HYLE 12P

12" 2-Way Passive Speaker

When Audio-Video system integration goes through delivering premium sound quality throughout the entire audio spectrum and high sound pressure, it can only look at speakers with plywood housing, low-impedance systems, and selected transducers and crossovers. HELVIA knows very well what system integration professionals and users require: the answer is the new HYLE series, with passive 2-way vented speakers and power ratings from 360W to 1200W.
It features five models with woofers from 2x6.5" to 15". Compression drivers have voice coils from 1.35" to 1.75" and are mounted on symmetrical horns with constant directivity H90° x V60°. All models are made of eucalyptus plywood, a strong, durable and sustainable material. All are equipped with pole or tripod stand adapters with single 0° or double 0°-7° angle and have different handle arrangements as well as M6 or M8 mounting points, depending on size and weight.
We are essentially talking about speakers with established and functional architecture and technology, where only attention to details, reliability and durability can make a difference.

PRODUCT DETAILS

Key features

2-Way speaker, vented
860W Rated Power
8 ohm Impedance
123 dB Maximum Sound Pressure
Frequency Response 48 Hz-20 kHz
12” – 3.0” v.c. Woofer
1.35” v.c. Compression Driver
Crossover Frequency 2.5 kHz
H90° x V60° Symmetric Waveguide (rotatable)
Eucalyptus Plywood Housing
Speakon & Euroblock In/Link Out Connectors
12x M8 Fly points
36mm 0° -7° Pole Mount Adapter
2 handles (one on each side)

Specifications

Speaker Type	2-Way Passive Speaker
Frequency Response [- 10dB]	48 Hz-20 kHz
Sensitivity (1W @ 1m)	97 dB
Max SPL (PEAK)	123 dB
RMS Power	430 W
Program Power	860 W
Peak Power	1720 W
Impedance	8 ohms
HF Type	Compression Driver
HF voice coil	1"Exit - 1.35" Compression Driver
HF RMS Power	30W
AES / Program Power (see note)	60 W
Impedance	8 ohms
Crossover Frequency	2.5 kHz
Horn Type	Symmetric
Directivity (HxV)	H90°x V60°constant directivity horn
LF Type	Steel Frame / Ferrite Magnet Woofer
LF Diameter	12"
LF voice coil	3.0" Voice coil
LF AES / Program Power	800 W
Impedance	8 ohms
Input Connector	1 x 2-Poles Speakon connector
Output Connector	1 x 2-Poles Speakon connector
Input/Output Connector	1 x 4-Poles Phoenix connector
Housing material and thickness	15 mm Plywood
Painting	Anti-scratch painting, black
Grille material and thickness	steel/1.2 mm
Flyable	M6:4pcs M8: 12pcs
Handles	two (one on each side)
Pole Mount	36mm 0° - 7° pole mount adapter
Speaker Size (WxDxH)	350 x 330 x 607 mm (13.78 x 12.99 x 23.90 in)
Packing Size (WxDxH)	420 x 400 x 665 mm (16.53 x 15.75 x 26.18 in)
Speaker Weight	16.0 kg (35.27 lbs.)
Packing Weight	17.5 kg (38.58 lbs.)