HOPS8

2-way coherent point source, double 8" coaxial system, compact and versatile

The HOPS8 is a super-powerful, passive 2-way system optimised for permanent installations.

It offers an immense output-to-size ratio and 100° x 100° coverage. If you're looking to kit out a small to medium size venue where you're in need of high fidelity sonics and plenty of kick, HOPS8 is the box for you. These speakers can be used for sound reinforcement, for small clubs or they work great as under balcony fills in the theatre.

The HOPS8 has a double 8" coaxial system at its core, high power handling of 450 W, and a symmetrical coverage of 100°. At the heart of HOPS8 are its two super-smart drivers: one 8"/1.75" coaxial, and an additional LF driver. The 8" cone covers the 60-1500 Hz frequency range with extremely high efficiency and a silky smooth linear response. What's particularly clever is the design: two aluminium shorting rings reduce inter-modulation distortion, which minimises induction variation while reducing thermal compression at the same time. In a nutshell, it reduces the distortion massively at longer excursion levels, and in doing so, improves the overall sound quality, providing deep and punchy bass.

The high frequency driver contains an ultra-light 1.75" annular diaphragm which produces an exceptional transient response with very high efficiency from 1 kHz to 20 kHz. This new transducer was engineered to radiate a single source, coherent 100° wave front for superior dispersion control and pristine and transparent high fidelity sound. Together, they guarantee uniform coverage with perfect time alignment between the components.

HOPS8 is designed to work with dedicated CODA Audio LINUS6.4 amplifier as an integrated solution for DSP control, amplification, network remote control, and diagnostics. This integrated solution guarantees optimal performance as well as protection.

The perfect instlation loudspeaker, the HOPS8, is also available as HOPS8T mobile version.

HOPS8 Features

- Compact 2-way coherent point source optimised for permanent installations
- Frequency range: 60 Hz – 20 kHz (-6 dB)
- High power handling: 450 W (AES)
- Compact and versatile
- Wide coverage angle of 100° x 100°
- Superior sound quality
- Optimised for near-field applications
- High-output before feedback
- Ball impact resistant (DIN 18032-3)
- System integration with LINUS amplifiers
- Available as right or left version

CODA
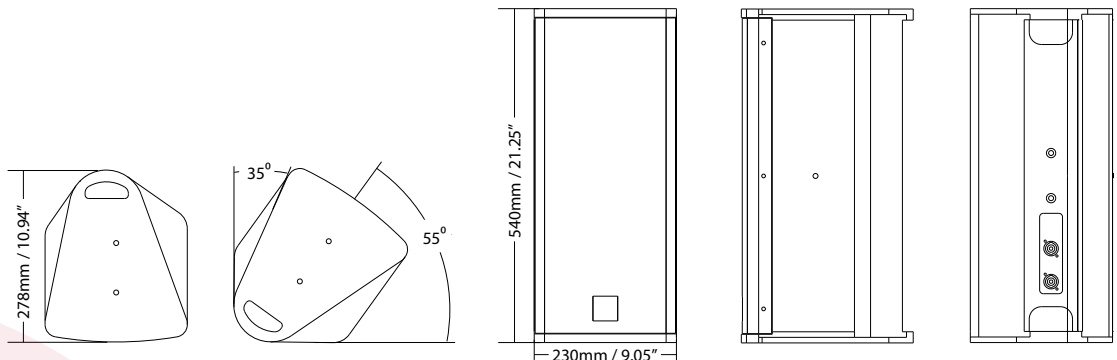C O D A   A U D I O

HOPS8 Data Sheet

Product type:	Compact 2-way high-output point source
Application:	Superior quality point source for near-field installations
Frequency response:	60 Hz – 20 kHz (-6 dB)
Power handling AES / peak (passive):	450 W / 1800 W
Sensitivity:	98 dB
Max. peak SPL:*	133.5 dB (A)*
Amplification, cabinets per amplifier (Optimum / Maximum):	LINUS5-C: 4/12 LINUS10-C: 8/16 LINUS 6.4 i/D (SE): 8/12 LINUS12C: 8/16 LINUS14/D: 8/16
Dispersion horizontal:	100° conical
Dispersion vertical:	N/A
Components Low frequency:	8" woofer, 2" (51 mm) VC, 225 W (AES)
Components Mid/High frequency:	8"/1.75" coaxial driver, Low: 2" (51 mm), 225 E (AES) High: 1.75" (44.4 mm) VC, 80 W (AES)
Crossover point:	1.5 kHz passive
Input connectors:	2x Neutrik™ NLT4MP
Nominal impedance LF / MF+HF:	8 Ω (1+/1-)
Enclosure material:	Birch Multiplex
Finish:	Polyurea black coating
IP rating options (IEC 60529):	IP54
Weatherproof protection options:	Standard IP55: IP55 (direct cable) MG1 (Marine Grade 1): IP55
Suspension:	M6 threaded points
Dimensions (WxHxD):	230 x 540 x 278 mm / 9.06 x 21.26 x 10.94"
Net weight:	12 kg / 26.46 lbs

*Measured with pink noise 12 dB crest factor (A-weighted).

Other HOPS8 System Products

U15-Sub
Compact Multipurpose
15" Subwoofer

ACCESSORIES
H8V / Visit www.codaaudio.com for
a full list of HOPS8 accessories

LINUS6.4
4-Channel Installation DSP Amplifier
with Loudspeaker Management

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