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› DOVOX Waterproof Bluetooth Radio for Golf Cart: MS-21RVB Instruction Manual

DOVOX MS-21RVB

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Model: MS-21RVB

1. PRODUCT OVERVIEW

The DOVOX MS-21RVB is a waterproof Bluetooth radio designed for use in golf carts, ATVs, UTVs, yachts, and other off-road vehicles. It features an IPX5 water resistance rating and UV protection, ensuring durability in outdoor environments. The unit includes Bluetooth audio streaming, AM/FM radio, USB, and AUX inputs, a 2.8-inch LCD display, multicolor buttons, and 200W peak power output with RCA connections for external amplifiers and subwoofers.

WATERPROOF RADIO FOR GOLF CART



Image: The DOVOX MS-21RVB radio installed in a golf cart dashboard, highlighting its waterproof design and IPX5 rating.

2. SETUP AND INSTALLATION

The MS-21RVB radio is designed for easy installation into a standard circular dash opening. All wiring is labeled to facilitate connection to existing vehicle wiring. Basic electrical knowledge is recommended for installation.

2.1. Mounting

The unit fits into a standard circular dash opening. Ensure adequate space behind the dashboard for wiring and connections. Secure the unit using the provided mounting kits.

STANDARD GAUGE STYLE STEREO



Image: Diagram illustrating the dimensions and various wiring connections of the DOVOX MS-21RVB radio.

2.2. Wiring Connections

Connect the labeled wires to the corresponding power, ground, speaker, and accessory connections in your vehicle. Ensure all connections are secure and properly insulated to prevent short circuits.

- **Power (Red/Yellow):** Connect to a switched 12V power source and a constant 12V power source.
- **Ground (Black):** Connect to a solid chassis ground point.
- **Speaker Outputs:** Connect to your vehicle's speakers. The unit supports 4 channels.
- **Antenna:** Connect the AM/FM antenna.
- **RCA Outputs:** For connecting external amplifiers and subwoofers.
- **USB Input:** For USB media playback.
- **AUX Input:** For connecting external audio devices via a 3.5mm jack.

3. OPERATING INSTRUCTIONS

The MS-21RVB features a 2.8-inch LCD display and illuminated buttons for intuitive control.

3.1. Power On/Off

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

3.2. Source Selection

Press the MODE button to cycle through available audio sources: FM, AM, Bluetooth, USB, and AUX.

3.3. Volume Control

Rotate the scroll knob to adjust the volume level.

3.4. Bluetooth Audio Streaming

To stream audio wirelessly:

1. Select Bluetooth mode.
2. Enable Bluetooth on your smartphone or other device.
3. Search for "DOVOX MS-21RVB" (or similar) in your device's Bluetooth settings and pair.
4. Once paired, you can stream audio from your device.



Image: The radio displaying 'BT ON' with a golf cart in the background, indicating active Bluetooth audio streaming.

3.5. USB and AUX Input

Connect a USB drive to the USB port for MP3 playback or an external audio device to the 3.5mm AUX input jack.



Image: The radio displaying 'AUX IN', with icons for USB input, Aux-in, and AM FM radio.

3.6. AM/FM Radio

Select AM or FM mode. Use the seek/tune buttons to find radio stations. The unit can store up to 30 AM/FM radio stations.

3.7. Audio Settings

Access audio settings (bass, treble, balance, fader, custom preset EQ) through the menu to customize your sound experience.

Your browser does not support the video tag.

Video: An overview of the DOVOX Bluetooth Golf Cart Radio features and operation.

4. MAINTENANCE

The MS-21RVB is designed for outdoor use with an IPX5 water resistance rating and UV protection. Regular maintenance is minimal.

- **Cleaning:** Wipe the unit with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive cleaners.
- **Connections:** Periodically check all wiring connections to ensure they remain secure and free from corrosion.
- **Environmental Exposure:** While water-resistant, prolonged exposure to extreme conditions should be minimized when possible to extend product life.

5. TROUBLESHOOTING

If you encounter issues with your DOVOX MS-21RVB radio, refer to the following common troubleshooting steps:

- **No Power:** Check all power and ground connections. Ensure the vehicle's battery is charged and the ignition is on (if wired to a switched power source). Check for blown fuses.
- **No Sound:** Verify speaker connections. Check volume levels on both the radio and your connected Bluetooth device. Ensure the correct audio source is selected.
- **Bluetooth Pairing Issues:** Ensure Bluetooth is enabled on both the radio and your device. Delete previous pairings on your device and attempt to re-pair. Move your device closer to the radio.
- **Poor Radio Reception:** Check the antenna connection. Ensure the antenna is properly extended and positioned for optimal reception.
- **USB Playback Issues:** Ensure the USB drive is formatted correctly (e.g., FAT32) and contains compatible audio files (e.g., MP3).

If problems persist, contact customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	DOVOX
Model Number	MS-21RVB
Connectivity Technology	Auxiliary, Bluetooth, USB
Controller Type	Hand Control, Push Button
Compatible Devices	Amplifier, Smartphone, Speaker, Tablet
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4
Output Power	200 Watts (Peak)
Number of Channels	4
Supported Internet Services	Pandora, Spotify

Audio Output Type	RCA
Wireless Technology	Bluetooth
Item Dimensions (D x W x H)	2.75"D x 4.48"W x 4.09"H

7. WARRANTY INFORMATION

This DOVOX product is covered by a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

Please retain your proof of purchase for warranty claims.

8. SUPPORT

For further assistance, technical support, or warranty inquiries, please contact DOVOX customer service. Refer to the contact information provided with your product packaging or visit the official DOVOX website for support details.