

Adam Audio D3V Black (par) - aktivni studijski monitor

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Proizvođač: ADAM AUDIO

Cena: 331,00 EUR

Adam Audio D3V Black (par) - aktivni studijski monitor **Fully**

Active Aluminium 3.5" Woofers & Ferrite Magnet System

Optimised using ADAM Audio's state-of-the-art Klippel measurement system, the extremely symmetrical voice coil and ferrite magnet system help minimize unwanted distortions and provide a linear motor for the woofer. Each one-piece concave cone is made of ridged, thick aluminium with a long linear excursion range which delivers uncoloured sound even at surprisingly high output levels.

The D3V is a fully active design with four individual amplifier channels and DSP-managed crossover. The woofers are powered by 80W amplifiers with the link cable carrying an amplified signal to the right speaker.

D-ART Tweeter

A quarter century of ribbon tweeter research and development has led to the creation of ADAM Audio's highly capable 1.5" Desktop Accelerated Ribbon Tweeter. Each diaphragm is hand folded and glued with 40W amplifiers driving each unit. Like the rest of ADAM Audio's tweeters, the D-ART incorporates crossover fine-tuning which is managed by highly accurate DSP.

Passive Radiators

The D3V employs dual-sided passive radiators on each speaker for a total of four per system. Each radiator consists of a stainless-steel plate as the moving mass, and a specially stabilised long-stroke rubber surround for the suspension. Together they reinforce the lowest possible response of the loudspeaker through their interaction with the main woofers, as well as contributing toward the overall SPL of the system.

Direct USB-C Input

The D3V represents ADAM Audio's most convenient monitoring system thanks to the inclusion of a plug'n'play USB-C input. The loudspeakers behave as a digital output device when connected to a computer, mobile, or tablet, which negates the need for an additional audio interface. This direct digital connection facilitates high-quality audio playback without the compression or conversion normally associated with desktop monitors.

DSP Room Acoustics

On the backplate of the left speaker you can find three switches to counteract the typical acoustical issues that arise from speaker placement. "POSITION" refers to the fixed position of the loudspeaker in the room. "DESK" refers to the size of the desk in front of the loudspeaker, while "ROOM" refers to the amount of acoustic treatment in the space in which the system is being used.

Balanced Analogue Inputs

In addition to the USB-C input, the D3V features analogue inputs for traditional audio applications. It allows for balanced connections to audio interfaces as well as direct connections to all kinds of hardware including synthesizers, drum machines, samplers, and DJ mixers. The USB-C or balanced analogue inputs can be toggled by pressing the volume knob on the left speaker.

Headphone Output, Monitor Stands & Mounting Options

Functionality and convenience played a major role in the design of the D3V. The front-facing headphone output automatically takes over audio playback when connected, while detachable monitor stands angled at 15° are also included. Additionally, there is a standard threaded 3/8” hole for microphone stand mounting on the underside of both monitors.

Injection-Moulded Cabinet

The D3V’s cabinet is made of high-grade injection moulded ABS Polycarbonate, with thick walls and plenty of bracing to avoid vibrations and unwanted resonances. The rounded shape reduces unwanted sound diffraction at high frequencies, while also paying tribute to ADAM Audio’s long-standing industrial design heritage.

Warranty

2-year standard warranty, extension to 5-year warranty upon registration in My ADAM User Area

What’s In The Box

- 1x D3V right monitor
- 1x D3V left monitor
- 2x D3V angled stands
- 6x D3V desktop pads
- 1x 2m loudspeaker link cable
- 1x D3V PSU and mains power cable
- 1x 1m USB-C to USB-C cable
- 1x USB-C to USB-A adapter
- Quick start guide and safety and warning sheet

Technical Specifications

Acoustics	
Frequency Response @ -3 dB	48 - 22.6k Hz
Frequency Response @ -6 dB	45 - 23.2k Hz

Max SPL in full space at 1 m with sine bursts (average 100 - 6k Hz) at 3% THD (rms / peak)	92 / 96 dB SPL
Crossover Frequency	4.0 kHz
Drivers	
Passive Radiator Basket Diameter	2 x 3.5"
Woofer Cone Material	Single-piece aluminium
Woofer Basket Diameter	3.5"
Woofer Voice Coil Diameter	1" (25 mm)
Woofer Grille	Painted steel
Tweeter Type	D-ART
Tweeter Velocity Transform Ratio	4 to 1
Audio Input/Output Connectors	
Analog connectors	2 x Balanced 6.3 mm jack
Max. Input Level	+9 dBu

Digital connector	USB Type C
Digital audio signal	Class-compliant USB 1.1
Sample rates supported	32, 44.1, 48 kHz
Bit depth	24-bit
Headphone Output Connector	3.5 mm TRS mini-jack
Headphone Output impedance	32 Ohms
Signal Processing	
AD converter	24-bit
Internal sample rate	48 kHz
Internal processing bit depth	28 bit
Latency	4.0 ms
Protection	Independent peak and thermo limiters for each driver, and am thermo limiters
Amplification	

Woofer amplifier: Type	PWM
Woofer amplifier: Peak (10% THD, limiter deactivated)	2 x 80 W
Woofer amplifier: RMS (1% THD, limiter deactivated)	2 x 70 W
Tweeter amplifier: Type	PWM
Woofer amplifier: Peak (10% THD, limiter deactivated)	2 x 40 W
Tweeter amplifier: RMS (1% THD, limiter deactivated)	2 x 30 W
Control Options (via backplate)	
Input sensitivity	0 dBu = 88 dB SPL at 1 m @ 0 level setting
Level	The volume knob controls loudspeaker and headphone output over the range -∞ dB to +6 dB
Volume knob press functions	Mute, standby, input select, channel swap
Input selection	Analogue, USB-C
Channel order	Normal, L/R swapped
Backplate Room Adaption - Position (Bass)	0, -3, -6 dB

Backplate Room Adaption - Desk (Low-mid and Mid)	0, -3, -6 dB and 0, -2, -4 dB
Backplate Room Adaption - Room Acoustics (Treble)	0, -1.5, -3 dB
Remote Control Options	
Connector	USB-C
Connection type	Class-compliant USB 1.1
General Data	
Display	Front panel multi-colour logo
Cabinet design	Dual passive radiator
Cabinet material	Painted ABS Polycarbonate
Mounting options	Flat on desk or loudspeaker stand angled 15 degrees upwards on using supplied foot, threaded in (3/8") on the bottom of the cabinet for microphone stand
AC input voltage	100 - 240V, 50/60 Hz
Power rating	60 W max.