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› GUZARE GR304 Marine Stereo Receiver User Manual

GUZARE AUGR304

GUZARE GR304 Marine Stereo Receiver User Manual

Model: AUGR304 | Brand: GUZARE

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your GUZARE GR304 Marine Stereo Receiver. Designed for marine environments, this waterproof gauge-style radio tuner offers Bluetooth streaming, USB playback, and AM/FM radio capabilities. Please read this manual thoroughly before use to ensure proper functionality and longevity of your device.



Figure 1.1: Front view of the GUZARE GR304 Marine Stereo Receiver, showing the display and control buttons.

2. KEY FEATURES

- **Marine Grade IP66 Water Resistance:** Well-sealed design to prevent fogging and moisture intrusion, ensuring durability in harsh marine conditions.
- **High Power Output:** Delivers 45 Watts x 4 Max Power, providing robust audio performance.
- **Audio Customization:** Features Balance, Fader, Bass, Treble controls, and a built-in Preset EQ for optimized sound.
- **Versatile Media Playback:** Supports Bluetooth audio streaming, USB playback for MP3/WMA files, and AM/FM radio tuning. *Note: This unit does not include a CD player.*
- **Multiple Input/Output Options:** Includes USB input for audio playback or charging, RCA outputs for external amplification, and AM/FM radio input.

- **Compact Design:** Gauge-style receiver with a diameter of 3.5 inches and a mounting depth of 1.6 inches, fitting standard 3.1-inch cutout holes.

Marine Bluetooth Stereo Receiver

Great for Boats, Yacht, Gauge, Fishing Boats, Pontoon, Motorcycles, Motorbikes, Cars, ATV, UTV, SUV, RV, Golf, SPA Rooms, Swimming Pools, Campers, Cubby Cabins, RZR, Harvesters, Excavators, Jet Skis, Hot tub, Truck.



Figure 2.1: Illustration of the IP66 water resistance, demonstrating the unit's ability to withstand water exposure.

3. SETUP AND INSTALLATION

3.1 Package Contents

Before beginning installation, ensure all components are present:

- GUZARE GR304 Marine Stereo Receiver
- Antenna
- Mounting Bracket
- Wiring Harnesses



Figure 3.1: Overview of the receiver's wiring connections and included accessories.

3.2 Mounting Considerations

The GR304 is designed to fit into a standard gauge (tachometer) opening.

- **Mounting Hole Cutout:** 3.1 inches (78.5 mm)
- **Mounting Depth:** 1.6 inches (41 mm)
- **Overall Diameter:** 3.5 inches (89 mm)

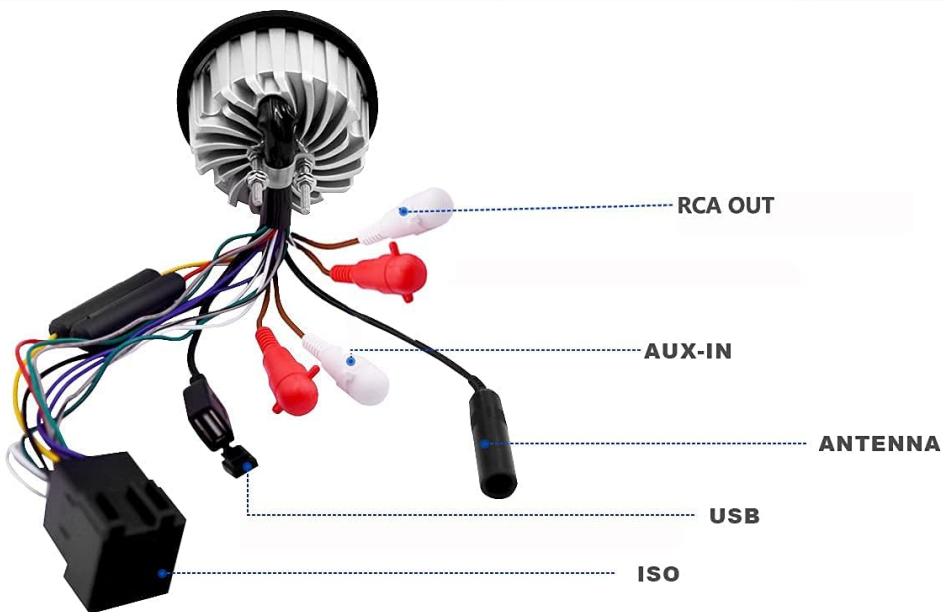
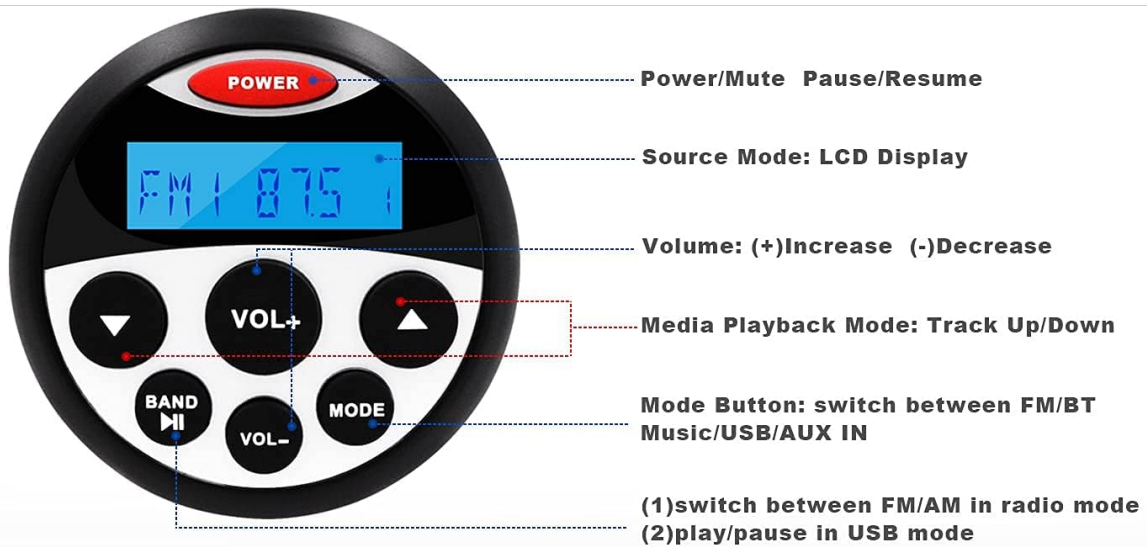


Figure 3.2: Detailed dimensions for proper installation and fit.

3.3 Wiring Instructions

Refer to the wiring diagram provided with your unit and Figure 3.1 for correct connections. Ensure all connections are secure and properly insulated to prevent short circuits and water damage.

- **Power/Ground:** Connect the main power wire (typically yellow or red) to a fused 12V DC power source and the ground wire (black) to a suitable chassis ground.
- **Speaker Outputs:** Connect the speaker wires to your marine speakers. Ensure correct polarity (+/-) for optimal sound.
- **RCA Outputs:** Use these for connecting to an external amplifier if desired.
- **AUX-IN:** For connecting external audio devices via a 3.5mm auxiliary cable.
- **USB:** For USB media playback or charging compatible devices.
- **Antenna:** Connect the included antenna for AM/FM radio reception.

Important: Always disconnect the vehicle's battery before performing any electrical work. If you are unsure about any wiring steps, consult a qualified professional.

4. OPERATING INSTRUCTIONS

4.1 Basic Controls

The GR304 features intuitive controls for easy operation. Refer to Figure 4.1 for button layout.



Figure 4.1: Control panel layout with button functions and rear connections.

- **POWER/MUTE Button:** Press to turn the unit ON/OFF. Press briefly to MUTE/UNMUTE audio.
- **VOL+/VOL- Buttons:** Adjust the volume level.
- **MODE Button:** Press to cycle through available audio sources: FM, AM, Bluetooth (BT Music), USB, AUX IN.
- **BAND/Play/Pause Button:** In radio mode, press to switch between FM/AM bands. In USB/Bluetooth mode, press to Play/Pause playback.
- **Track Up/Down Buttons (Arrows):** In radio mode, short press to seek next/previous station. Long press to manually tune. In USB/Bluetooth mode, short press to skip tracks.

4.2 Bluetooth Operation

1. Turn on the GR304 and select "BT Music" mode using the MODE button.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "GUZARE GR304" from the list to pair. Once paired, you can stream audio from your device.

4.3 USB Playback

Insert a USB drive containing MP3/WMA audio files into the USB port. The unit will automatically switch to USB mode and begin playback. Use the Track Up/Down buttons to navigate files.

4.4 AM/FM Radio

Select FM or AM mode using the MODE button. Use the Track Up/Down buttons to automatically seek stations. Long press these buttons for manual tuning.

5. MAINTENANCE

To ensure the longevity and optimal performance of your GR304 Marine Stereo Receiver, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the unit with a soft, damp cloth to remove salt, dirt, and grime. Avoid using harsh chemicals or abrasive cleaners.
- **Connections:** Periodically inspect all wiring connections for corrosion or looseness. Ensure they remain secure and waterproof.
- **Storage:** If the unit will not be used for an extended period, especially during off-season, consider covering it or storing it in a dry, protected environment.
- **Water Exposure:** While the unit is IP66 water resistant, avoid direct high-pressure water jets or prolonged submersion.

6. TROUBLESHOOTING

If you encounter issues with your GR304, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|--------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| No Power | Loose power connection, blown fuse, vehicle battery low. | Check power and ground wires. Inspect fuse. Ensure battery has sufficient charge. |
| No Sound | Volume too low, Mute activated, incorrect source selected, loose speaker wires. | Increase volume. Press MUTE button. Select correct input source. Check speaker connections. |
| Bluetooth Not Connecting | Unit not in BT mode, device too far, previous connection active, interference. | Ensure unit is in BT mode. Move device closer. Disconnect from other Bluetooth devices. Try re-pairing. |

| Problem | Possible Cause | Solution |
|-------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Poor Radio Reception | Antenna not connected, antenna damaged, weak signal area. | Check antenna connection. Ensure antenna is fully extended. Try moving to an area with better signal. |
| Unit Shuts Off Intermittently | Loose power connection, overheating, faulty wiring. | Verify all power and ground connections are secure. Ensure adequate ventilation around the unit. Consult a professional if issue persists. |

7. SPECIFICATIONS

| Feature | Specification |
|-------------------------|------------------------------------------|
| Model Number | AUGR304 |
| Brand | GUZARE |
| Power Output | 45 Watts x 4 Max Power (180 Watts Total) |
| Water Resistance Rating | IP66 |
| Connectivity Technology | Bluetooth, USB, RCA, Auxiliary |
| Tuner Technology | AM, FM |
| Display Technology | LED |
| Mounting Hole Cutout | 3.1 inches (78.5 mm) |
| Mounting Depth | 1.6 inches (41 mm) |
| Overall Diameter | 3.5 inches (89 mm) |
| Item Weight | 10.7 ounces |
| Included Components | Antenna |

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your GUZARE GR304 Marine Stereo Receiver, please contact GUZARE customer service directly. Refer to the contact information provided with your product packaging or visit the official GUZARE website.

GUZARE Direct Seller Information:

Seller Name: Guzare Direct

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