

TASCAM

VL-S3 / VL-S3BT

Powered Desktop Monitors



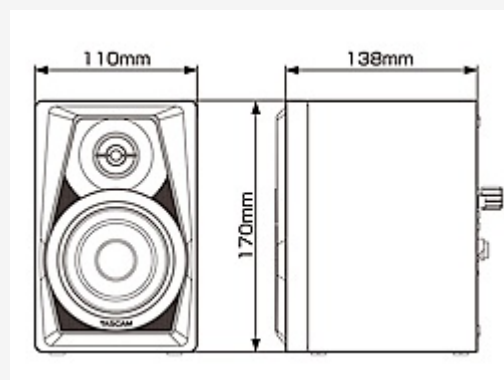
VL-S3 and VL-S3BT bring great-sounding compact studio monitoring to the price of a set of headphones. The two-way powered monitors include a 3-inch woofer vented by a bass reflex port on the rear to create a surprising punch.

A pair of RCA inputs accept any line-level input signal, and a stereo 6.3-mm to RCA cable is included to connect to the jack outputs of your mixer or audio interface. Also available is a 3.5-mm stereo mini jack for playing from smartphones or MP3 players.

An efficient stereo power amplifier with 14 Watts per side drives the two monitors. The compact, ported cabinets fit almost anywhere and are ideal for home studios, dorm rooms, or video editing suites.

The VL-S3BT has a high-quality Bluetooth receiver built in for wireless playback from smartphones, tablets, and other devices.

Compact cabinets fit almost anywhere



Even with professional two-way drivers and rich power amplifier, the footprint is as compact as 110 mm x 170 mm – perfect on a desktop or next to your laptop PC. There's no need to make space for speaker stands. The compact monitors can fit below many monitors or in crowded machine or server rooms.

Wide frequency response of 80 Hz to 22 kHz

Even though they're priced like standard PC desktop speakers, the VL-S3 provide professional monitoring quality. With a frequency response of 80 Hz to 22 kHz, every sound is faithfully reproduced - from the body resonance of a bass drum to a tinkling wind chime. The wide response is reproduced by the two-way system design consisting of a woofer, tweeter, and the bass reflex port located on the rear of the cabinet.



Built-in power amplifier with 14 watts per channel



Designed specifically for desktop systems, the integrated 14 W + 14 W power amplifier provides you not only powerful, full-volume monitoring, but also features well-balanced sound at low volume. The VL-S3 work great in areas where excessive volume might be a problem, such as bedrooms, dorm rooms, and apartment buildings.

RCA and stereo mini-jack line inputs

The dual RCA inputs provide a common, compact interface for connecting with unbalanced sources. A stereo 6.3-mm phone plug to RCA conversion cable is included for sources like an audio interface or Portastudio with a phone output jack can be interfaced. The VL-S3 also includes a 3.5-mm stereo mini input jack, which automatically shuts off the RCA inputs. Using a standard stereo mini cable, a portable MP3 player, iPad or smartphone can be connected.



Bluetooth® playback (VL-S3BT only)



aptX®/AAC codecs for low latency and high definition

A Bluetooth receiver is built into the cabinet, making wireless playback possible from a smartphone, PC, or any Bluetooth-enabled device where the reference sound is saved. Bluetooth playback supports aptX and AAC codecs – higher definition and lower latency than the typical SBC codec. So, without any cables, the sound can be compared to the sound in production – resulting in high-definition playback which does not feel wireless. Switching input and pairing can be done using the buttons on the front of the body.

Music playback over Bluetooth



Transmission protocols, called profiles, are standardized for the purpose of wireless transmission via Bluetooth. VL-S3BT uses the profile A2DP (Advanced Audio Distribution Profile), and can wirelessly play back from devices compatible with A2DP. Furthermore, the sound is compressed for wireless transmission. This compression method is called codec. Confirm which codec your device is compatible with on the webpage describing your device.

Codecs supported by VL-S3BT

- SBC (Sub Band Codec): This is the standard codec which all A2DP-compatible equipment support. It has a higher definition than a headset mic, for example, but is inferior to the codecs described below. Also, latency occurs at the time of compression, so a time lag may be felt when listening to a video or the like.
- AAC (Advanced Audio Codec): This is the codec used mainly in iPhones and other iOS devices. The time lag is negligible. The compression rate is on par with SBC, but has superior definition.
- aptX: The compression rate is low, allowing for playback in high definition – closer to the original sound. The time lag is also negligible.



Main Features

- **Power amplifier output: 14 W + 14 W (left speaker cabinet contains the power amplifier)**
- **3-inch woofer, 0.5-inch tweeter**
- **Power switch/Power LED**
- **Dedicated AC adapter included (Tascam PS-P1524E)**
- **Stereo 6.3-mm to RCA adapter cable included**

- Bass reflex port on rear side
- Crossover circuit specially tuned at 8 kHz—well outside the vocal range
- RCA terminals (stereo) and 3.5-mm stereo mini unbalanced input (the stereo 3.5-mm mini jack is preferred)
- Volume control

Unique features for VL-S3BT

- Bluetooth wireless playback function by A2DP profile
- Supported A2DP codecs: SBC/AAC/aptX
- Bluetooth pairing button on front panel
-
-

Specifications

General	
Maximum effective output	14 W + 14 W (distortion: 10%)
Speaker units	3-inch (76.2mm) woofer 0.5-inch (12.7mm) tweeter
Enclosure	Bass-reflex type
Frequency response	80 Hz - 22 kHz
Crossover frequency	8 kHz
Sensitivity	-4.8 dBV (580 mV) for 14 W+14 W
External input	RCA pin jacks, stereo mini jack
Input impedance	50 kΩ

Bluetooth (VL-S3BT only)	
Bluetooth version	Version 4.0
Output class	Class 2 (Unobstructed communication distance: about 10 m*)
Supported profile	A2DP
Supported A2DP codecs	SBC, AAC and aptX
Supported A2DP content protection	SCMS-T
*This communication distance is an estimate. The communication distance might differ depending on the surrounding environment and wave conditions.	

Power supply and other specifications	
AC adapter (PS-P1524E)	Input voltage: AC 100–125 V (50–60 Hz) Output voltage: DC 15 V Output current: 2.4 A
Power consumption	6.5 W
Dimensions (width × height × depth, excluding protrusions)	110 mm × 170 mm × 138 mm
Weight	Active unit: 1.1 kg Passive unit: 1.0 kg
Supplied accessories	AC adapter (Tascam PS-P1524E), speaker cable, RCA—6.3-mm TS jack adapter cable, Owner's Manual

Design and specifications subject to change without notice.

Last modified: 2018-06-27 10:00:03 UTC