:** Touchscreen
- **Compatible Devices:** Smartphone, Speaker
- **Connector Type:** 3.5mm Jack, USB
- **Audio Output Mode:** Stereo
- **Output Power:** 50 Watts (per channel)
- **Number of Channels:** 4
- **Output Wattage:** 200 Watts (total)
- **Manufacturer:** Metra Electronics
- **Date First Available:** February 6, 2013

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Metra Electronics website. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: Metra Electronics

Website: www.metraonline.com (Example link, verify actual support site)

	<p>Metra 99-5716 Installation Instructions for Ford/Mercury 2000-2003</p> <p>Detailed installation instructions for the Metra 99-5716 dash and wiring kit, enabling the installation of aftermarket car stereos in 2000-2003 Ford Taurus and Mercury Sable models. Includes kit features, components, tools required, and step-by-step assembly.</p>
	<p>Metra 95-7315 Installation Instructions: 2005-2009 Hyundai Tucson Dash Kit</p> <p>Step-by-step guide for installing the Metra 95-7315 Double DIN dash kit in a 2005-2009 Hyundai Tucson. Includes dash disassembly and kit assembly procedures.</p>
	<p>Metra 108-TO6HG Installation Instructions for Toyota RAV4 2019-Up</p> <p>Comprehensive installation guide for the Metra 108-TO6HG kit, enabling the installation of an 8-inch Pioneer modular DDIN radio into a 2019-Up Toyota RAV4. Includes dash disassembly, kit assembly, wiring, and support information.</p>
	<p>Metra 70-1730 Receiver Wiring Adaptor Installation Guide</p> <p>Step-by-step instructions for installing the Metra 70-1730 receiver wiring adaptor, including wire matching, crimping, and connection procedures for aftermarket car stereos.</p>
	<p>Metra 99-5840CH Installation Instructions for Ford Mustang</p> <p>Detailed installation guide for the Metra 99-5840CH kit, enabling installation of an aftermarket radio in select Ford Mustang models (2015-2023). Covers dash disassembly, kit preparation, assembly, wiring, and touchscreen display operation.</p>
	<p>Metra 95-8202 Installation Instructions for Scion, Subaru, Toyota Multi-kit (2000-2017)</p> <p>Comprehensive installation instructions for the Metra 95-8202 Multi-kit, designed for Scion, Subaru, and Toyota vehicles from 2000-2017. This guide details dash disassembly, kit preparation, and assembly steps for replacing the factory radio.</p>