



RECOIL[®]

MCR-1

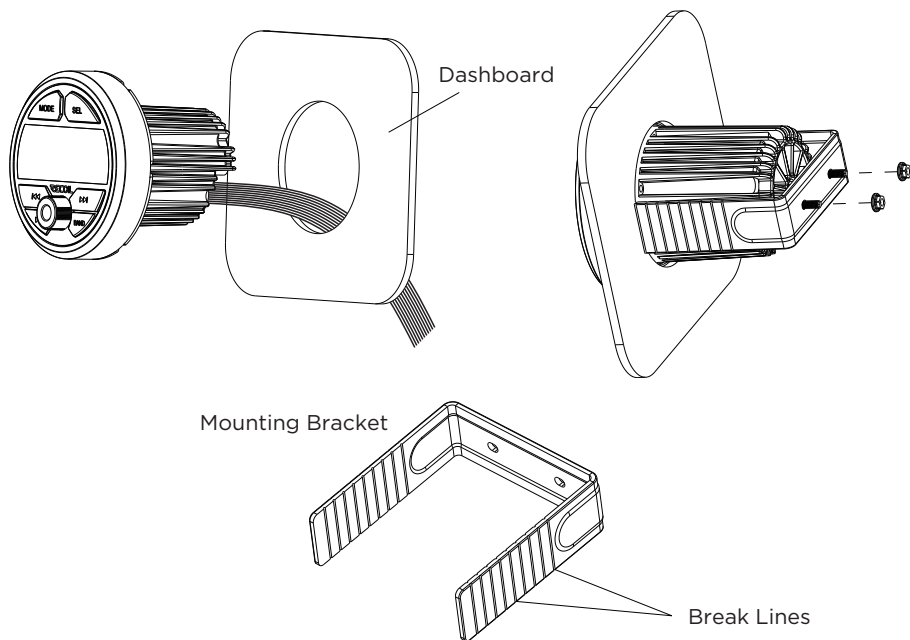
Marine Gauge Stereo Receiver

User Manual

INSTALLATION

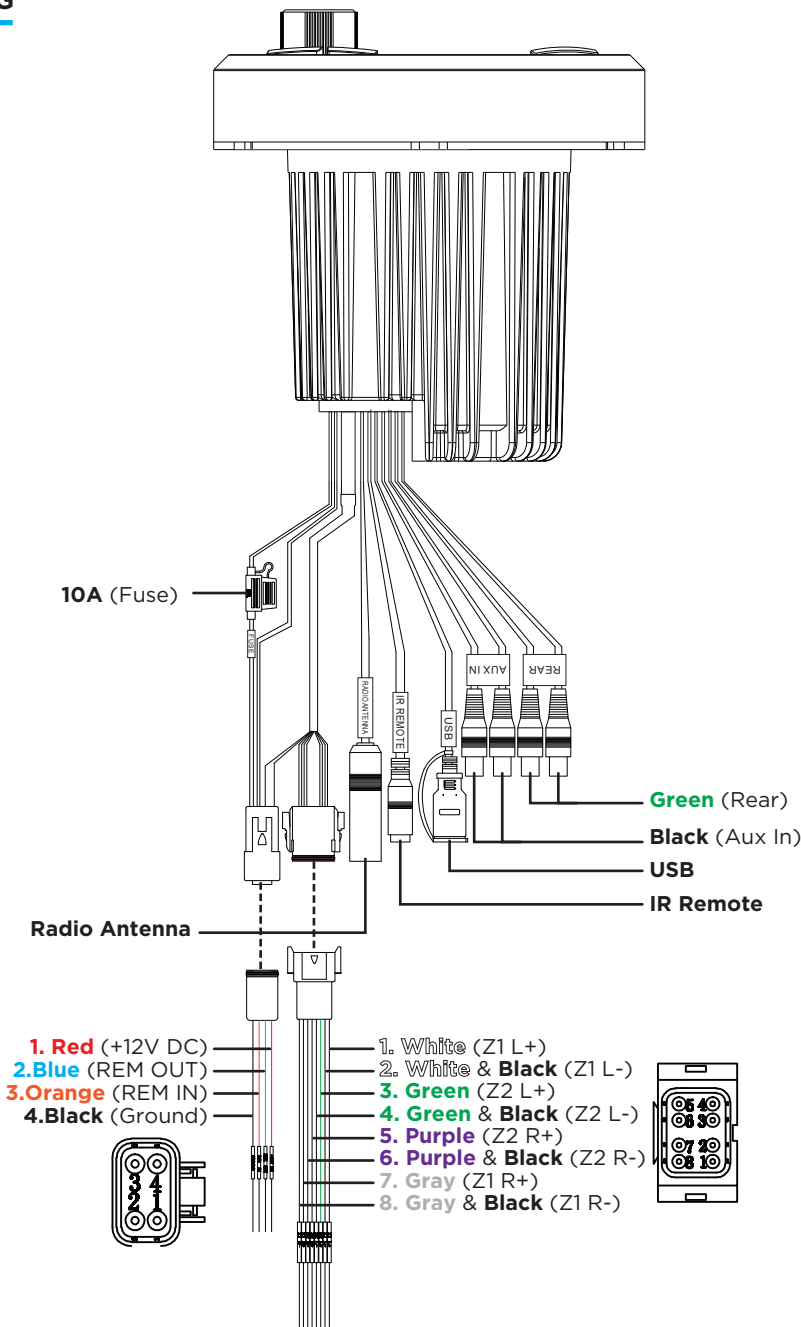
Mounting

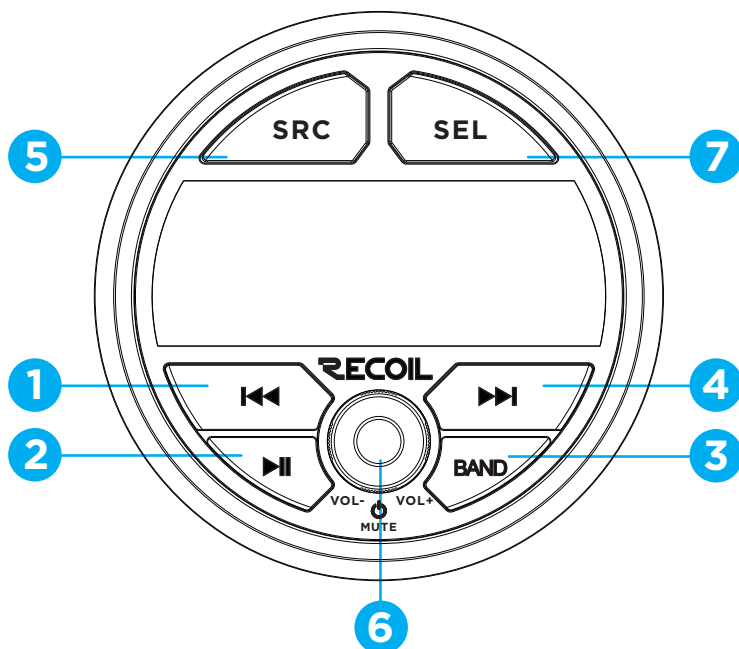
Once a suitable location has been determined, drill the hole and secure the stereo using the metal mounting bracket. If the bracket needs to be shortened, remove the appropriate number of breakaway segments using a pair of pliers.



1. This unit should be installed by a professional technician.
2. Please read the equipment's operation manual carefully before installation.
3. Connect all other wires before connecting the power.
4. To avoid a short circuit, ensure all exposed wires are insulated.
5. Secure all wires after installation.
6. Connect the wires to the unit strictly according to this manual. Incorrect connections may cause damage.
7. This unit is designed for 12V DC systems only. Please ensure your vehicle uses a negative ground electrical system.
8. Connect the wires correctly. Incorrect wiring may cause malfunction or damage to the electrical system.

WIRING



KEY FUNCTION**1** Track Down Button**2** Play/Pause Button**3** Band Button**4** Track Up Button**5** Source Button**6** Power/Mute/Volume Knob**7** Select Button

OPERATION

1. Track Down Button

- In RADIO mode: Press briefly to seek down; press and hold to scan stations.
- In USB/BT mode: Press briefly for previous song/file; press and hold for fast rewind.

2. Play/Pause Button

- In USB/BT mode: Press to pause or resume playback.

3. Band Button

- Press to cycle through FM1/FM2/FM3/AM1/AM2 bands.
- Press and hold for 3 seconds to activate Auto Store.

4. Track Up Button

- In RADIO mode: Press briefly to seek up; press and hold to scan stations.
- In USB/BT mode: Press briefly for next song/file; press and hold for fast forward.

5. Source (SRC) Button

- Press to cycle through audio input modes (e.g., Radio, USB, BT, AUX).

6. Power/Mute/Volume Knob

- Press: Powers the unit on/off. When on, a brief press mutes/unmutes.
- Rotate: Adjusts volume.

7. Select (SEL) Button & Volume Knob (Settings Menu)

- Press briefly to enter settings menu (BAS/TRE/SUB/EQ/LOUD/AUTO/BEEP).
- Rotate the Volume knob to navigate and select options.
- BEEP Setting: Toggles keypress sound on/off.
- Clock Adjustment: Press and hold the SEL button to enter clock setting mode. Rotate the Volume knob to adjust values.

8. Restart Playlist (USB Mode)

- During MP3/WMA playback, press and hold the SRC button to return to the first song in the USB playlist.

9. AUX-IN Operation

- Connect an audio device to the R/L AUX-IN connectors on the rear of the unit. Press the Mode (SRC) button to select "AUX" input mode.

10. Bluetooth Operation

- Pairing:

On your mobile device, enable Bluetooth and search for available devices. Select "MCR-1" from the list. No password is required for pairing. Once successfully paired, the BT icon will appear on the unit's display.

SPECIFICATIONS

Power Supply: 12 V DC, Negative Ground

Chassis Dimensions (W x D x H): 100 x 100 x 70 mm

Tone Controls:

- Bass (at 100 Hz): +10 dB
- Treble (at 10 kHz): +10 dB

Maximum Output Power: 4 X 40 W

Current Drain: 10 A (Max.)

Frequency: FM (EUR): 87.5 - 108 MHz
AM/MW: 522 - 1620 kHz

Intermediate Frequency: FM: 10.7 MHz
AM: 450 kHz

Sensitivity: FM: 4 QV (for S/N = 30 dB)
AM: 36 dBQV (for S/N = 20 dB)

Stereo Separation: > 25 dB (FM)

TROUBLE SHOOTING

Before proceeding with the checklist, verify all wiring connections. If any problems persist after following the checklist, please contact: support@recoilaudio.com

Symptom	Cause	Solution
No power	The ignition switch is off.	If the unit is connected to an accessory circuit, turn the ignition key to the"ACC"position.
	The fuse is blown.	Replace the fuse.
No sound	The volume is set to minimum.	Adjust the volume to the desired level.
	The wiring is not properly connected.	Check all wiring connections.
The controls do not work	The built-in microcomputer malfunctioned due to electrical noise.	Press the Reset button.
The radio does not work	The antenna cable is not connected.	Firmly insert the antenna cable.
Auto station search fails	The radio signals are too weak.	Manually select a station.

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.

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

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.

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This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.



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