

QUICKSTART GUIDE
TYPE 05 A-CORE / TYPE 07 A-CORE



THANK YOU

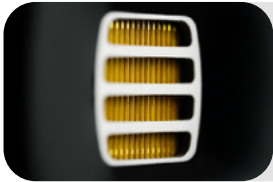
Dear valued customer,

Thank you for purchasing these premium active monitors. Get started with this guide and find the full manual online.

The A-CORE Series represents the peak of HEDD Audio's analog expertise, drawing on over 40 years of loudspeaker design by founder Klaus Heinz. We hope you will enjoy the experience.

From Berlin,
Team HEDD

A-CORE: OUR MOST ADVANCED ANALOG SPEAKERS YET



Air Motion Transformer

Klaus Heinz's state-of-the-art Air Motion Transformer tweeter with ultra-fast transient response and remarkably smooth sound unlike AMT of the past (and present). Reveals stunning details in all genres and audio tasks.



Woofer

Custom-made woofers created from a lightweight and stiff Honeycomb compound material to enable tight and accurate midrange and (unusually low) bass performance.



Cabinet

Heavy-duty cabinet construction to unlock the full potential of the drivers at any volume for years to come.



Designed and made in Berlin

Hand-assembled in Germany to the highest manufacturing standards.

QUICKSTART

01

Placing the Monitors Correctly

In general, we advise placing near-field monitors at 1m - 2m listening distance and a 60° angle. The acoustical center of our speakers is our AMT Tweeter and the AMT should be placed at ear height.

Please ensure at least 20-50 centimetres distance to walls.



02

Inputs

The A-CORE 05 and A-CORE 07 speakers feature an analogue balanced 3-pin XLR, TRS, and RCA connection points. The Input Selector switch allows for selection of your input choice.

Note: When you first plug in the speaker, you might notice the volume seems low. This is because the speaker is set for a nominal input of +4 dBu at 0 dB volume setting—a professional standard that prioritizes clean signal reproduction over high gain. To correctly gain stage your system, adjust the output level on your audio interface until you reach a robust signal that fills out the dynamic range. Increase the gain gradually until you achieve your desired SPL without the interface or speaker clipping, ensuring the sound remains clear and distortion-free. This process maintains the integrity of the audio signal while optimizing overall performance.



03

Volume, Bass, and Treble

The A-CORE Series features easy to adjust knobs located on the back panel for volume (± 12 dB), low shelf (± 6 dB), and high shelf (± 6 dB).



04

Standby

The A-CORE monitors feature a manual standby that can be activated / deactivated by pressing the front panel LED logo.

Note: When powering on the speakers, the Standby will be activated. (White LED)



SPECIFICATIONS

A-CORE SERIES	TYPE 05 A-CORE / TYPE 07 A-CORE	
PREMIUM DRIVERS & ELECTRONICS		
Tweeter	HEDD Air Motion Transformer with ultra-fast transient response	
Woofer	5" / 7" Custom-designed Honeycomb-compound	
Cabinet	Heavy duty MDF for optimized airflow and driver performance	
Amplification	2x 100W Class D-ICE Power	
Max SPL, Per Pair at 1m	114 dB SPL	116 dB SPL
Frequency Response	43 Hz - 50 kHz	38 Hz - 50 kHz
Crossover Frequencies	2.500 Hz	2.200 Hz
Audio Processing	Custom Analog Filter Board	
SOUND OPTIONS		
Low Shelf	± 6 dB	
High Shelf	± 6 dB	
INPUT CONNECTIONS		
Unbalanced	RCA	
Balanced	XLR + TRS 6.3mm	
ADDITIONAL FEATURES SPECS		
Standby Switch	Physical (Front Logo)	
Mounting	HEDD M5 Adapter	HEDD M7 Adapter
Warranty	5 Years	
Dimensions in mm	308 x 180 x 245	370 x 220 x 300

Heinz Electrodynamic Design (HEDD) is a Berlin-based manufacturer of cutting edge loudspeaker and headphone solutions. Founded in 2015 by loudspeaker design legend Heinz Klaus, HEDD products include studio monitors, subwoofers, and main speakers – as well as the signature Air Motion Transformer based HEDDphone® line of open-back premium headphones.

Producers, sound engineers, recording artists, and high-end enthusiasts worldwide seek out HEDD for use in music production, mastering, and home HiFi. HEDD's mission has been to build products aiming for outstanding signal fidelity in Germany, that can accommodate a diverse range of sounds and eclectic spectrum of musical tastes.

HEDD stands behind their innovation. That's why we offer an extended 5-year warranty, a testament to the quality of our products. The warranty includes the drivers and all mechanical parts for any defect that occurs during intended use. Any parts that are prone to wear and tear can be replaced and ordered from HEDD or any licensed reseller. Please note that to get your five (5) years extended warranty, you need to head over to hedd.link/registration and register your product – or scan the QR code to the bottom right.



Register here:



HEDD Audio GmbH | Salzufer 13-14 | 10587 Berlin | Germany
www.hedd.audio | info@hedd.audio