Volume Adjustments

The MMR-5N2K is designed to detect and control the volume functionality of the host source unit, with the following commands.

Command	Function	Note
Rotate Volume Knob Clockwise	Increase Source Unit Volume	• Level control mode of each audio zone must be set to **Relative** or **Variable**. • All zones will adjust simultaneously.
Rotate Volume Knob Counter-Clockwise	Decrease Source Unit Volume	
Press Volume Knob Once	Mute/ Unmute Audio	When muted, the status LED ring will pulse slowly.

LED Status Reporting

A white LED ring located behind the volume knob displays status and mode of the MMR-5N2K. Refer to the table below for the meaning of each behavior.

LED Ring Behavior	Status/Mode
ON	On; Compatible audio source detected.
Two Flashes, Pause, Repeat (30 seconds after booting)	On; No compatible audio source detected.
Slow Pulsing	Source unit volume is muted.

Adjusting LED Ring Brightness

Follow these steps to adjust and set the intensity of the LED ring:

1. To enter program mode, press and hold the Volume Knob of the MMR-5N2K for 3 seconds, until the LED ring flashes 3 times.
2. Rotate the Volume Knob to adjust the LED ring's brightness to the desired intensity.

Command	Function
Rotate Volume Knob Clockwise	Increase LED Ring Brightness
Rotate Volume Knob Counter-Clockwise	Decrease LED Ring Brightness

3. To save the LED setting and exit program mode, press the Volume Knob once (LED ring will flash 3 times). Program mode will also exit automatically after 15 seconds of inactivity.

2-Year Limited Warranty (U.S.A.)
Visit www.jlaudio.com for warranty details.

For Service Information in the U.S.A.
please call JL Audio customer service:
(954) 443-1100 during normal business hours (Eastern Time)
JL Audio, Inc • 10369 N Commerce Parkway, Miramar, FL 33025

International Warranties:
Products purchased outside the United States of America are covered only by that country's distributor and not by JL Audio, Inc.

MMR-5N2K_MAN_040120 • Printed in Taiwan

IPX7 WATER RESISTANT



MMR-5N2K

MediaMaster® NMEA 2000®
Volume Controller

Product Description

The MMR-5N2K is a wired remote designed to add auxiliary volume control to compatible MediaMaster® source units*. Featuring certified NMEA 2000® connectivity and a water-resistant (IPX7 rated) design, the MMR-5N2K connects directly to vessel networks using applicable NMEA 2000® cables and connectors (sold separately).

*Refer to www.jlaudio.com for compatibility info.

Note:
- The MMR-5N2K should only be used with a single MediaMaster® source unit, connected via a NMEA 2000® network or MMC-PN2K powered network cables (sold separately).
- Functionality of the MMR-5N2K is solely derived from the host MediaMaster® source unit.

What's Included

(1) MMR-5N2K Main body
(1) Volume knob
(1) Trim ring
(1) Flat gasket (preinstalled)
(2) Mounting screws
(1) User Manual

Safety Considerations

- Do not mount in areas of extreme heat.
- Ensure this product is securely installed so that it does not come loose in the event of a collision/sudden jolt or from repeated vibrations during normal operation.
- Do not run system wiring outside or underneath the vehicle/vessel. This is an extremely dangerous practice, which can result in severe damage/injury.
- Check before drilling to make sure that you will not be drilling into a fuel tank, gas/brake line, wiring harness, or other vital system.
- Secure all wiring as needed, using cable ties or wire clamps to protect them from moving parts and sharp edges.

! IMPORTANT

Make sure to carefully plan the routing of the remote's connection cables prior to cutting or drilling any panels.

IPX7 Water Resistance Rating
This product has been tested to withstand immersion in water, up to 1 meter (3.28 ft.) deep, for up to 30 minutes (when properly installed). Note: While designed to be water resistant, this product should never be submerged under water for prolonged periods or subjected to activity that creates pressure on it that exceeds its depth rating.

Mounting & Installation

The MMR-5N2K is designed for front-mounting in flat panels, requiring just a single, 1.5-inch (38 mm) hole for installation. Desired mounting locations should have at least 2.35-inches (60 mm) square of flat surface area, along with adequate rear space for the controller body and access to make connections.

1. Select a suitable mounting location and cut a 1.5-inch (38 mm) hole using an appropriate tool/hole saw.
2. Place the MMR-5N2K into the opening, with the alignment arrow pointing up (12 o'clock) and mark the surface for drilling pilot holes.
3. Drill two (2) appropriately sized pilot holes in the mounting surface at the pilot hole marks.
4. Connect the cables and place the MMR-5N2K into the opening. Secure the MMR-5N2K using the two (2) supplied mounting screws.
5. With the JL AUDIO logo of the trim ring positioned at the top (12 o'clock), press the trim ring onto the front of the MMR-5N2K.
6. Align the keyed opening of the volume knob with the shaft of the MMR-5N2K and press on firmly.

