



DM90MIR

QUICK START GUIDE

Media Receiver with USB Mirror
featuring a 9" Digital TFT Display

This Quick Start Guide gives you the basics to start using your DM90MIR. Please visit www.dualav.com to download a complete owner's manual or call customer service at 1-866-382-5476 (Monday-Friday, 9AM-5PM EST).



Customer Service Toll Free: 1-866-382-5476

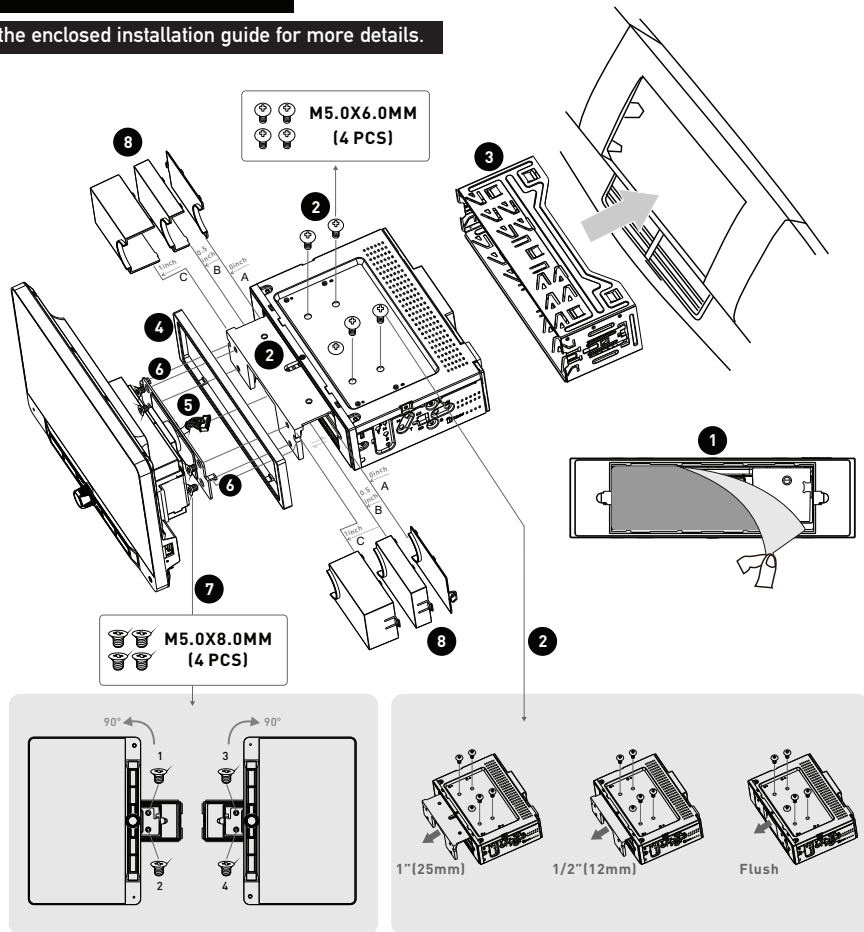
Installation

Before You Start

- Disconnect negative battery terminal. Consult a qualified technician for instructions.
- Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight, or where it would be subject to dust, dirt or excessive vibration.

INSTALLATION GUIDE

See the enclosed installation guide for more details.



Control Locations

The radio display features the following functions and displays:

- 1 Voice Activation Button
- 2 SOURCE/HOME
- 3 Power/Volume/Mute
- 4 Previous Button
- 5 Next Button
- 6 RESET / USB Port

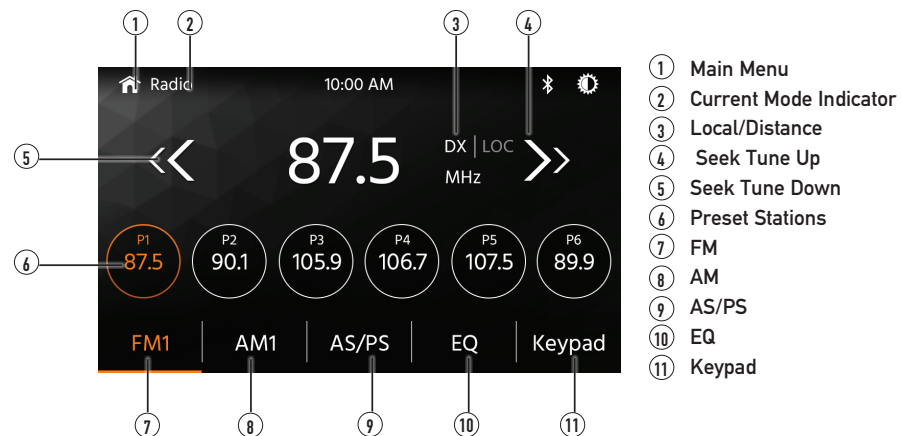


Main Menu



In main menu, press the desired icon to enter the corresponding mode: Radio/Bluetooth/USB Mirror/USB/Settings.

Tuner Operation



USB Operation

From the main menu, touch the USB icon on the main screen.



Note: Video playback is enabled only when the vehicle is in park and the parking brake engaged.

Bluetooth Operation

Before using Bluetooth

Before you can use a Bluetooth device to make hands-free calls or stream audio, it must be authenticated. This is also referred to as "pairing" a device.

Pairing a New Device

The unit broadcasts the pairing signal constantly when no devices are currently connected. Complete the pairing sequence from your Bluetooth device. Refer to the owner's manual for your device for more details. The device name is "DM90MIR". The unit can be in any mode of operation when pairing is performed. On certain phones, pairing may need to be done more than once.

Connect

The head unit will automatically connect to the last connected device when the connect feature is set to Auto connect On. If the connect feature is set to Auto Connect Off, the head unit will not automatically connect to any device.

Bluetooth Phone

From the main menu, touch the **Bluetooth** on the screen. Bluetooth icon will appear anytime a Bluetooth device is connected.

Dialing a Number

Press to display keypad and dial a number.

Making and Ending a Call

Press to connect a call, and press to end a call.

Transferring Audio

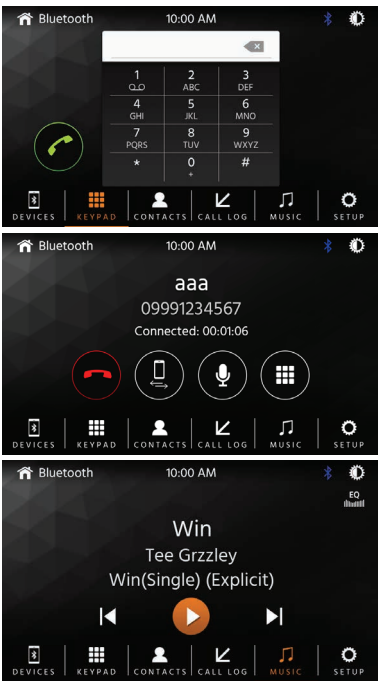
Press to transfer audio between the head unit and mobile phone.

Streaming Audio

Press to play or pause the music.

Press to skip to the previous track.

Press to advance to the next track.

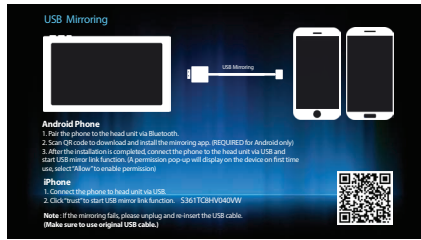


USB Mirror™ Operation

To set up USB Mirroring capabilities, select USB Mirroring from the main menu and follow the on-screen directions for connecting your Android or iPhone. Once completed, the unit will mirror phone display onto the unit's on-screen display. To return to the main menu, press the lower left corner of the screen to display and select the home button.

Note: Apple and Android operating system updates may cause your receiver to malfunction. This can usually be solved by doing a software/firmware update on the receiver. To see if your receiver has the latest firmware, contact customer service at 1-866-382-5476.

(Note: Mirroring is enabled only when the vehicle is in park and the parking brake engaged)



Dong Screen App's QR Code



- 1 Main Menu
- 2 Current Mode Indicator
- 3 Rotation icon
- 4 Audio Mix On/Off
- 5 Reconnect Mirroring

1. To return to main menu from USB Mirroring mode, touch the screen, will display the Home icon and Rotation icon. Audio Mix and Reconnect buttons on the top of the display.
2. **Home icon**- Return to Home Menu.
3. **Rotation icon**- Press rotation icon to Rotate the Mirrored screen from horizontal to vertical. (Tip: Manually rotate the monitor to the left or right until locked in the vertical/horizontal position.)
4. **Audio Mix On/Off icon**- When turned on, the previous source audio will be played in the background.
5. **Reconnect Icon**- Reconnects USB Mirroring if the connection is not working properly.

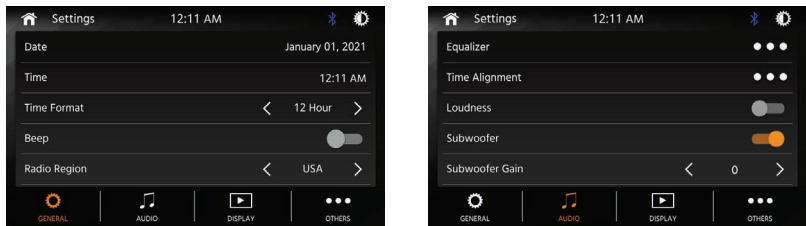
Audio Operation

Press the Settings icon on the main menu screen to adjust Fader and Balance controls, Equalizer (8-Band Tone Control and 8 Presets EQ Settings).



General Operation

From the Main Menu screen, select Setup to access the Settings menu and select from eight categories represented by the icons on the top of the screen: General, Audio, Display, Others. Select the category, and adjust any of the available options using the touch screen.



One-Year Limited Warranty

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Dual Electronics Corp. warrants this product to the original purchaser to be free from defects in material and workmanship for a period of one year from the date of the original purchase. Dual Electronics Corp. agrees, at our option, during the warranty period, to repair any defect in material or workmanship or to furnish an equal new, renewed or comparable product (whichever is deemed necessary) in exchange without charges, subject to verification of the defect or malfunction and proof of the date of purchase. Subsequent replacement products are warranted for the balance of the original warranty period. **Who is covered?** This warranty is extended to the original retail purchaser for products purchased from an authorized Dual dealer and used in the U.S.A. **What is covered?** This warranty covers all defects in material and workmanship in this product. The following are not covered: software, installation/removal costs, damage resulting from accident, misuse, abuse, neglect, product modification, improper installation, incorrect line voltage, unauthorized repair or failure to follow instructions supplied with the product, or damage occurring during return shipment of the product. Specific license conditions and copyright notices for the software can be found via www.dualav.com.

What to do?

1. Before you call for service, check the troubleshooting guide in your owner's manual. A slight adjustment of any custom controls may save you a service call.
2. If you require service during the warranty period, you must carefully pack the product (preferably in the original package) and ship it by prepaid transportation with a copy of the original receipt from the retailer to an authorized service center.
3. Please describe your problem in writing and include your name, a return UPS shipping address (P.O. Box not acceptable), and a daytime phone number with your shipment.
4. For more information and for the location of the nearest authorized service center please contact us by one of the following methods:
 - Call us toll-free at 1-866-382-5476 (Monday-Friday, 9:00 a.m. to 5:00 p.m. EST)
 - E-mail us at cs@dualav.com

Exclusion of Certain Damages: This warranty is exclusive and in lieu of any and all other warranties, expressed or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose and any obligation, liability, right, claim or remedy in contract or tort, whether or not arising from the company's negligence, actual or imputed. No person or representative is authorized to assume for the company any other liability in connection with the sale of this product. In no event shall the company be liable for indirect, incidental or consequential damages.

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Wiring Notes:

Subwoofer outputs

The Subwoofer preamp audio outputs (Blue jacket with Black RCA) is active in all audio modes.

Rear camera input

A rear view camera (not included) can be used with the Camera input.