HOPS12T-Pro Data Sheet





The HOPS12T-Pro is a 3-way high-output point source system, perfect for mobile use. Its characteristics mean the speaker stuns and impresses with superior sound reinforcement at short and medium distances for corporate, sport and political events, small festivals, bands, mobile DJs, side fill in large systems and many more.

The full-range system is equipped with two 12" neodymium cone speakers and a dual annular ring diaphragm driver coaxial system, with 3.5"/1.75" voice coils. This meticulously designed technology covers the whole frequency range, from 44 Hz to 22 kHz (-6 dB), with perfect clarity. The unique shape and technical characteristics of CODA Audio's revolutionary ring-diaphragm drivers clearly distinguish them from conventional high-frequency compression drivers. They produce a consistent and phase-coherent wavefront and have audible and measurable advantages in terms of efficiency, dynamic range and distortion-free fidelity.

The power handling and sound pressure level have been smartly optimised by using CODA Audio's patented DAC Technology to reduce power compression in the loudspeaker. In this way, power handling, sound pressure level and dynamics are significantly increased and permanently maintained.
The HOPS12T-Pro features a 90° x 60° or 60° x 40° rotatable Instafit Magnetic Waveguide that can be easily adapted without tools.

A wide range of accessories give simple integration across a variety of applications. Accessories include fast mounting horizontal and vertical U-brackets, stand fitting adapter, quick lock flying frame and more.

With complementary subwoofers U4-Sub or SCP, the system's bandwidth can be expanded down to 25 Hz.

HOPS12T-Pro Features

- 3-way high-output point source optimised for mobile applications
- Dynamic Airflow Cooling (DAC) Technology
- Superior sound with linear phase response
- Frequency range: 44 Hz – 22 kHz (-6 dB)
- High power handling of 2000 W (AES)
- Max. SPL peak 144 dB
- Unique 1.4" mid/high coaxial ring-diaphragm neodymium driver
- Dual 12" neodymium ultra low distortion driver
- Rotatable and interchangeable Instafit Magnetic Waveguides: 90° x 60° or 60° x 40°
- Quick Release Grille
- CMS (CODA mobile suspension)
- Simple mounting with a range of accessories
- System integration with LINUS Loudspeaker Management Amplifiers

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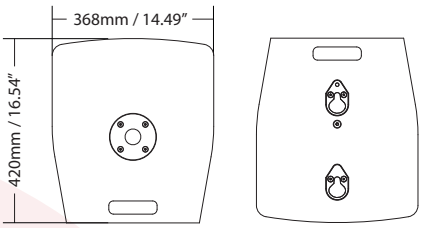
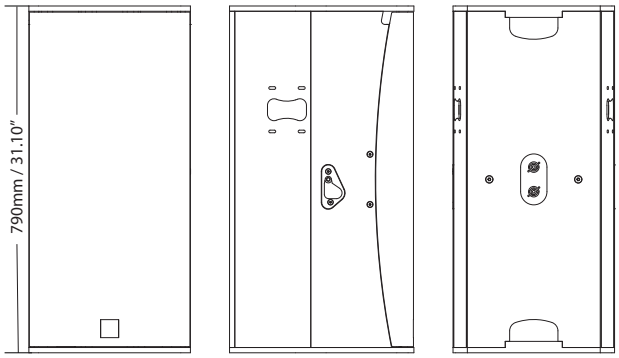
Product type:	High-output 3-way full-range point source for mobile applications
Frequency response:	44 Hz – 22 kHz (-6 dB)
Power handling AES / peak:	2000 W / 8000 W
Max. peak SPL (with LINUS14/D):*	HOPS12T-Pro 64: 144 dB (A) / HOPS12T-Pro 96: 142 dB (A)
Amplification, cabinets per amplifier (Optimum / Maximum):	LINUS 6.4 i/D (SE): 8/12 LINUS12C: 8/12 LINUS14/D: 8/12
Dispersion horizontal:	HOPS12T-Pro 64: 60° (rotatable) / HOPS12T-Pro 96: 90° (rotatable)
Dispersion vertical:	HOPS12T-Pro 64: 40° (rotatable) / HOPS12T-Pro: 60° (rotatable)
Components Low frequency:	2x 12" neodymium, water resistant cones, 4" (101 mm) VC, 1000 W (AES) each
Components Mid/High frequency:	1.4" neodymium coaxial driver MF: 3.5" (90 mm) VC, 150 W (AES) HF: 1.75" (44.4 mm) VC, 80 W (AES)
Crossover point:	3-way passive 440 Hz, 6300 Hz
Input connectors:	2x Neutrik™ NL4MP
Nominal impedance LF / MF+HF:	8 Ω (1+/1-)
Enclosure material:	Hybrid - birch plywood and aluminium
Finish:	Polyurea black coating (water resistant)
Suspension:	CMS + flange adapter, M8 threaded points for optional U-bracket
IP rating (IEC 60529):	Standard IP54
Weatherproof protection options:	Standard IP55 (direct cable) MG1 (Marine Grade 1): IP55
Dimensions (WxHxD):	368 x 790 x 420 mm / 14.49 x 31.1 x 16.54"
Net weight:	36.2 kg / 79.81 lbs

*Measured with pink noise 12 dB crest factor (A-weighted).
** In low SPL applications up to 4x HOPS12T-Pro per channel can be connected.

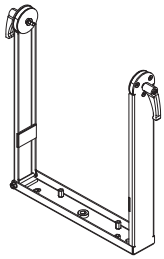




Other HOPS12T-Pro System Products



U4-Sub
High-Output Dual 18"
Multipurpose Subwoofer



ACCESSORIES
H12TV / Visit www.codaaudio.com for a full list of HOPS12T-Pro accessories



M-RACK
Compact 4-Channel
Mobile Rack

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