PROSPEC

PROSPEC ELECTRONICS

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JBL PRV-175 MANUAL

FCCStatement:

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.
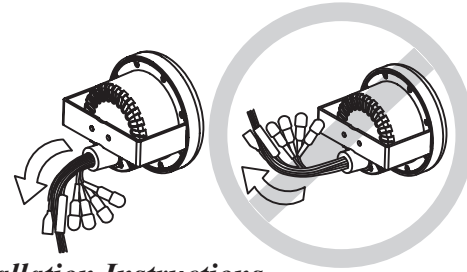- Consult the dealer or an experienced radio/TV technician for help.

FCCRFW arning:

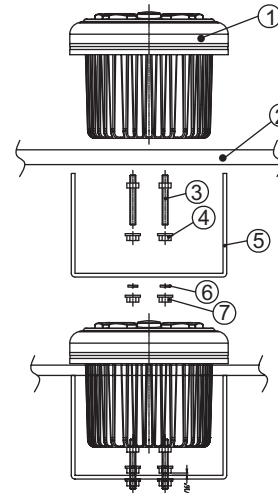This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

INSTALLATION BULLETIN

To avoid possible water ingress into wire harness area, route the harness in the downward direction as shown below on the left. Do not route the harness in the upward direction as shown on the right.

Installation Instructions

NO.	PART DESCRIPTION
1	RADIO
2	MOUNTING PLATE
3	MOUNTING STUDS
4	JAMB NUTS
5	MOUNTING BRACKET
6	SPRING WASHER
7	OUTER NUTS

Instructions:
1. Install jamb nuts (4) loosely on mounting studs (3), so they will not touch mounting brackets (5) when installed.
2. Slip mounting bracket (5) on and make flush with mounting surface (2).
   DO NOT RIGHTEN
3. Snug spring washer (6) and outer nuts (7) against mounting plate (2).
   DO NOT TIGHTEN
4. Position jamb nuts approximately 1/16" from mounting bracket.
5. Tighten outer nuts completely.

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*Note: In many respects, a stereo acts much like a computer and occasionally requires a reboot. In the unlikely event of product malfunction, a reset can usually fix the issue.
Reset Function: While unit is powered on, press and hold SEL button until setting menu displays on the LCD, then quickly press the SEL button repeatedly to navigate to firmware version. With firmware version displayed, press and hold SEL button again until SYS CLR displays on the LCD and the unit reboots. Once rebooted, the unit is reset.

Issue	Cause	Solution
No power	1. Incorrect wiring 2. Fuse is blown 3. Low battery voltage	1. Double check wiring 2. Replace fuse 3. Check voltage of vehicle battery with multimeter. Voltage must be at least 11V.
No Sound	1. Speaker connection came loose 2. Bad speaker 3. Output blown 4. Volume too low on media device	1. Double check connections. 2. Replace bad speaker with known good speaker and connect. 3. Send unit in for repair. 4. Increase volume of media device
No Reception	1. Antenna not firmly seated in socket	1. Insert firmly
USB stick not reading	1. File must be a mp3 or wma file	1. Convert format to mp3 or wma.
While in Bluetooth mode:		
No Connection	1. You are not connected to the "PRV-175" address on your portable media device. 2. Out of range 3. The connection is already in use.	1. Choose "PRV-175" 2. Bring portable media device closer to the receiver. Device needs to be within 30'. 3. Ask the person who first paired to drop out.

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Product Description

This radio features Bluetooth technology allowing music to wirelessly stream from an audio source to the receiver you just purchased. Why Bluetooth? From a practical standpoint, Bluetooth enables your music device (if applicable) to be placed in a glove box, your overhead console, or even your pocket-places that are dry-without having to install a separate docking station. In addition, Bluetooth audio streaming will work with any Bluetooth enabled device, not just one brand of media. Once connected, you can use your receiver to control your media device and vice versa! Bluetooth has a range of approximately 30', depending upon conditions, making this a practical solution for boats VTV's, and more!

The PRV-175 incorporates the following features:

- AM/FM
- Bluetooth Audio Streaming
- USB input
- Auxiliary input
- Waterproof faceplate
- 45W x 4 amplifier
- RF remote/wired remote option
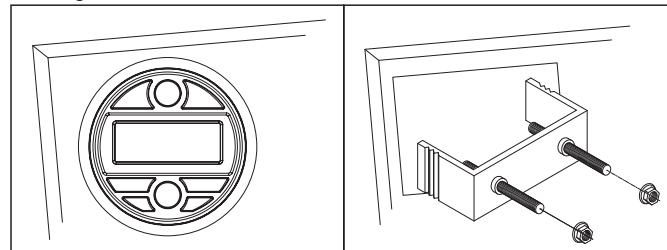- U.S. and European tuning
- Charging through USB
- 2 pair of RCA output

Installation
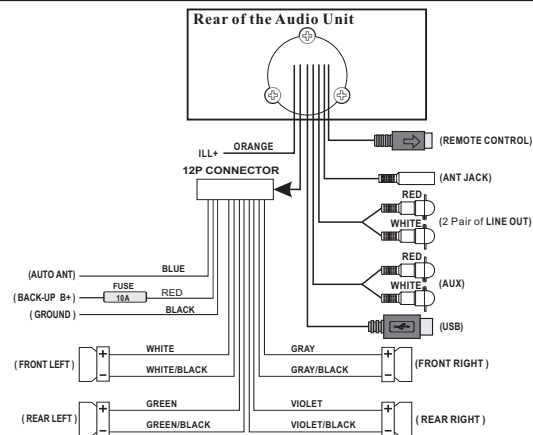
A mounting gasket has been added inside the package for convenience. Trace along the outside edge and this will be your cutout.

Mounting Illustration

1. Please install this unit in the place you prefer. Do not install beneath cup holders!

2. Use the bracket and screw to fix the unit. Install the U bracket behind the unit, using two nuts per bolt for ultra hold.

Wiring Identification

Rear of the Audio Unit

ILL+ — ORANGE
12P CONNECTOR

(REMOTE CONTROL)
(ANT JACK)
RED / WHITE (2 Pair of LINE OUT)
RED / WHITE (AUX)
(USB)

(AUTO ANT) — BLUE
(BACK-UP B+) — FUSE 10A — RED
(GROUND) — BLACK

(FRONT LEFT) — WHITE / WHITE/BLACK
(REAR LEFT) — GREEN / GREEN/BLACK

GRAY / GRAY/BLACK — (FRONT RIGHT)
VIOLET / VIOLET/BLACK — (REAR RIGHT)

Bluetooth Operation

Your media device must incorporate the Bluetooth option in order to stream music.
  A. To pair your Bluetooth device, press the MODE button on the stereo until
     BT AUDIO appears.
  B. Press and hold SCAN button until PAIRING appears.
  C. Next, go to settings on the Bluetooth device and turn the Bluetooth option to "on".
  C. Pick the "PRV-175" option on your Bluetooth enabled device (please note that
     if you are prompted for a password, the code entered will be "1234". If your stereo
     does not immediately pair, press SCAN. This will allow the pairing process to
     finalize. A higher pitch frequency noise will alert you to the connection/success!
     The display will also read "CONN OK" (connection ok).
  D. To disconnect your device, press and hold SCAN button. "DISCONN" will appear
     letting you know you have successfully disconnected.

Auxiliary Input Mode

A. Press the Mode button until "AUX" appears on the LCD screen.
B. The use of auxiliary mode allows you to play the portable music device through
   the headphone jack.
   Note: An additional accessory/adaptor must be purchased in order for this to happen.
         Prospec's part, SEAMINI2, or SEAUSBMINI fulfills this option.

RCA output

Description: The use of RCA outputs allow an amplifier or subwoofer to be hooked up.

Remote Option

A. RF remote option.
   In order to take advantage of the remote option, a transmitter and receiver must be
   purchased (together part #, MILRF9 UART). Once plugged in the RF remote dongle,
   the RF remote will allow for wireless remote control possibility.
B. Wired remote.
   Proprietary wired remotes may also be used with this JBL unit. Part # JBLMC20 may
   be purchased as well as part # MILREM50.

Front Panel Layout

JBL   Power On/Off button.
          Short push for the first time to turn the unit on.
          With unit powered on, short push for MUTE feature.
          Press and hold for more than 2 seconds to turn the unit off.

MODE Mode Function.
          Switches amongst Radio, BT AUDIO, USB and Auxiliary mode.

SEL   SEL stands for SELECT.

▶II   In Radio mode, this works Band Function.
          In MP3 playing mode, it works Play/Pause function.

SCAN/ In Radio mode, it works Auto Preset and Presets Scan function.
APS   In USB mode, it works Search function.

Front Panel Layout

VOL +	Volume Increase
VOL -	Volume Decrease
▶▶❙	Track Up / Tune Up / Fast Forward
❙◀◀	Track Down / Tune Down / Reverse

General Operation

A. SEL button

Press and hold this button to enter into SELECT function, then repeatedly short push in succession results in the following menu options: Bass, Treble, Balance, Fader, Loud, EQ, Beep, Initial Volume, Area. Press the VOL+ or VOL- to adjust the options.
- **LOUD.** Choose between Loud ON or OFF.
- **EQ.** Choose between Classic, Pop, Rock, Jazz and EQ off.
- *Beep.* Choose between Beep ON, Beep 2ND, Beep OFF. Beep ON will result in the beep sound at the press of every button; Beep 2ND will result in the beep sound once the button is long pressed; Beep OFF results in the beep sound off completely.
- **Initial Volume**. Refers to the loudness level upon start of the receiver.
- **AREA**. Choose between USA and European.

Radio Operation

A. Pres ▶❙❙ button (BAND function) to access FM and AM. There are three FM bands and two AM bands, each band contains six presets.

B. APS button (Auto Preset Store). Press and hold APS will automatically preset six stations into the current band.

C. SCAN button (Presets Scan). Simply press SCAN button to scan the preset stations in current band. At your desired station, press SCAN again to play the station.

D. Tuning. A short press of the ▶▶❙ or ❙◀◀ button results in a search of the station and stops at next sufficient signal strength. A long press results in manual tuning mode, allowing you to search one odd digit frequency at a time. (It will revert back to AUTO tune mode with out operation in 5 seconds.)

USB Operation

Note: USB slot is for USB sticks only. For play of other brands of media, please use the auxiliary input or if applicable, utilize Bluetooth mode.

A. Insert a USB stick into the USB slot. *Songs must be of the mp3 or wma format.*

B. ▶❙❙ button. Press it to pause the track. Press it again to resume play.

C. ▶▶❙ and ❙◀◀ button (Track Up / Track Down)
Short press Track Up or Track Down button to select the next or previous track. Press and hold Track Up or Track Down button to go fast forward and rewind the current track respectively.

D. APS button (Search function)
Short press APS button will result in track search mode. Press VOL+ or VOL- to your desired track and push SEL to confirm.