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### velex VX163

# Velex Marine Stereo System User Manual

Model: VX163

## INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your Velex Marine Stereo System. Designed for marine environments, this gauge-style round stereo system offers Bluetooth audio streaming, AM/FM radio, USB, and auxiliary inputs. Its IPx5 water splashing protection and UV-coated plastic construction ensure durability.



Figure 1: Velex Marine Stereo System (Model VX163)

## SAFETY INFORMATION

- Ensure all wiring is correctly connected to prevent damage to the unit or vehicle.
- Disconnect the battery before installation or maintenance to avoid electrical shock.
- Do not expose the unit to extreme temperatures or direct sunlight for prolonged periods.
- This unit is IPx5 water resistant, meaning it can withstand water splashing, but it is not designed for submersion.
- Seek professional installation if you are unsure about any wiring or mounting procedures.

## SETUP AND INSTALLATION

The Velex Marine Stereo System is designed to fit into a standard gauge (tachometer) opening. Proper installation is crucial for optimal performance and longevity.

### Mounting the Unit

1. Drill a 3.15-inch (80mm) diameter hole in the desired mounting surface.
2. Insert the stereo unit into the drilled hole.
3. Secure the stereo using the provided metal mounting bracket and tighten the screws to prevent vibration.



Figure 2: Product Dimensions for Installation (3.15" diameter)

## Wiring Connections

Refer to the wiring diagram below for proper electrical connections. Ensure all connections are secure and insulated.

Your browser does not support the video tag.

Video 1: Installation and Wiring Guide for Vexel Marine Stereo. This video demonstrates the physical installation process, including drilling the mounting hole and securing the unit, as well as the wiring connections for power, ground, and speakers.

### Key Wiring Points:

- Connect the yellow cable to a switched power source (e.g., ignition switch or fuse box).
- Connect the black cable to a reliable ground point.

- Connect speaker wires (White for Front Left, Gray for Front Right, Green for Rear Left (optional), Purple for Rear Right (optional)) to their respective speakers.
- Ensure all connections are tight to prevent vibration-induced issues.

## OPERATING INSTRUCTIONS

Familiarize yourself with the controls for optimal use of your marine stereo.



Figure 3: Front Panel Controls and Rear Connections

- **Power Button:** Press to turn the unit on or off.
- **SRC (Source) Button:** Press to cycle through input sources (FM, AM, Bluetooth, USB, AUX).
- **BAND Button:** In radio mode, press to switch between FM1, FM2, FM3, AM1, AM2 bands.
- **PRES (Preset) Button:** In radio mode, press to recall preset stations. Hold to save the current station to a preset.
- **Volume Knob:** Rotate to adjust volume. Press to confirm selections in menu mode.
- **Tune Up/Next Track Buttons:** In radio mode, press to tune up. In media playback, press for next track.

- **Tune Down/Previous Track Buttons:** In radio mode, press to tune down. In media playback, press for previous track.
- **Play/Pause Button:** In media playback, press to play or pause.

## Bluetooth Pairing

To stream audio wirelessly from your smartphone or tablet:

1. Select Bluetooth as the source using the SRC button.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "VX163" from the list to pair. Once paired, the unit will display "BT AUDIO".



Figure 4: Bluetooth Connectivity and IPX6 Rating

## Display Brightness Adjustment

The display brightness can be adjusted for optimal visibility in various lighting conditions, from dim at night to bright during the daytime.

## EASY TO READ AT DAY

Our

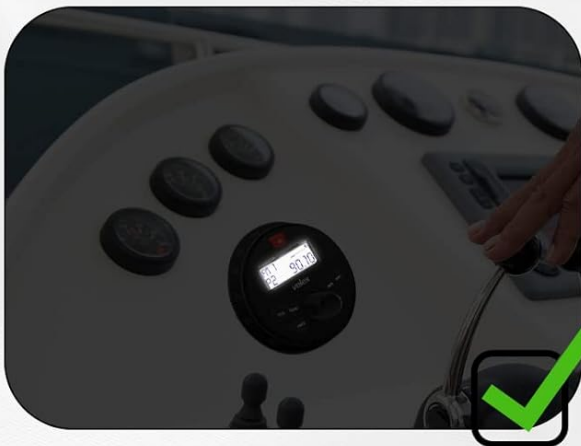


Other's



## SOFT LIGHTING AT NIGHT

Our



Other's

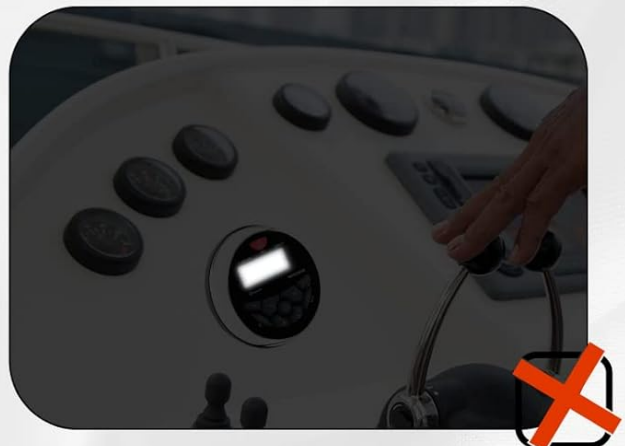


Figure 5: Display Readability in Day and Night

## MAINTENANCE

To ensure the longevity and performance of your Vexel Marine Stereo System:

- Regularly clean the unit's exterior with a soft, damp cloth. Avoid abrasive cleaners.
- Ensure all connections remain secure and free from corrosion.
- The unit features IPx5 water splashing protection and UV coating for enhanced durability in marine environments.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Loose power connection, blown fuse, dead battery.	Check power and ground connections. Inspect and replace fuse if necessary. Verify battery charge.

Problem	Possible Cause	Solution
No sound from speakers	Incorrect speaker wiring, volume too low, incorrect source selected.	Verify speaker connections. Increase volume. Ensure correct audio source is selected.
Bluetooth not connecting	Unit not in pairing mode, device too far, interference.	Ensure unit is in Bluetooth source mode. Move device closer. Restart both devices.
Radio reception is poor	Antenna not connected or damaged, weak signal area.	Check antenna connection. Try moving to an area with better signal.

## SPECIFICATIONS

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**Model Number:** VX163

**Output Power:** Peak 40W x 4 channels (160 Watts total)

**Connectivity:** Bluetooth, USB 2.0, Aux input, RCA output

**Tuner:** AM/FM Radio

**Water Resistance:** IPx5 (water splashing protection)

**Dimensions:** Fits standard gauge (tachometer) opening (approx. 3.15" diameter)

**Item Weight:** 1.74 pounds

**Special Features:** Display brightness adjustable, UV coating

## WARRANTY

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This Vexel Marine Stereo System comes with a **1-Year Quality Promise**. For warranty claims or service, please contact the seller or manufacturer directly.

## SUPPORT

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For further assistance, technical support, or professional installation recommendations, please refer to the contact information provided by your retailer or visit the official Vexel website. Professional installation is strongly recommended to ensure proper function and longevity of the radio.

*Note:* The manufacturer continuously strives to improve product quality and performance. Specifications and features are subject to change without prior notice.