

VL-S5

Powered studio monitor speaker



The VL-S5 is the successor of Tascam's popular range of high-quality studio monitors. Designed for the needs of home studios, it works well with audio interfaces such as our US-2x2HR and US-4x4HR.

The design of the VL-S5 makes it a high-resolution monitoring system for any environment. You immediately notice the seamless, natural response delivered by the Kevlar woofer and 1-inch silk dome tweeter.

Each component is driven by a separate amplifier, and a crossover frequency of 3.2 kHz maximizes the efficiency of both drivers while moving phase issues out of the critical midrange. The system offers even frequency reproduction from 60 Hz to 22 kHz. Balanced input connections reduce noise and interface with professional components.

For reliable mix playback at an affordable price, the VL-S5 studio monitor might be your first choice.

Details

High-strength Kevlar LF cone and 1-inch silk HF driver for superior, natural response



In the music production process, it is imperative to hear the audio quality of your tracks as purely as they were recorded. The VL-S5 system responds quickly to audio transients with high-quality driver components. The high-strength, heat-resistant Kevlar cone combined with the 1-inch silk tweeter faithfully reproduce every nuance of the original recorded track.

The Kevlar cone delivers the full frequency spectrum without distortion. Softer materials used in other monitors can bend and deform during playback, giving you an inaccurate idea of what your mix actually sounds like. The silk dome tweeter provides accurate high-end playback without the harsh, fatiguing sound typical of metal-domes designs.

LF 40 W and HF 30 W bi-amplified power

The VL-S5 is built with transparent audio quality in mind. Each component is driven by a discrete amplifier for the cleanest possible playback. Separate amplifiers also eliminate any possible electrical interaction between components – which could degrade performance.

The crossover frequency of 3.2 kHz was selected after extended listening tests to ensure that seamless response is achieved. Many monitors place their crossover frequency lower around 1–2 kHz, allowing them to use less expensive components. But this causes phase distortion in the midrange where guitars, vocals, and other critical mix elements lie.

Balanced XLR/TRS input for low-noise connection



Electrically balanced audio connections reduce noise when interfacing audio components, especially when cables are long. Noise can come from other components in the signal chain, the electrical supply to audio components, room lighting, and other sources. Noise can get mixed with signals during transmission between components on a cable, and a balanced connection can reduce or eliminate this noise. To correctly identify whether noise is caused by a previously recorded music track or the environment, noise must be excluded from the monitoring environment.

Magnetically shielded design allows safe placement near personal computers and video monitors



The VL-S5 is shielded to prevent magnetic lines of force from affecting sensitive components nearby. The highly-efficient VL-S5 speaker has a powerful magnet. With magnetic shielding, it can be installed near devices which can be affected by magnetic force – such as computer displays, hard drives, and other computer components.

Features at a glance

- Compact powered two-way monitor speaker
- Ideal to monitor sounds from your computer, multi-track recorder or portable music player
- Powerful bi-amp design (HF: 30 W, LF: 40W)
- Direct radiating 5¼-inch woofer
- Bass reflex design for rich low-frequency reproduction
- 1-inch dome tweeter
- Magnetic shielding for use near CRT computer monitors

- Protection against excessive output current, over-temperature, turn-on/off transients, subsonic
- Frequency response: 60 Hz – 22 kHz
- Crossover frequency: 3.2 kHz
- XLR/TRS combo input (balanced/unbalanced)
- Input level control
- Power LED
- Removable mains power cable
- External mains fuse
- Dimensions (W × H × D): 176 mm × 255 mm × 200 mm
- Weight: 5.4 kg

Specifications

General

Output power	Low frequency range: 40 W High frequency range: 30 W
Speaker chassis	5.25-inch woofer 1-inch tweeter
Enclosure	Anti-magnetic construction
Frequency response	60 Hz – 22 kHz
Crossover frequency	3.2 kHz
Input Sensitivity	200 mV
Input jacks	XLR (balanced, input impedance 20 k Ω) TRS (balanced/unbalanced, input impedance 10 k Ω)
Mains power	AC 115 V / AC 230 V, 50/60 Hz
Power consumption	60 W
Dimensions (W × H × D)	176 mm × 255 mm × 200 mm
Weight	5.4 kg

Design and specifications subject to change without notice.

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