Speakeasy v4BT

Self-contained Speaker System

The Speakeasy v4BT is a self-contained, battery-powered speaker with mic, line and instrument level inputs, and an integrated wireless pairing (blue tooth) receiver for wireless playback of audio. It is housed in a cast aluminum enclosure with a durable black finish and features an improved audio signal path for better clarity and faithful sound reproduction, as well as a new power amplifier running a bi-amped speaker configuration.The Speakeasy v4BT drivers are magnetically shielded, allowing operation near sensitive equipment.

Powering
The Speakeasy v4BT will operate on two 9V batteries, typically for a full day of intermittent use. It will also operate from an external 9 - 18VDC power source on its coaxial power connector (2.1 x 5.5mm, center pin positive). The internal battery is switched out of circuit when plugging in external power so there is no need to remove the battery when using external power.

Line Level Input
The line level input is for balanced signals of +4dB, though unbalanced signals may be used. An XLR / 1/4" TRS combo jack is provided for convenience, and is wired in the standard balanced configuration of Pin 1/Sleeve = Ground, Pin 2/Tip: Audio Hot (+), Pin 3/Ring: Audio Cold (-).

Microphone Level Input
The XLR mic level input will accept a balanced mic level signal, and will directly accommodate a dynamic microphone. Powering for condenser mics is not available. The microphone input has 40dB of gain available, accessible on the rear panel with a small flat-bladed screwdriver.

Instrument Level Input
The Speakeasy v4BT will accommodate an unbalanced instrument-level signal on a 1/4" TS connector. The impedance of this input is 1Mohm, which is suitable for use with passive electric guitar pickups or active guitar preamp systems without "loading down" the pickups and causing high frequency roll-off. Instruments with very hot outputs, such as electric guitars with overwound humbucker pickups, may cause distortion. In that case, the guitar's volume control should be adjusted to minimize distortion.

All audio inputs are isolated from each other and therefore may be used at the same time. For example, a line level input can be used for music playback while the mic input is used for cueing.

Wireless Pairing Operation
The Speakeasy v4BT is equipped with a built in wireless pairing receiver module for wireless audio playback. It has a range of >30 ft. depending on the environmental factors. It features a simple two button interface with two status LEDs.

Power on the Wireless Pairing Module
The volume potentiometer on SpeakEasy front grill must first be turned to the ON position. Then hold the CONNECT button for 2 seconds. The module will power up with an audible 4 note chime (ascending) and the **Blue** STATUS LED will flash slowly 3 times.

Note: If the SpeakEasy v4BT is within range of a previously paired device(s), it will automatically try to reestablish a connection with the last used device upon power-up.

Power off the Wireless Pairing Module
Hold the CONNECT button for 4 seconds. The module will power down with the audible 4 note chime (descending) and the **Blue** STATUS LED will flash quickly 4 times.

Enter Pairing Mode

There are two ways to enter the wireless pairing module pairing mode.

1. With the wireless pairing module powered OFF: Hold the CONNECT button for 5 seconds (do not release until after the power up chime and **Blue** LED flashes 3 times. The v4BT will enter into pairing mode, the **Blue** and **Red** LEDs will flash alternately.

2. With the wireless pairing module powered ON: Hold the CONNECT button while pressing the PLAY/PAUSE button. The v4BT will enter into pairing mode, the **Blue** and **Red** LEDs will flash alternately.

Once a pairing link is established, the **Blue** STATUS LED will remain on and every 5 seconds, the **Red** LED will alternate 2 times.

Wireless Pairing Multilink

The SpeakEasy v4BT is capable of having multiple (2) simultaneously connected source devices, however it will only actively receive audio from one device at a time. The two button playback controls switch to control the active audio source.

Once a Multilink connection is established, the **Blue** STATUS LED will remain on and every 5 seconds, the **Red** LED will flash 3 times.

Playback Controls

PLAY or PAUSE	Single Press the PLAY/PAUSE button. - During Playback, the **Red** AUDIO LED will remain on and every 5 seconds, the **Blue** LED will flash 1 time.
NEXT	Double Press the PLAY/PAUSE button.
PREVIOUS	Double Press the CONNECT button.

Specifications

Dimensions: 4.6 x 4.5 x 7.3 inches.
Weight: 4.4 pounds.
Internal power: Two 9V Batteries
External Power: 9-18VDC
Idle power drain: ~65mA
Amplifier Power: Woover: 14W @ 8 Ohm nominal speaker impedance
Tweeter: 14W @ 6 Ohm nominal speaker impedance
Maximum SPL: 96dB (1kHz @ 1m)
Wireless Pairing Version: 5.0 certified
Support: A2DP v1.2, AVRCP v1.5, HSP v1.1
Frequency Spectrum: 2.402 GHz to 2.480 GHz
Range: approx 30 - 50ft depending on environmental factors

Limited Warranty

Remote Audio warrants the Speakeasy v4BT against defects in materials and workmanship for a period of one (1) year from the date of original retail purchase. Please visit our website for complete terms and conditions or contact us at info@remoteaudio.com.


REMOTE AUDIO


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