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BOSS Audio Systems MGV520B

BOSS Audio Systems MGV520B Marine Gauge Receiver Instruction Manual

Weatherproof, 3 Inch LCD, Built-in Amplifier, Bluetooth, Digital Media MP3 Player, USB Port, AM/FM Radio

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your BOSS Audio Systems MGV520B Marine Gauge Receiver. Designed for marine environments, this unit offers robust performance and versatile media options. Please read this manual thoroughly before use to ensure proper functionality and safety.

PRODUCT OVERVIEW

The MGV520B is a weatherproof marine gauge receiver featuring a 3-inch LCD display, built-in amplifier, Bluetooth audio streaming, digital media MP3 player capabilities, USB port, and AM/FM radio. It is designed to withstand harsh marine conditions with UV coating and conformal coated PC boards, boasting an IPX6 rating for splash water protection.



Front view of the BOSS Audio Systems MGV520B Marine Gauge Receiver, showing the 3-inch LCD display and control buttons.

SETUP AND INSTALLATION

Professional installation of this product is strongly encouraged to ensure proper and safe functionality. The unit is designed for easy integration into standard gauge openings.

Dimensions

Ensure adequate space for installation. The product dimensions are 4.25" x 7.75" x 5.60".



Diagram illustrating the height, width, and depth dimensions of the MGV520B receiver for installation planning.

Included Components

The package includes the MGV520B receiver and a power harness. Additional accessories like cameras or relays for the accessory button are sold separately.

INCLUDED IN THE BOX



Image showing the MGVS20B receiver along with its power harness, USB cable, and mounting bracket.

OPERATING INSTRUCTIONS

Power On/Off

Press the power button to turn the unit on or off.

Source Selection

Cycle through available media sources: Bluetooth, USB, AM/FM radio, and Auxiliary input.

Audio Control

Adjust volume, skip tracks, and access preset EQ settings via the front panel controls.

Accessory Button

The dedicated accessory button allows you to turn on/off external accessories such as lightbars or LED whips. A relay (not included) is required for this functionality.



ACCESSORY BUTTON: Turn On and Off Accesories Such As Lightbars, LED Whips and More!*

***Relay Not Included**

Detailed view of the accessory button, indicated by a star icon, used to control external devices.

MEDIA INTEGRATION

Bluetooth Connectivity

Wirelessly play and control music from your smartphone or MP3 player, including apps like Spotify and Pandora.

USB Playback & Charging

The USB port supports audio/video files (up to 32GB max) and provides charging for compatible devices.

AM/FM Radio

Tune into AM/FM radio stations for news, music, and sports. The unit does not include a CD mechanism.

Camera Inputs

The receiver supports video input, allowing you to switch between rear and front cameras (camera sold separately).



The 3-inch full-color screen of the MGVS20B showing a backup camera view, highlighting its camera-ready feature.

MAINTENANCE

The MGVS20B is designed with weatherproofing features such as front panel UV coating and conformal coated PC boards, achieving an IPX6 rating. To maintain its performance and longevity, regularly clean the unit with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners. Ensure all connections are secure and free from corrosion, especially after exposure to water or salt fog.



The MGVS20B receiver shown with water and dirt splashes, demonstrating its weatherproof design for marine and off-road environments.



The MG520B receiver seamlessly integrated into a boat's dashboard, highlighting its IPX6 weatherproof rating suitable for marine use.

SPECIFICATIONS

- **Product Dimensions:** 4.25 x 7.75 x 5.6 inches
- **Item Weight:** 0.01 ounces
- **Model Number:** MG520B
- **Wireless Communication:** AM/FM, Bluetooth
- **Connectivity Technologies:** Auxiliary, Bluetooth, USB
- **Special Features:** 3 Inch LCD, AM/FM Radio, Built-In Bluetooth, Built-in Amplifier (60 watts x 4 channels), No CD Player, USB Port, Weatherproof (IPX6 rated), Backup Camera Ready, Accessory Button
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 4
- **Color:** Black

WARRANTY AND SUPPORT

BOSS Audio Systems provides a powerful 3-year platinum online dealer warranty, valid as long as the purchase is made through Amazon.com. For any questions or support, please refer to the official BOSS Audio Systems website or contact their customer service.

3 Year Platinum Online Dealer Warranty*

We provide a powerful 3 Year Platinum Online Dealer Warranty so long as the purchase is made through Amazon.com. We strongly encourage professional installation of this product to ensure proper and safe functionality.

* Register online after purchase









- 3 Inch Screen Marine Headunit
- 60 Watts x 4 Channels
- IPX6 Rated Weatherproof
- Backup Camera Ready
- Accessory Button

Image detailing the 3-Year Platinum Online Dealer Warranty provided by BOSS Audio Systems for the MGVS20B receiver.

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Related Documents - MGVS20B

	<p>BOSS Audio Systems MGV520B Marine Gauge Digital Media Receiver User Manual</p> <p>Comprehensive user manual for the BOSS Audio Systems MGV520B marine gauge digital media AM/FM receiver. Learn about installation, operation, Bluetooth, USB playback, camera input, audio settings, and troubleshooting.</p>
	<p>BOSS MR400UAB Marine Bluetooth AM/FM Receiver User Manual</p> <p>Comprehensive user manual for the BOSS MR400UAB Fully Marinized Bluetooth MP3-Compatible Digital Media AM/FM Receiver. Covers installation, operation, Bluetooth connectivity, troubleshooting, and detailed specifications for marine environments.</p>
	<p>BOSS Audio MGR150B Marine Digital Media Player: User Manual & Quick Installation Guide</p> <p>Comprehensive user manual and quick installation guide for the BOSS Audio MGR150B marine gauge digital media player. Learn about features, installation, wiring, and operation, including Bluetooth connectivity.</p>
	<p>BOSS MR3.6V User Manual: Marine In-Dash Multimedia Receiver</p> <p>Comprehensive user manual for the BOSS MR3.6V marine in-dash DVD/MP3/CD receiver with a 3.6-inch widescreen TFT monitor. Covers installation, operation, features, and troubleshooting for marine audio systems.</p>
	<p>BOSS MR1307UA User Manual: Fully Marinized MP3-Compatible Digital Media AM/FM Receiver</p> <p>Comprehensive user manual for the BOSS MR1307UA, a fully marinized MP3-compatible digital media AM/FM receiver. Includes installation, operation, and specifications for optimal use.</p>
	<p>BOSS 611UAB Bluetooth Digital Media Receiver User Manual</p> <p>User manual for the BOSS 611UAB Bluetooth MP3-compatible digital media AM/FM receiver, covering installation, operation, Bluetooth features, troubleshooting, and specifications.</p>