

CLA416P

General Description

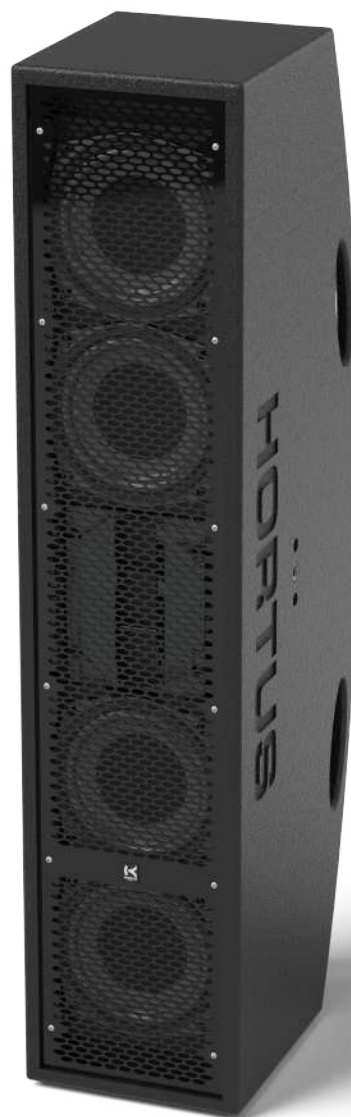
Specially designed for theater, cabaret / concert, multi-purpose halls, the **CLA416P** is a 2-way passive full-range loudspeaker that adapts to all spaces where sound quality and intelligibility (speech/singing, instruments) are essential. It features 4 bass-reflex loaded 6" neodyme woofers and a 1.4" compression driver.

Speaker Features

- 2-way column speaker
- Durable - high quality birch plywood enclosure
- Premium European components
- Designed and manufactured in France
- 127 dB cont SPL
- LF : 800 Watt AES
- HF : 80 Watt AES
- 100 Hz – 20000 Hz Frequency Range

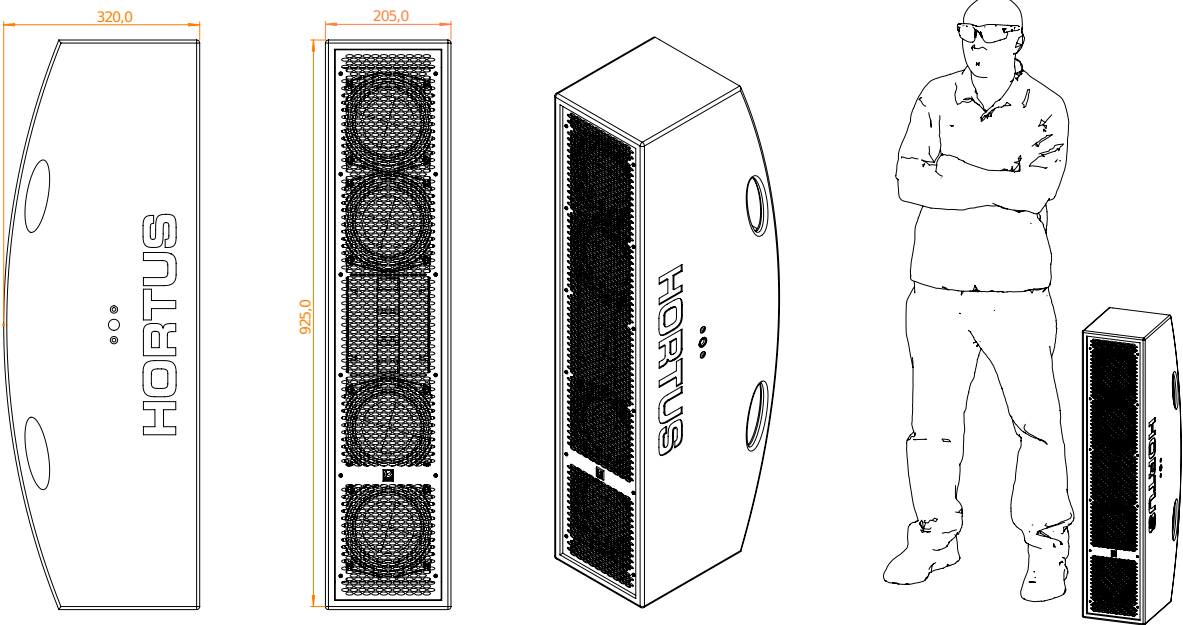
Applications

- Auditoriums & Concert Halls
- Theaters
- Nightclubs & Lounges



TECHNICAL SPECIFICATIONS

<i>Acoustical specifications</i>	Frequency Response (-6 dB)	100 Hz - 20 kHz
	Max SPL @ 1m ¹	127 dB nominal, 139 dB peak
	Horizontal coverage angle ¹ (-6 dB)	100°
	Vertical coverage angle (-6 dB)	25°
	Recommended High-Pass Filter	80Hz BW4
<i>Electrical specifications</i>	Nominal Impedance	8 Ω
	AES Power handling	880W
	Connectors	In&Out: SpeakON® NL4
<i>Transducers</i>	LF	4 × 6” Bass-reflex loaded neodyme driver
	HF	1 × 1.4” compression driver
<i>Physical specifications</i>	Rigging	2 x M10 threaded inserts (lateral) 4 x M6 threaded inserts (back)
	Handling	4 x handles machined in material
	Weight (net)	21kg
	Height × Width × Depth	925 × 205 × 320mm
	Cabinet	18mm baltic birch wood
	Finish	Varnished or Finished polyurethane paint



¹Nominal and peak level at 1 meter under 2π conditions using pink noise with crest factor 4. Data from FEA simulation
²Average value in frequency range: 1÷16 KHz