HEDD

Heinz Electrodynamic Designs

MK2 Professional Studio Monitors

QUICKSTART

THANK YOU

Dear customer,

thank you for choosing our HEDD Audio Type MK2 professional studio monitors.

You have selected an innovative, ultra-transparent sounding active speaker that we think will open the window to your music at the widest possible angle.

Please unpack your new loudspeaker cautiously. If you discover any damage to the packaging or the speaker itself, don't operate the speaker and contact your HEDD dealer for solving the problem.

The MK2 monitors offer detailed and partly new kinds of controls, so we invite you to read through the following section carefully.

We suggest that you allow the speaker to acclimate to the temperature of your room for about an hour before using it.

QUICKSTART

Make sure the main power switch is in the "0" position, then connect the power cord to the power socket.

Set the power switch to "1". Please note that the LED becomes green immediately but it may take up to 15 sec to power up and play music. **Warning:** High volume may damage your hearing! Consider lowering the volume first.

Connect your audio source via the balanced XLR socket, then select the desired input with the ANALOG / AES rotary switch on the back plate (bottom left). For digital AES input, please choose the signal (left, right, mono).

As there are quite a number of control knobs on the backplate we recommend to start playing music with all the markers in the "Up" position: ALL "0" and "↑" POSITION = FACTORY SETTING

DOWNLOAD the full manual at hedd.link/manual

REGISTER your product with HEDD to receive an extended 3 year warranty as well as to receive information and advice on setting up and configuring your HEDD audio product.

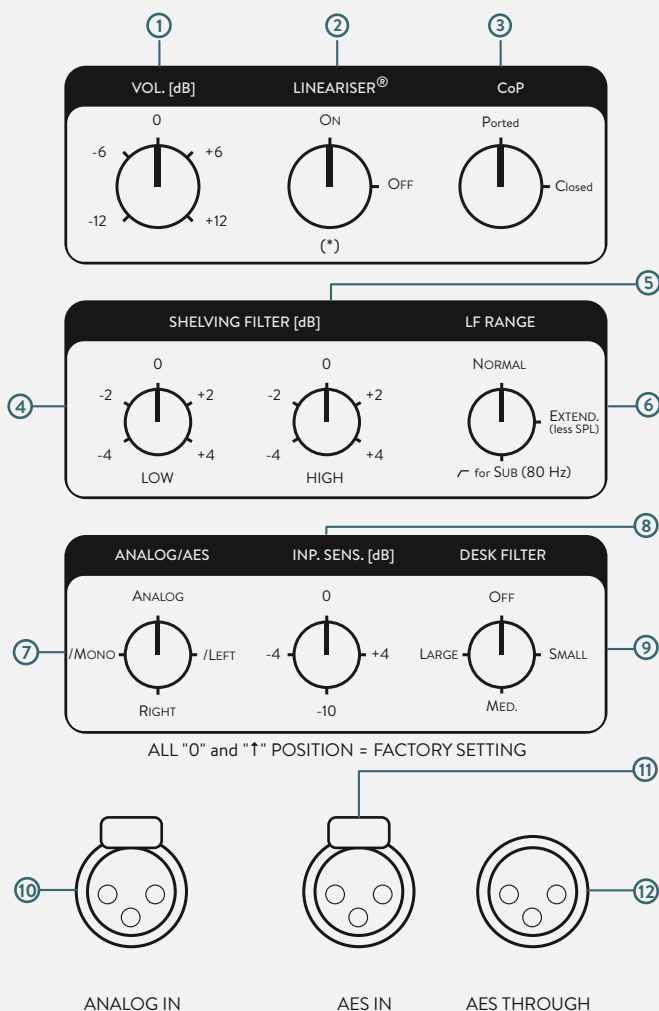Please scan the code to the right or visit the URL hedd.link/registration

QUICK GUIDE

LED INDICATORS

≋HEDD
● ● ○

1. Red: Overload
2. Green: Power On
3. White: Stand-By

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① VOL. [dB]
0
-6   +6
-12   +12

② LINEARISER®
ON
OFF
(*)

③ CoP
Ported
Closed

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④ SHELVING FILTER [dB]
0
-2   +2
-4   +4
LOW

0
-2   +2
-4   +4
HIGH

⑤ LF RANGE
NORMAL
EXTEND. (less SPL)
for SUB (80 Hz) ⑥

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⑦ ANALOG/AES
ANALOG
/MONO   /LEFT
RIGHT

⑧ INP. SENS. [dB]
0
-4   +4
-10

DESK FILTER
OFF
LARGE   SMALL ⑨
MED.

ALL "0" and "↑" POSITION = FACTORY SETTING

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⑩ ANALOG IN   ⑪ AES IN   ⑫ AES THROUGH

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1. Volume
/ adjust the output volume

2. HEDD Lineariser®
/ activate or deactivate the HEDD Lineariser® for full phase linearity

3. CoP
/ change the DSP settings according to whether you are using the speakers ported (without plug) or closed (with plug)

4. Low shelf filter
/ changes bass response in a ± 4 dB range in 1 dB steps to adapt the speakers to your room

5. High shelf filter
/ changes treble response in a ± 4 dB range in 1 dB steps to adapt the speakers to your room

6. Low frequency range
/ optionally extend the bass range (at the expense of a lower max. SPL) or cut off the bass for use as satellite with subwoofers

7. Input selection
/ select your active input or stereo channel / please note that in analog mode the stereo channel is defined by your pre-amp

8. Input sensitivity
/ adjust the input volume by increasing the input by up to 4 dB (warning: clipping may occur) or lowering it by up to 10 dB

9. Desk filter
/ correct unwanted reflections of desks and workspaces

10. Analog input
/ use this balanced XLR input connection to connect your HEDD monitors with an analog balanced output amplifier

11. Digital input
/ use this digital AES connection to connect your HEDD monitors with a compatible source, for example a corresponding digital interface

12. Digital passthrough
/ use the AES output connection to pass through the input information, for example to chain multiple speakers

Please download and read the full manual for more information.

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HEDD Studio Monitors MK2	TYPE 05 MK2	TYPE 07 MK2	TYPE 20 MK2	TYPE 30 MK2
Woofer (honeycomb diaphragm)	5" (1.5" voice coil)	7" (1.5" voice coil)	7" (2" voice coil)	7" (2" voice coil)
Midrange (honeycomb diaphragm)	–	–	4" (1.25" voice coil)	4" (1.25" voice coil)
Tweeter	HEDD AMT	HEDD AMT	HEDD AMT	HEDD AMT
Crossover frequencies (48 db/oct)	2 500 Hz	2 300 Hz	250 / 3 200 Hz	250 / 3 200 Hz
Input analog / digital (AES)	1x / 1x XLR	1x / 1x XLR	1x / 1x XLR	1x / 1x XLR
Input impedance (balanced)	22 kΩ	22 kΩ	22 kΩ	22 kΩ
Input gain	± 12 dB	± 12 dB	± 12 dB	± 12 dB
Input sensitivity (A/D modulation)	-10 /-4 / 0 / +4 dB	-10 /-4 / 0 / +4 dB	-10 /-4 / 0 / +4 dB	-10 /-4 / 0 / +4 dB
Output: AES "through"	XLR	XLR	XLR	XLR
HEDD Lineariser®, disengageable, delay	10 ms	10 ms	10 ms	10 ms
Shelve filters high / low (.5 dB steps)	± 4 dB	± 4 dB	± 4 dB	± 4 dB
LF range (-3 dB): normal / extended / satellite	45 / 38 / 80 Hz	38 / 30 / 80 Hz	32 / 26 / 80 Hz	32 / 26 / 80 Hz
Desk filter: small / medium / large (180 Hz)	-1 / -2 / -4 dB	-1 / -2 / -4 dB	-1 / -2 / -4 dB	-1 / -2 / -4 dB
Frequency response (-3 dB)	45 - 40 000 Hz	38 - 40 000 Hz	32 - 40 000 Hz	32 - 40 000 Hz
Maximum SPL (per pair)	112 dB	116 dB	120 dB	125 dB
Power amplifier 110 - 240 V	2x 100 W	2x 100 W	3x 300 W	3x 300 W
AD/DA Conversion	96 kHz / 32 Bit	96 kHz / 32 Bit	96 kHz / 32 Bit	96 kHz / 32 Bit
Cabinet with satin lacquer finish	black or white	black or white	black or white	black or white
Dimensions in mm (H x W x D)	308 x 180 x 245	370 x 220 x 300	280 x 358 x 338	280 x 530 x 338
Weight	6.4 kg	9.9 kg	15.4 kg	21.5 kg
Warranty	2 years	2 years	2 years	2 years