

2-Way Passive Mini-Monitor

FEATURES

- Exclusive, stylish design
- Premium European High Efficiency custom IDEA transducers and passive crossover boards
- IDEA proprietary axisymmetric coherent spherical wave-front HF assembly
- Side-firing bass-reflex port
- 16 Ohm Passive
- Dual Neutrik NL4 connectors
- Rugged and durable 15/18 mm birch plywood construction and finish
- Weatherized Aquaforce paint, available in standard textured black or white optional RAL colors (on demand)
- Rugged and durable 15/18 mm birch plywood construction and finish
- 1.5 mm Aquaforce coated steel grille with internal protective foam
- 36 mm Pole mount cup + dedicated Installation accessory/Bracket



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

The stylish, compact 2-way passive monitor **LUA5** has been conceived for those applications where high power-density with excellent quality audio reproduction with optimum, unobtrusive integration is required.

LUA5 combines the smaller version of the IDEA proprietary HF waveguide assembly (coupled with a 120-mm magnet, 1.4" exit compression driver) with a high performance 5" woofer, in a very densely filled compact cabinet.

This unusual configuration allows for great attenuation of the HF way, that delivers pristine audio clarity at any level with minimum distortion, making the **LUA5** a pleasure to listen to, due to the excellent definition of the HF section and the natural fast and controlled transient response of the 5" IDEA LF woofer, which is one of most powerful drivers of its kind available in the market today. A side port has been integrated in the cabinet for full-range response, extending LF down to 85 Hz.

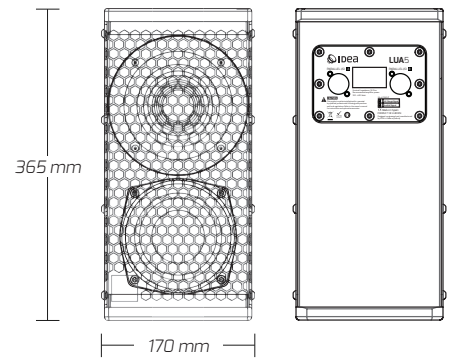
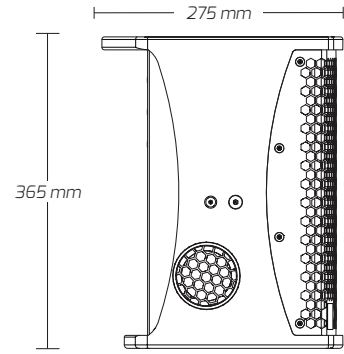
The design goal of **LUA5** is to tightly package the SPL of conventional 8" or even 10" in a cabinet compact enough to be easily transported in mobile and portable sound reinforcement applications and to be discreet and elegant in any installation project, while using the same kind of materials and finish that are found in the Touring Sound larger loudspeaker systems of the IDEA product portfolio.

Entertainers, musicians and DJs benefit from the advantages of such power-density, as much as AV rental companies, just like premium installations and AV/Multimedia facilities find an excellent choice for superior audio reproduction in the tiny, refined and powerful **LUA5**.



TECHNICAL DATA

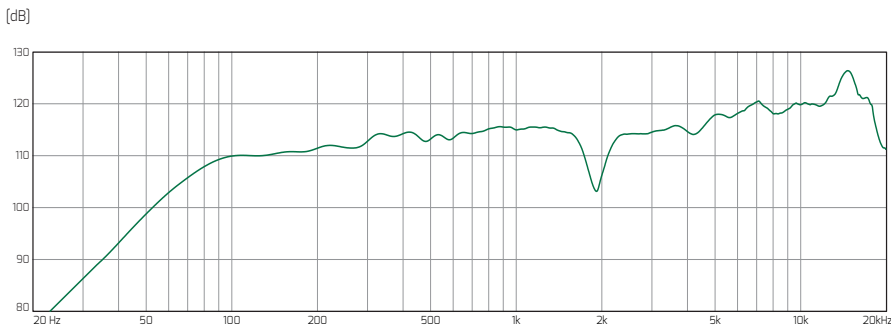
Enclosure design	Trapezoidal · Bass-Reflex
LF Transducers	1 x 5" High performance woofer
HF Transducers	1.75" voice coil Compression Driver (1.4 Exit, 120 mm magnet)
RMS Power Handling *	200 W
Nominal Impedance	16 Ohm
SPL (Continuous/Peak)	116/122 dB SPL
Frequency Range (-10 dB)	50 - 20000 Hz
Frequency Range (-3 dB)	75 - 19000 Hz
Coverage	80° Axisymmetric
Dimensions (WxHxD)	170 x 365 x 275 mm (6.7 x 14.4 x 10.8 inch)
Weight	9 kg (19.8 lbs)
Connectors	2 x Neutrik speakON® NL-4 in parallel
+/-1	Input
+/-2	Link
Cabinet Construction	15 + 18 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 handle
Installation	Bottom 36 mm pole mount socket Optional U-Bracket wall-mount Accessories
Accessories	Wall mount accessory (WM) 35 mm Pole (K&M-21338) 35 mm Tripod (K&M-21302)



* IEC filtered pink noise with a 6dB crest factor, 2 hours

ACOUSTICAL MEASUREMENTS

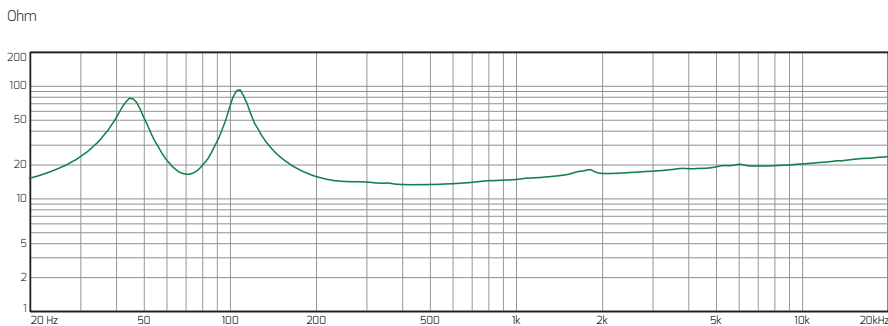
FREQUENCY RESPONSE



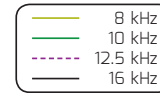
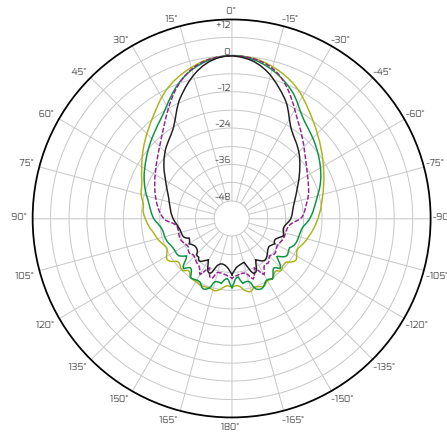
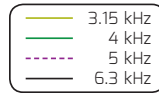
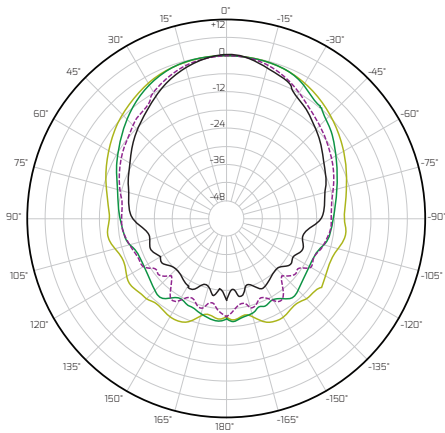
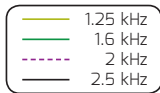
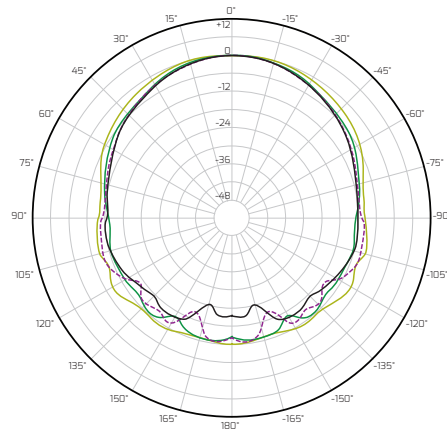
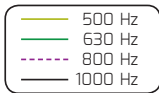
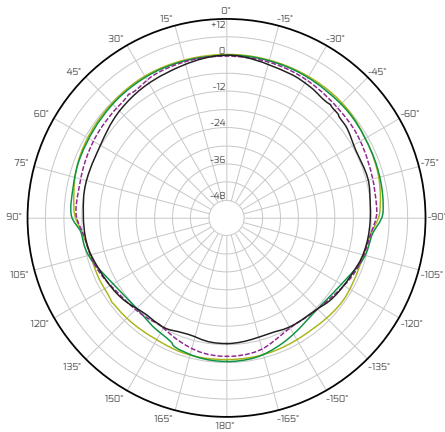
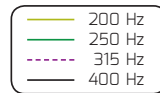
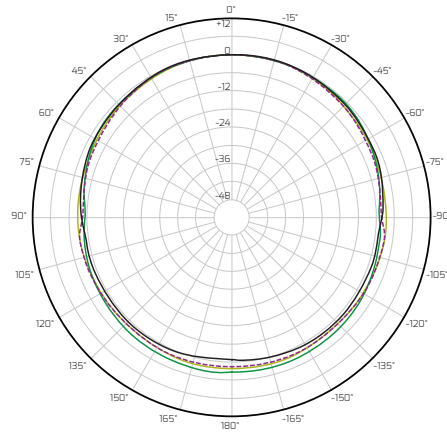
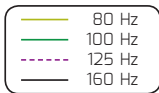
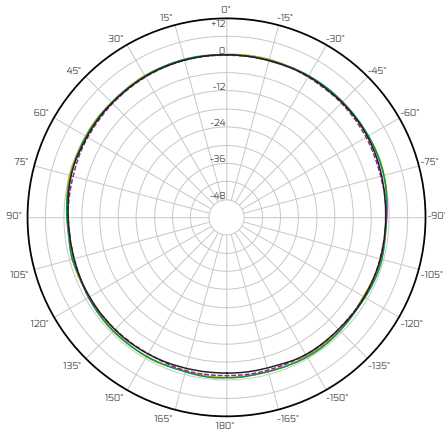
This graph shows the frequency response for a 1-watt swept sine signal in an anechoic environment (4pi), measured at 3 m and scaled down at 1 m.

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

IMPEDANCE



HORIZONTAL 1/3 OCTAVE POLARS



VERTICAL 1/3 OCTAVE POLARS

