

## RECEIVER MODULE PROGRAMMING

Note: The transmitter and receiver included with the MMR-11W system are already paired.

- Up to ten (10) MMR-11W units can be paired to a single receiver module.

### To Pair A New Transmitter (Required for MMR-11W Remote)

1. Disconnect +12V power from your MediaMaster® by removing the 3 and 5 pins from its rear header, unplugging its 4-pin power plug, or switching off its +12V supply circuit.
2. Reconnect +12V power to your MediaMaster®, then immediately press and hold both **#** and **H** buttons on the transmitter.
3. Continue holding both **H** and **H** buttons for 5 seconds, then release both buttons.
  - \* If successful, the status LED will flash rapidly when any button press.
  - \* If unsuccessful, the status LED will remain solid when any button press.
4. Repeat steps 1 to 3 to pair additional transmitters (up to ten total).

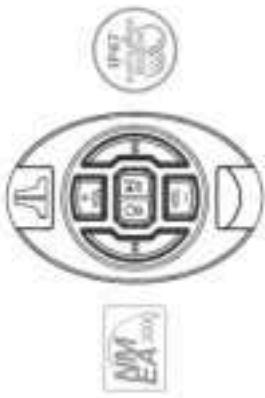
Note: This procedure must be completed within 15 seconds after reconnection +12V power (step 2).

## GENERAL CONTROL FUNCTIONS\*

<b>C</b>	- Long press to turn the unit on/off - Short press to enhance through available modes
<b>¶</b>	- Short press to mute/unmute or pause/unpause audio
<b>+ VOL</b>	- Short press to increase volume - Long press to increase volume rapidly
<b>- VOL</b>	- Short press to decrease volume - Long press to decrease volume rapidly
<b>¶</b>	- Short press to select the next track or stored favorite - Long press to favorite radio - Short press to switch between the previous track as stored favorite - Long press to favorite radio
<b>¶</b>	* Note: Some functions may change from the menu and selected source.

## IMPORTANT

- \* Installation (mounting, connecting and setting up equipment) is recommended.
- \* This product is a water-resistant. Do not submerge or subject the battery system from the audio system.
- \* Below installation, turn off the audio system and disconnect the battery system from the audio system.
- \* Do not mount this product in an engine compartment or other area of extreme heat.
- \* Mount this product securely to prevent damage or injury in severe vibrations.



**MMR-11W / MMR-11W-N2K**  
Wireless, NMEA 2000® Controller for MediaMaster®

## FCC COMPLIANCE STATEMENT

This device contains parts of the FCC Radio Frequency equipment. It is the responsibility of the user to make sure that all parts of the equipment are properly grounded to prevent interference to other electronic equipment. These parts are not legal to provide protection against interference to other electronic equipment, users and can reduce their frequency response and, if not installed in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular situations. If this equipment does cause harmful interference to other electronic equipment, the user is encouraged to try to correct the interference by one or more of the following measures:

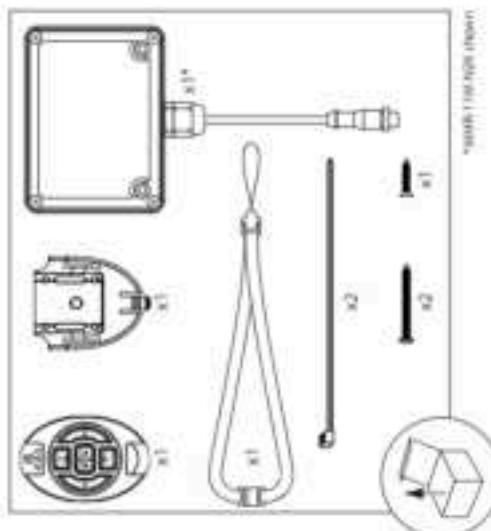
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

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

## LED SIGNAL CONFIRMATION

The MMR-11W transmitter is equipped with a green LED mounted between the **O** and **H** buttons. When any button is pressed, the LED will flash to report the status of command's status.

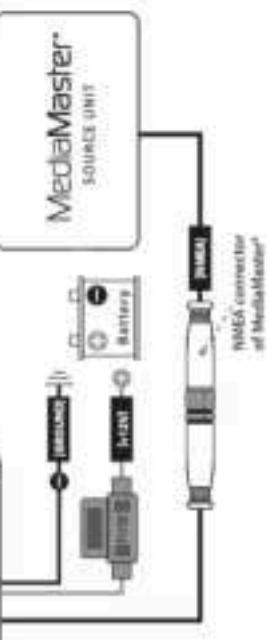
LED Behavior	Status
Rapid Flicking	Signal sent and received successfully
One Short Flash	Signal sent, but not received successfully Transmitter status can be measured using two factory level or manufacturer level test mode (not user selectable).



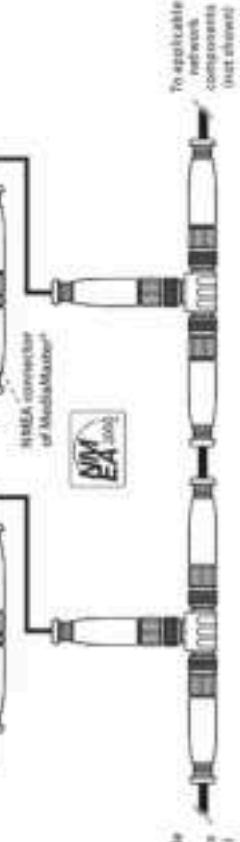
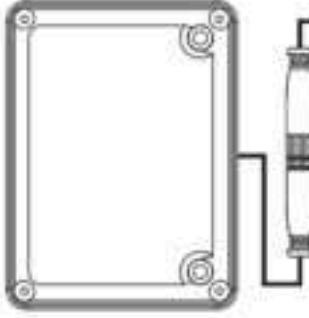
\*NMEA 2000 network interface

0000000000000000

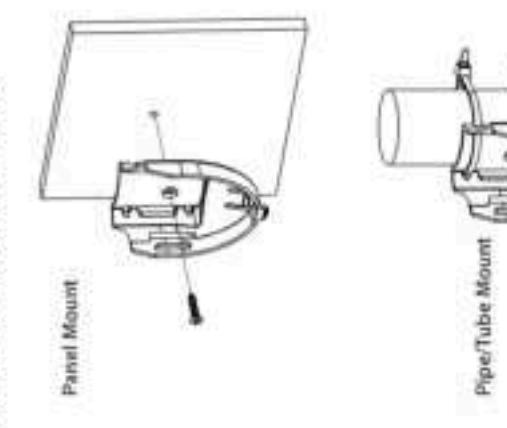
## NMR-1IW CONNECTION



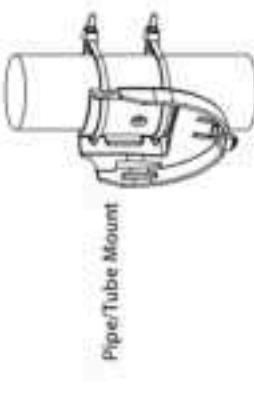
## NMR-1IW-N2K CONNECTION



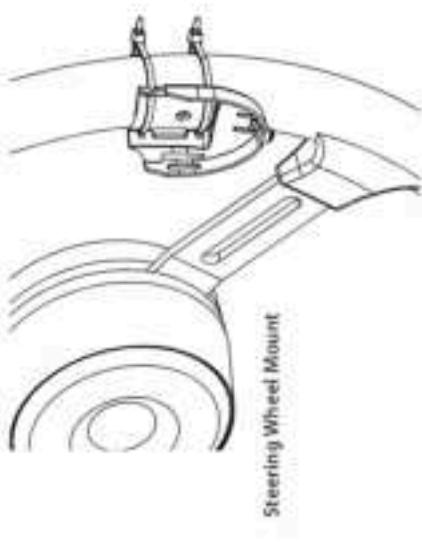
## REMOTE BASE MOUNTING OPTIONS



Panel Mount



Pipe/Tube Mount



Steering Wheel Mount

## Specifications

Operating Frequency	2.4 GHz
Operating Range <sup>a</sup>	Up to 150 ft (45 m)
Operating Temperature	-4 °F to +167 °F (-20 °C to +75 °C)
Fuse Value	2 A (MMR-1IW only)
NMEA 2000 L/N	J
IP Rating (Transmitter)	IP67
IP Rating (Receiver)	IP66
Transmitter Battery Type	C82013
Dimensions (Transmitter)	2.99 in x 2.1 in x 1.07 in 76 mm x 53.5 mm x 27.2 mm
Dimensions (Receiver)	4.03 in x 3.01 in x 1.42 in 102.1 mm x 76.5 mm x 36.1 mm
<sup>a</sup> Maximum operating range will vary based on specific antenna location.	

2-Year Limited Warranty (U.S.A.)  
Visit [www.jlaudio.com/for\\_warranty\\_detail](http://www.jlaudio.com/for_warranty_detail).

For Service Information in the U.S.A. please contact:  
JL Audio Customer Service: 559-443-1100 (9AM-5PM EST)  
JL Audio Technical Support: [www.jlaudio.com/support](http://www.jlaudio.com/support)

International Warranty:  
Products purchased outside the United States of America are covered  
only by that country's distributor held by JL Audio, Inc.