DMCPA7MW

QUICK START GUIDE

Media Receiver with Android Auto™ and Apple CarPlay®
featuring a 7˝ digital TFT Display

Works with Android Auto   Works with Apple CarPlay

iDatalink maestro

This Quick Start Guide covers the basics to
start using your DMCPA7MW. Please visit
www.dualav.com

to download a complete owner's manual or call customer
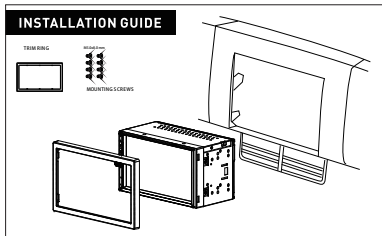service at 1-866-382-5476 (Monday-Friday, 9AM-5PM EST).

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

Wiring Diagram - Inputs/Outputs

Note: Works for Apple CarPlay
and Android Auto only.

Front Left Preamp Output
Front Right Preamp Output
Left Audio Input
External MIC Input
Front Camera Input
Rear Camera Input
USB/ Charging
Apple CarPlay/
Android Auto
Maestro / Metra Axxess

Radio Antenna

Video Input
Right Audio Input
SUB-OUT2
Rear Right Preamp Output
SUB-OUT1
Rear Left Preamp Output

15A
15AMP ATC REPLACEMENT FUSE

Note:
When replacing a fuse, make sure to use the correct type and amperage. Using an incorrect fuse could
cause damage. The unit uses (1) 15 amp ATC mini style fuse located on the power connector.

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

TRIM RING   MOUNTING SCREWS

Control Locations

The radio display features
the following functions and
displays:

1. Power
2. Mute
3. Volume Up/Down
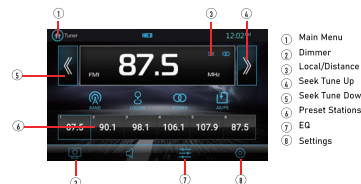   Push Voice Activation
4. Reset

Main Menu

In main menu, press the desired icon to enter the corresponding mode: AM/FM/Bluetooth Phone/
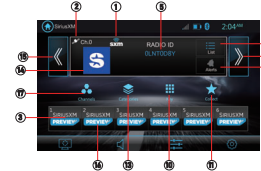Bluetooth Audio/Apple CarPlay/Android Auto/USB/ Camera/EQ /AV In/Settings/Car Info

Tuner Operation

1. Main Menu
2. Dimmer
3. Local/Distance
4. Seek Tune Up
5. Seek Tune Down
6. Preset Stations AM/FM
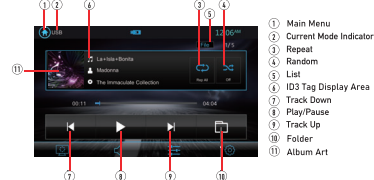7. EQ
8. Settings

SiriusXM® Satellite Radio Operation

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

1. Band Selector
2. Satellite Strength
3. BAND Presets 1~6
4. Channel Info
5. File Information
6. Additional Options
7. Favorites Alert
8. Equalizer
9. Favorites
10. Next
11. Direct Channel Entry
12. Channel / Album Artwork
13. Previous
14. Category
15. Channel

USB Operation

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

1. Main Menu
2. Current Mode Indicator
3. Repeat
4. Random
5. List
6. ID3 Tag Display Area
7. Track Down
8. Play/Pause
9. Track Up
10. Folder
11. Album Art

Audio Operation

Select from the below 3 icons in the Settings menu to select between Balance, Fader and Time Alignment
Settings, EQ Presets and 10-Band EQ Settings or Surround Settings.

Screen Operation

Press the Monitor icon in the Settings menu to access the Brightness, Contrast,
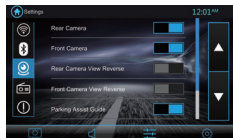Button Illumination Colors and Wallpaper Settings.

General Operation

Press the Function icon in the Settings menu to access the Time Zone,
Date and Time and other radio Settings.

Adjusting Front and Rear Camera Screen Image

if your front or rear cameras appear to have a reversed image on the radio's display, go into the
Camera section in the Settings menu to reverse the image of the camera. To do this, toggle the "Rear
Camera View Reverse" or "Front Camera View Reverse" function to correct the viewing angle of the
camera(s)

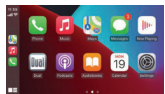## Wired & Wireless Apple CarPlay Operation

Wired connection
1. Connect an Apple CarPlay compatible device to this unit via USB.
2. Press the Apple CarPlay icon.
   The Apple CarPlay home screen appears.

Wireless connection
Before using Apple CarPlay wirelessly, turn on the Bluetooth/Wifi
function on the Phone.
1. Press 🟢 icon on the main menu;
2. Press "✔" to confirm to use wireless Apple CarPlay;
3. Press "🔍" icon to search phone device. The available devices appear on the list;
4. Find the desired device on the screen and press "Pair";
5. A pass key will be displayed on the screen;
6. The same key appears on the iPhone, press "Pair" and then press "Allow" for the popups;
7. Press "✔" on the screen to confirm to connect;
8. Press "Use CarPlay" on the iPhone. The unit configures the connection then starts the application.

Wired & Wireless Android Auto™ Operation
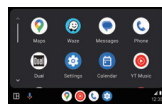
Wired connection
1. Connect an Android Auto™ compatible device to this unit via USB.
2. Press the Android Auto icon.
   The Android Auto home screen appears.

Wireless connection
Before using Android Auto wirelessly, turn on the Bluetooth/Wifi
function on the Android device.
1. Press 🟢 icon on the main menu;
2. Press "✔" to confirm to use wireless Android Auto;
3. Press "🔍"icon to search phone device. The available devices appear on the list;
4. Find the desired device on the screen and press "Pair";
5. A pass key will be displayed on the screen;
6. The same key appears on the Android device, press "Pair" and then press "Allow" for the popups;
7. Press "✔" on the screen to confirm to connect;
The unit configures the connection then starts the application.

Bluetooth Operation

Before using Bluetooth
Before you can use a Bluetooth device to make hands-free calls or stream audio, it must be authenti-
cated. 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 "DMCPA7MW ". The unit can be in any mode of operation when pairing is per
formed. 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 con-
nected.

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 andio 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.

iDatalink Maestro / Metra Axxess

This Dual receiver connects with a compatible iDatalink Maestro programmable interface (optional,
purchased separately®), allowing the unit to display OEM features and functions such as Vehicle Info,
Parking Assistance, and Climate Control, as well as retaining other capabilities which could include
steering wheel controls and voice commands. The functions that are displayed are dependent on what is
available on your specific vehicle.

*Website link: https://www.idatalinkmaestro.com/en
*Metra Axxess site: https://www.axxessinterfaces.com

Gauges screen

Vehicle Information screen

Climate Control screen

Parking Assist screen

Press the OEM Setting to access the Maestro function.

Limited One Year* Warranty

This warranty gives you specific legal rights. You may also have other rights which vary from state to
state.
Dual Electronics Corp. Inc 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. Inc 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.
What is covered? This warranty covers all defects in the 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, unautho-
rized 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.

Warranty Coverage
* Limited 1-year warranty. (Proof of purchase required)
Extend your warranty from 1 year to 2 years when you register online at 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 (866) 382-5476
(Monday-Friday, 9:00 am, to 5:00 pm, 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 representa-
tive 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.
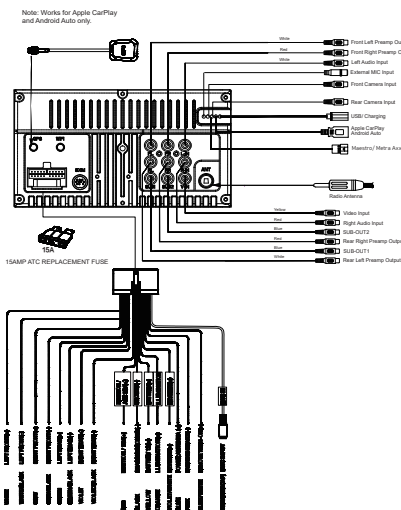
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance
could void the user's authority to operate the equipment.

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.