

10" Fixed-Installation Speaker

FEATURES

- Compact form-factor
- Premium European high-efficiency custom IDEA transducers
- Dedicated passive filter
- 8 Ohm Passive
- Dual Neutrik NL-4 connectors
- Rugged 15 mm birch plywood construction and finish
- Durable Aquaforce paint, available in standard textured black or white
- Optional RAL colors on demand



APPLICATIONS

- A/V portable and installed sound reinforcement
- Mobile entertainers and voice reinforcement
- FG/BG music reproduction in distributed audio installed solutions
- Commercial and High Power Domestic applications

OVERVIEW

LUA10i is, out of the box, a true power-density delight, providing unexpectedly deep LF response with no additional adjustments or DSP processing required. **LUA10i** features a variety of options for wall-mount configurations with dedicated installation accessories, as well as a pole mount for AV portable applications. **LUA10i** clearly represents a boost on the qualities of **LUA10** and greater (almost doubled) output power packaged into a trapezoidal enclosure.

Featuring premium European high-efficiency transducers, **LUA10i** HF assembly integrates a 1,75" compression driver coupled with a asymmetrical (80°H/60°V) horn and the LF section features a 400 W 10" woofer with a front firing port. A dedicated, specially designed passive crossover maximizes the electroacoustic performance of the transducers and delivers a balanced, coherent response from 50 Hz with an optimum full-range audio reproduction with no additional processing.

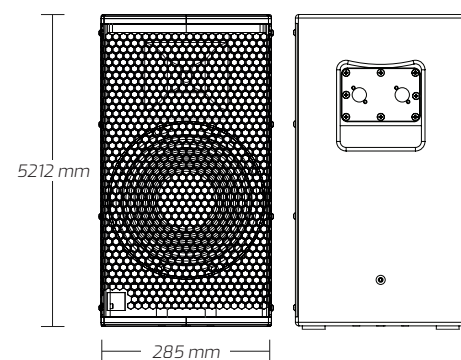
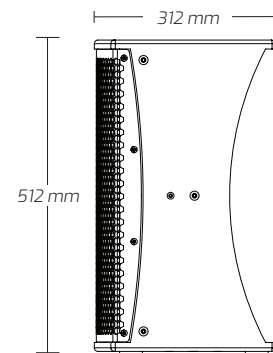
The NL-4 connectors rear panel is housed within the handle space, protecting the connexions and allowing for installing the loudspeaker closer to the walls.

The excellent power-to size ratio, the high-quality audio reproduction and the stylish design cabinet with enduring finish makes it a perfect solution for permanent installations, A/V and mobile applications. Both as full-range close-field FGM or BGM in open spaces or medium to large rooms, **LUA10i** provides sufficient LF response without subwoofer reinforcement adding optimized performance-to-investment value.



TECHNICAL DATA

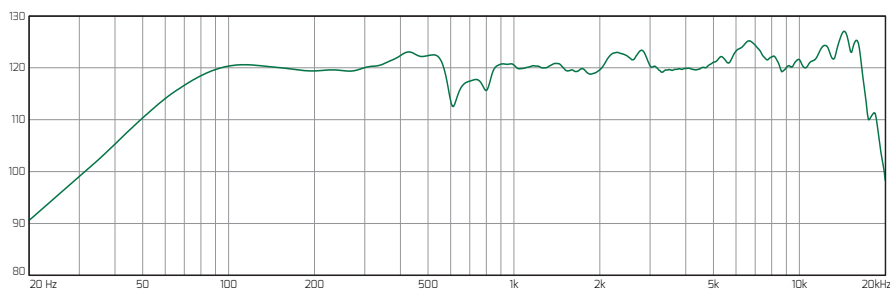
Enclosure design	Rectangular
HF Transducer	1 x 1.75" Compression Driver
LF Transducer	1 x 10" Woofer
Power Handling (RMS)	400 W
Nominal Impedance	8 Ohm
SPL (Continuous/Peak)	119/125 dB SPL
Frequency Range (-10 dB)	50 - 18000 Hz
Frequency Range (-3 dB)	75 - 17000 Hz
Coverage	80° x 60° (H/V)
Dimensions (WxHxD)	285 x 512 x 312 mm (11.2 x 20.2 x 12.3 in)
Weight	17.4 kg (38.4 lb)
Connectors	2 x Neutrik speakOn NL-4 in parallel
+/-1	Input
+/-2	Link
Cabinet Construction	15 mm Birch Plywood
Grille	1.5 mm perforated weatherised steel with protective foam
Finish	Durable IDEA proprietary Aquaforce high-resistance paint coating process
Handles	1 integrated rear handle
Feet	4 rubber feet
Installation	10 x threaded M8 inserts, 36 mm pole cup
Accessories	Vertical U-Bracket (UB-L10i-V) Horizontal U-Bracket (UB-L10i-H) 35 mm Pole (K&M-21336)



ACOUSTICAL MEASUREMENTS

FREQUENCY RESPONSE

dB SPL

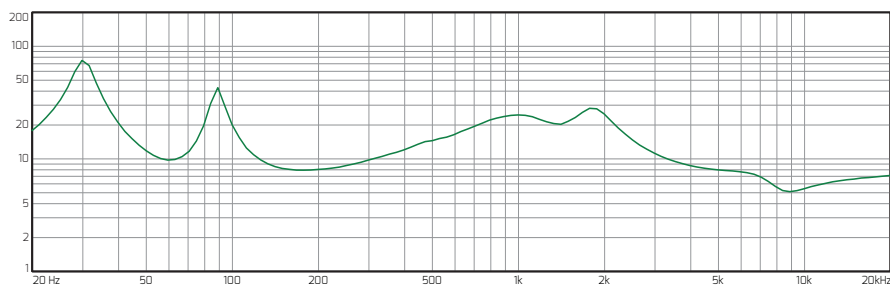


This graph shows the frequency response for a 1-watt swept sine signal in an anechoic environment (4pi), measured at 3 m and scaled down at 1 m.

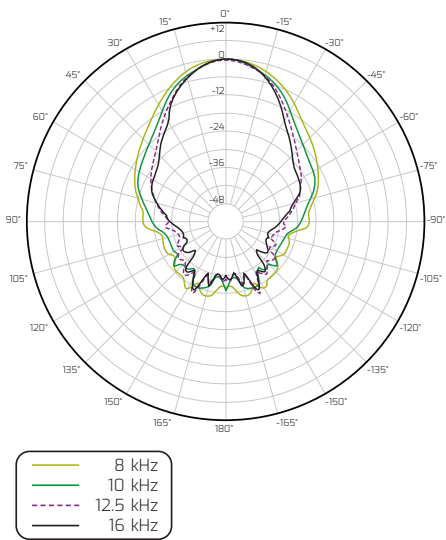
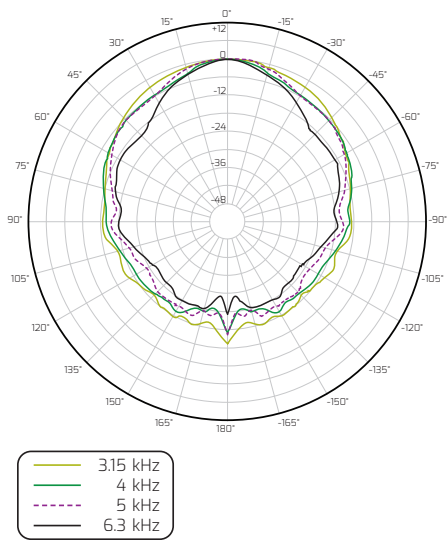
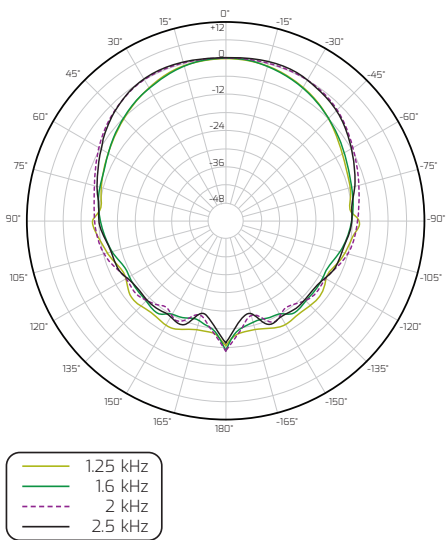
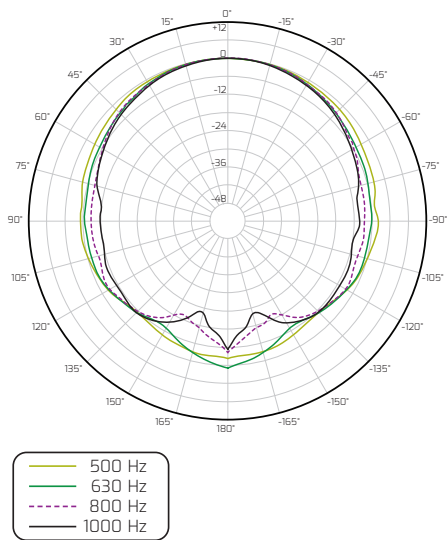
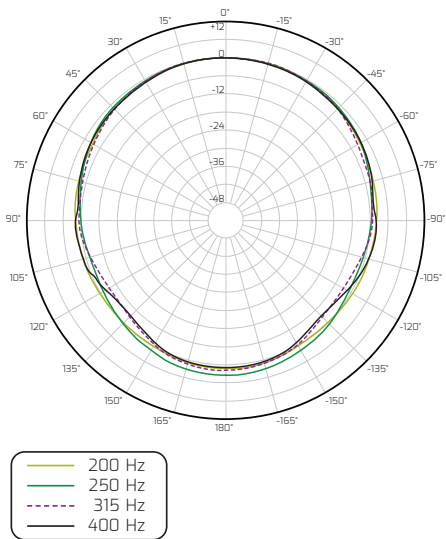
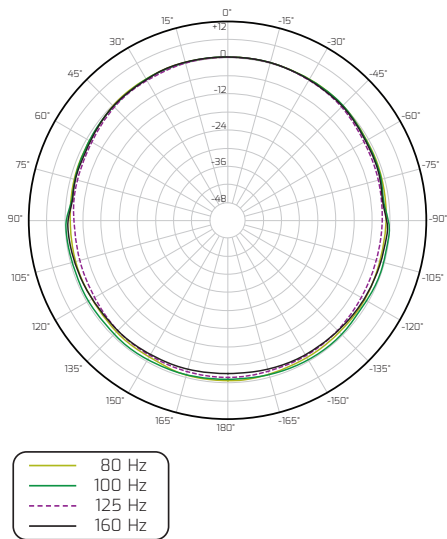
In order to provide more precise information for acoustical analysis, a 1/12 octave smoothing has been applied.

IMPEDANCE

Ohm



HORIZONTAL 1/3 OCTAVE POLARS



VERTICAL 1/3 OCTAVE POLARS

