velex

VX163/VX163D Instruction Manual

Quick Start Guide

For Gauge Hole Receivers

Not all features listed in this QSG
are available on all models.

THIS PACKAGE CONTAINS

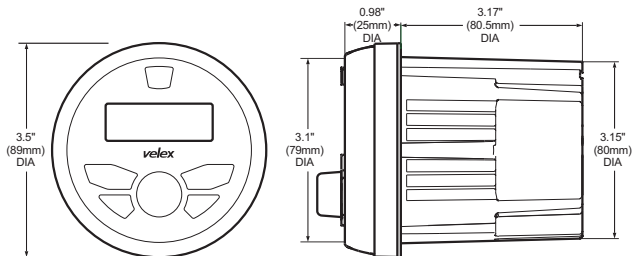|		
Marine Media Player with Bluetooth	x	1
U mounting bracket (Pre-installed)	x	1
Screw Posts (Pre-installed)	x	2
Hex Nuts (Pre-installed)	x	2
User Manual	x	1

Mounting &Wiring

Please read entire manual before installation.

Before You Start
Disconnect negative battery terminal. Consult a qualified technician for instruction.
Avoid installing the unit where it would be subject to high temperatures, such as
from direct sunlight, or where it would be subject to dust, dirt or excessive vibration.
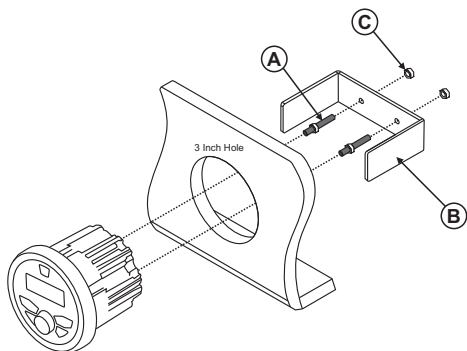

Getting Started
Once a suitable location has been decided, drill the hole and secure the stereo
using the metal mounting bracket.

Color	Connection
Red	12V Ignition / Accessory
Yellow	Battery
Black	Ground
Grey	Right Front (+)
Grey/Black	Right Front(-)
White	Left Front (+)
White/Black	Left Front (-)
Violet	Right Rear(+)
Violet/Black	Right Rear(-)
Green	Left Rear(+)
Green/Black	Left Rear(-)

Tip: When a suitable ground wire is not present in the vehicle wiring harness.
Connect the black ground wire to the vehicle chassis.
Fuse: When replacing the fuse, make sure new fuse is the correct type and
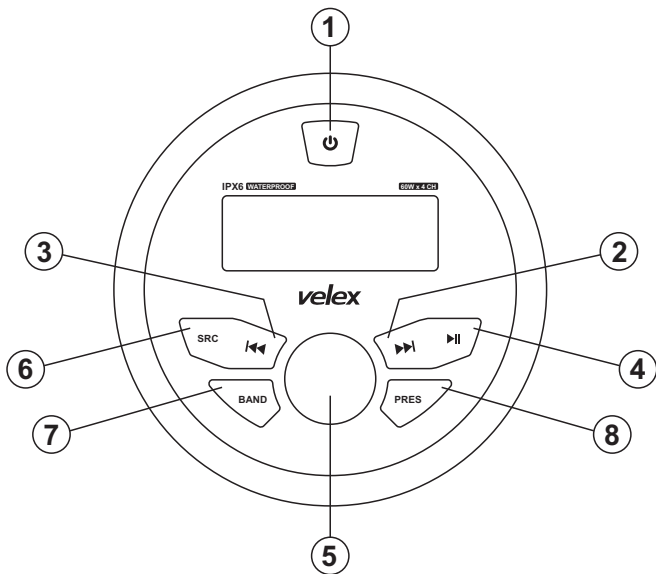amperage. Using an incorrect fuse could damage the radio.

Installation

Mounting the Radio

1. Choose a mounting location on the dash board or instrument panel that will allow room behind to run radio cables to the power source. Consider how you will use the AUX IN, LINE OUT and USB connectors and route the appropriate extension cables to an accessible area.
2. Cut a hole （Diameter: 80mm/3.15 inch）in the dash board using the template provided on page 8. At least 3.5 inch depth is needed to mount the radio.
   IMPORTANT! Do not mount this unit where it can be submerged in water.
3. Attach the included screw posts (A) to the back of the radio.
4. Place the radio in front of the dashboard opening so the wiring can be brought through the opening.
5. After completing the wiring connections(page 2), turn the radio on to confirm operation (vehicle accessory switch must be on). If the radio does not operate. Recheck all wiring until the problem is corrected. Once proper operation is achieved, turn the accessory switch off and proceed with final mounting of the radio. Refer to the wiring diagram.
   NOTE: Before final installation, test the wiring connections to make sure the unit is connected properly and the system works.
6. Insert the radio into the mounting hole.
7. Place the 'U' bracket (B) over the screw posts and secure the radio to the dash using the included hex nuts (C).

Control Locations - Receiver

①	**Power**	⑥	**Source**
②	**Tune Up/Next Track**	⑦	**Band**
③	**Tune Down/Previous Track**	⑧	**Preset**
④	**Play/Pause**		
⑤	**Volume knob (Rotate) / SEL/Confirm (Press)**		

General Operation

Power on/off -- Press the ' ⏻ ' button to turn the unit on. Short press ' ⏻ ' again to turn the unit off.

Brightness -- Press ' ⏻ ' to adjust the back light brightness (High / Medium / Off).

Changing Modes -- Press SRC to select between AM/FM, USB, Auxiliary and Bluetooth Music. Modes of operation are shown in the display.

Volume -- Adjust volume by rotating the volume knob.

Mute -- Press '>II' to silence the audio. Press '>II' again to resume listening at previous selected volume.

Auxiliary InputsInsert a 3.5mm connector in the AUX port, the other end of 3.5mm connector to the headphone output of an audio device (3.5 mm audio cable sold separately).

Audio setting

Short press 'SEL' to enter into AUDIO SETTING	Navigate between XBASS/ BASS / TREBLE / BALANCE / FADER	Rotate the volume knob to select between EQ USER/JAZZ/POP/ CLASS/ROCK

System setting

Press and hold 'SEL' to enter into SYSTEM SETTING	Navigate between BEEP / RESET / ABOUT / TIME

AM/FM Tuner Operation

1. Press the SRC button to select TUNER
2. Press >II button to MUTE, press again to UNMUTE
3. To manual adjust frequency press >>I or |<<
4. Press the PRESET button to recall PRESETS 1-6
5. Press BAND to switch between FM1, FM2, FM3, MW1, MW2, WB;

Tuner Function Setting

PRES Press and hold 'PRESET' to enter into Tuner function mode	Navigate between AUTO STORE / M STORE/ LOCAL / AREA / RDS / AF / TA / PTY	**>II** Press to enter setting
Rotate the volume knob to select option (A-store skip this step)	**>II** Press >II button to confirm the selection (A-store skip this step)	

A – STORE: Automatic search the strong radio stations and store them into PRESET.

M- STORE: Manual Store the Radio Station, tune to the favorite station, activate the M-STORE, the PRESET number will flashing on the LCD display, use the VOL+/VOL-button to adjust to your desired PRESET number (P1 - P18) , then press >II button to manually save the station.

LOCAL - ON/OFF.

AREA - Select between EUROPE / AUST / USA frequency.

RDS - ON/OFF; AF / TA / PTY – ON/OFF.

USB Operation (MP3/WMA)

Playing MP3/WMA Files To play MP3/WMA files, insert a USB device (not supplied) containing MP3/WMA files.

Track Select - Press >> to skip to the beginning of the next track.
             - Press << to return to the beginning of the previous track. Press and

Pause
Press >II button to temporarily stop playback.
Press >II button again to resume playback.
Fast forward and reverse
Press and hold >> or << to fast forward or reverse a track.
Folder Search
Short press BND button, 'ROOT' display on the screen, enable to select between folders.
Short press >> or << button (or Rotate the VOL knob) to select folders;
Short press >II button to enter into the selected folder;
After select the folder, press >> or << button (or Rotate the VOL knob) to select the songs;
Short press >II button to play the selected song;
Short press PRESET button to activate 'RDM ALL(Random)' - 'RPT ALL(Repeat)' - 'RPT SONG' and 'RPT FLD' function.

Bluetooth Operation

Preparation-Before using a Bluetooth device, it must be paired and connected. Ensure that Bluetooth is activated on your device before beginning the pairing process.
Pairing
To pair your smart phone to VX163, press the SRC button to select 'BT AUDIO' mode, the 'Bluetooth' icon will be flashingon the LCD screen.

Activate the Bluetooth on your smartphone to search for new devices. Connect with the device name ' VX163 ' when found. (If pin number is required by smart phone, please enter '0000'). Once pairing is successful, 'Bluetooth' icon will be displayed on the screen.

Press >> or << button to select next or previous track.
Press >II button to pause or continue play back.
While BT mode, Long press 'Band' button to force disconnect the current Bluetooth connection.

DAB Operation (available for VX163D only)

Note: DAB+ (Digital Audio Broadcasting) is only available for some European countries and Australia where has the Digital Radio Broadcasting.

Press SRC button to switch to DAB+ mode, VX163D will automatically scan for local digital stations. This process may take a few seconds depending on the numbers of available stations. As DAB+ stations are found, they will be automatically stored into the DAB+ band memories. Once scanning is complete, VX163D will begin playing the station stored in the first memory location. And the station will be displayed on the screen.

Tuning DAB+ stations

Press I<< or >>I button to tune to previous / next DAB+ station.

A – STORE: Long press BAND button for automatically scan and save the stations.

Specifications

General
Power supply requirements: DC 12V Negative Ground
Load impedance: 4-8 Ohms/channel
Maximum output power: 40W x 4 (CH)
Operate temperature: -10-50℃

FM Tuner: Tuning range: 87.9MHz-107.9MHz (USA)
87.5MHz-108MHZ (EUR)
AM Tuner: Tuning range: 530KHz-1710 KHz (USA)
522KHz-1620 KHz (EUR)
DAB+ (VX150D only) Tuning Range: BAND III 174-240 Mhz

USB playback
Signal to Noise Ratio: 55dB
Frequency Response: 50Hz- 20KHz
A/D Conversion Filter: 16BIT
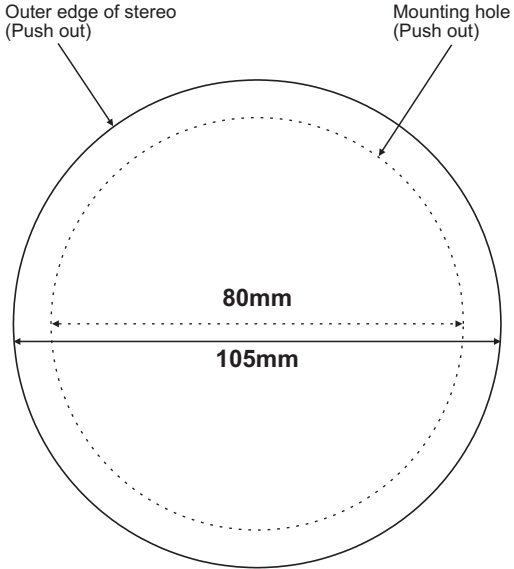USB Storage Capacity: 16GB Max

Bluetooth
Version: 3.0
*Note: Specification may change without notice.

Trouble Shooting

ISSUE	OPTIONS
Unit will not turn on (no power)	Cause: Yellow/red wire not connected or incorrect voltage Action: Check connections for proper voltage (11-16V DC)
	Cause: Black wire not connected Action: Check connection to ground
	Cause: Fuse blown Action: Replace the fuse
Unit has power (but no sound)	Cause: Speaker wire not connected Action: Check connections at speakers
	Cause: One or more speaker wires touching each other or touching chassis ground Action: Insulate all bare speaker wires from each other and chassis ground
Unit blows fuses	Cause: Yellow/red wire touching chassis ground Action: Check for pinched wire
	Cause: Speaker wires touching chassis ground Action: Check for pinched wire
	Cause: Incorrect fuse rating Action: Use fuse with correct rating

Cutting Template

Outer edge of stereo
(Push out)

Mounting hole
(Push out)

80mm

105mm

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.

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

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.