

HOPS8T



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Versatile dual 8" coaxial system, 450W, 100° conical CMS (Coda mobile suspension), flange adapter

- 2-way coherent point source
- Double 8" coaxial system
- Compact and versatile
- High power handling of 450 W (AES)
- Symmetrical coverage of 100°
- Superior sound quality
- Optimized for near-field applications
- High output before feedback
- System integration with LINUS amplifiers
- CMS (Coda mobile suspension) and flange adapter

- System components: LINUS10-C, LINUS5-C, G15-Sub, G18-Sub, U4

Description:

The HOPS8 is a passive 2-way system with an exceptionally high output-to-size ratio and wide coverage of 100° x 100°.

The cabinet contains an 8"/1.75" coaxial driver and an additional 8" low frequency driver.

The advanced design aligns the acoustical centres of the transducers to produce a single point source. This unique loudspeaker technology provides a coherent wave front without hot spots. Precise directivity ensures uniform coverage with perfect time alignment between the components.

State of the art drivers

At the heart of the HOPS8 is the new developed 8"/1.75" coaxial driver. The 8" cone covers the 60 - 1.500 Hz range with high efficiency and smooth, linear response. Two aluminum shorting rings reduce inter-modulation distortion; minimize induction variation while reducing thermal compression. This design dramatically reduces the distortion at longer excursion levels, and improves the overall

sound quality providing deep and punchy bass. The high frequency driver contains an ultra light 1.75" annular diaphragm providing 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 high fidelity sound.

Controlled dispersion at high SPL

In the low range both 8" drivers are overlapped increasing the maximum SPL of the system and providing an improved directivity control.

System solution

The HOPS8 is designed to work with dedicated Coda Audio LINUS5-C or LINUS10-C amplifiers as an integrated solution for DSP control, amplification, network remote control and diagnostics. The integrated solution ensures optimal performance and protection.

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Applications

HOPS8T for mobile applications is optimized for near field applications in small to medium venues where compact size, high output, superior dispersion control and high fidelity sound are required.

Ideal choice for corporate events, product presentations, exhibitions, small live reinforcement systems, DJs, stage monitor, front fill and more.

Options

Additional colours and weather protection options are available on request.

ACCESSORIES

HL8 Vertical L-Bracket for HOPS8T

TECHNICAL SPECIFICATIONS HOPS8T

Type	Ultra Compact 2-way full range versatile system
Application	Superior quality point source for near-field applications
Frequency response	60 Hz - 20 kHz (-6 dB)
Power handling AES	450 W
Peak power	1800 W
Sensitivity	98 dB*
Max. SPL peak	131 dB (with LINUS1-0C)
Dispersion	100° conical
Components	
Low frequency	8" woofer, 2" (51 mm) VC, 225 W (AES)
Mid/High frequency	8"/1.75" coaxial driver, Low: 2" (51 mm), High: 1.75" (44.4 mm) voice coil, 225 W + 80 W (AES)
Crossover	1.5 kHz passive
Nominal impedance	8 ?
Amplification	LINUS5-C** or LINUS10-C** (max. 3 enclosures 2,66 Ohms pro channel)
Input connectors	2x Neutrik™ NL4MP
Suspension HOPS8T	CMS (Coda mobile suspension) + flange adapter
Enclosure material	Birch plywood
Finish	Polyurea black coating (water resistant)
Dimensions (WxHxD)	230 x 540 x 270 mm
Net weight	12 kg
Weatherproof version	Optional

* Half-space loading

** In low SPL applications up to 4x HOPS8 per channel can be connected

