

# EX066-A



## Active Multipurpose High-Output Mini Monitor

### FEATURES

- Exclusive, stylish design
- Very high power-density
- 1.2 kW Class-D power module
- Integrated 24-bit @48kHz DPS with 4 selectable presets
- Dual 6.5" [Coaxial and LF Woofer] Premium European custom IDEA transducers
- Neutrik PowerCON and XLR connectors
- Durable 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 and dedicated installation and rigging accessories



### APPLICATIONS

- Very compact portable professional sound reinforcement system
- A/V portable and installed sound reinforcement
- Mobile entertainers and voice reinforcement
- FG/BG music reproduction in distributed audio installed solutions

### OVERVIEW

**EX066-A** is a compact multipurpose active mini monitor conceived for those applications in which high power-density with superior quality audio reproduction and optimum, unobtrusive integration are required.

The design goal of **EX066-A** is to tightly package the SPL of standard 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 (RAL colors available on demand), while using the same materials and finish that are found in the Touring Sound larger loudspeaker systems of the IDEA product portfolio.

**EX066-A** features a 6.5" Coaxial and a high performance 6.5" woofer, in a very tight, compact rear-ported cabinet. This configuration delivers pristine audio clarity at any level with minimum distortion, making the **EX066-A** a pleasure to listen to, due to the excellent definition of the HF section and the natural fast and controlled transient response of the custom 6.5" IDEA LF woofers, which are some of the most powerful transducers of its kind available in the market today.

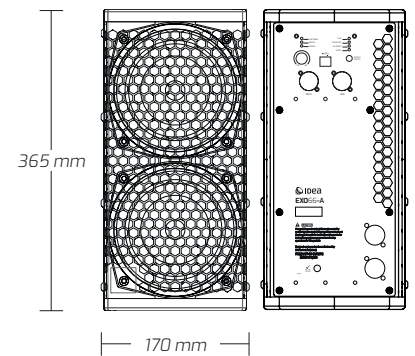
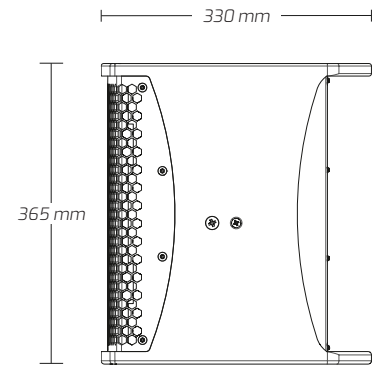
**EX066-A** integrates a Class-D dual-channel 1.2 kW power module and 24-bit DSP with 4 selectable presets. This high efficiency, low consumption power module features PFC (Power Factor Correction) for worldwide operation and error proof connection to mains voltage. The rear panel features a rotary gain control, balanced audio input and output XLR and PowerCON connections, led activity indicators and a select pushbutton to toggle between the 4 preloaded presets.

Together with **BASSO24t-A** or **BASSO18-A**, **EX066-A** will turn into a really versatile, powerful multipurpose combo for a variety of applications. 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 **EX066-A**.



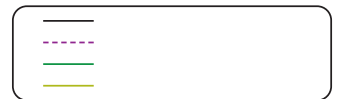
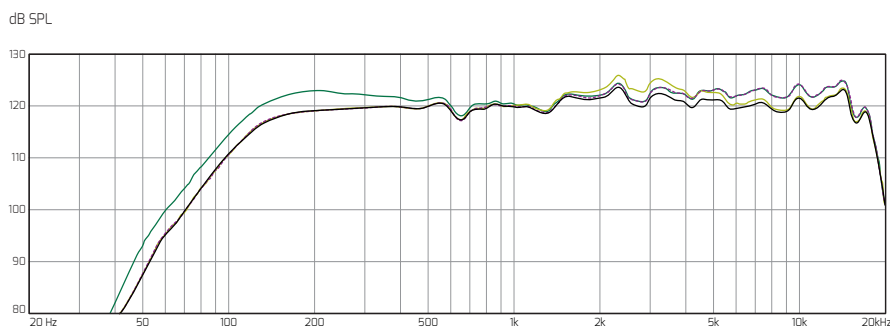
## TECHNICAL DATA

Enclosure design	Rectangular
Transducer configuration	High Power 6.5" woofer High Power 6.5" + 1.75" Compression Driver
Class D Amp Cont. Power	1.2 kW
DSP	24bit @ 48kHz AD/DA - 4 selectable presets: Preset 1 - Flat Preset 2 - 120Hz HPF Preset 3 - HF Boost Preset 4 - Vocal
SPL (Continuous/Peak)	121/127 dB SPL
Frequency Range (-10 dB)	95 - 19000 Hz
Frequency Range (-3 dB)	135 - 18000 Hz
Coverage	75°/75° (H/V)
Dimensions (WxHxD)	170 x 365 x 330 mm (6.7 x 14.4 x 13 inch)
Weight	13.6 kg (30 lb)
Audio Connectors	2 x Neutrik XLR I/O
AC Connectors	2 x Neutrik powerCON® I/O
Cabinet Construction	15 mm Birch Plywood
Grille	1.5 mm weatherised steel with protective foam
Finish	Durable high resistance paint coating process
Handles	2 integrated handles
Installation	Bottom 36 mm pole mount socket
Accessories	U-bracket vertical (UB-E66-V) U-bracket horizontal (UB-E66-H) Pole (K&M-21336)



## ACOUSTICAL MEASUREMENTS

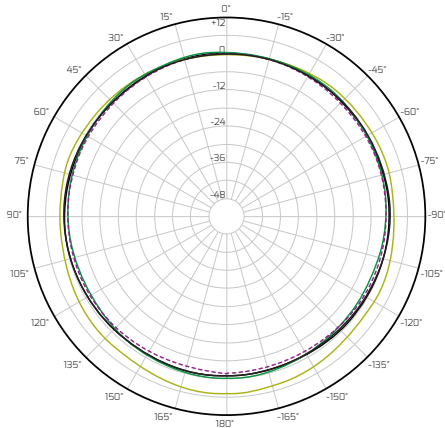
### FREQUENCY RESPONSE



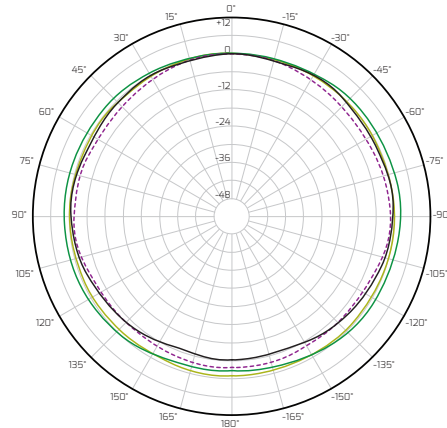
This graph shows the frequency response for a 1-watt swept sine signal in an anechoic environment (4π), measured at 3m and scaled down at 1 m.

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

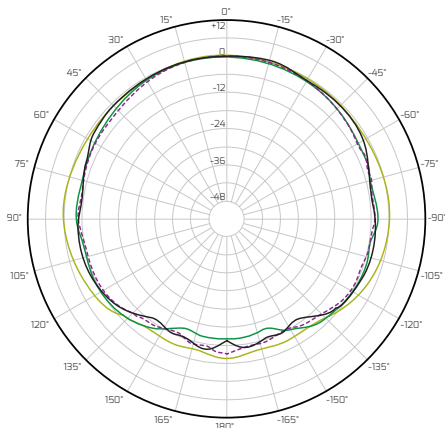
# HORIZONTAL 1/3 OCTAVE POLARS



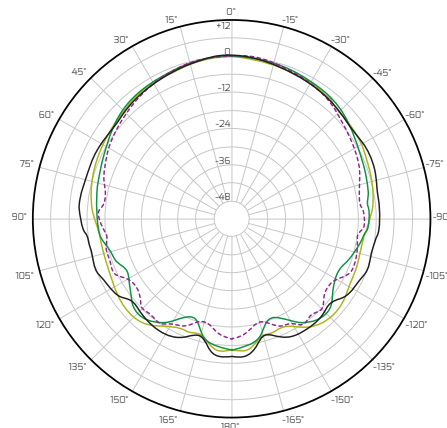
- 80 Hz
- 100 Hz
- - - 125 Hz
- 160 Hz



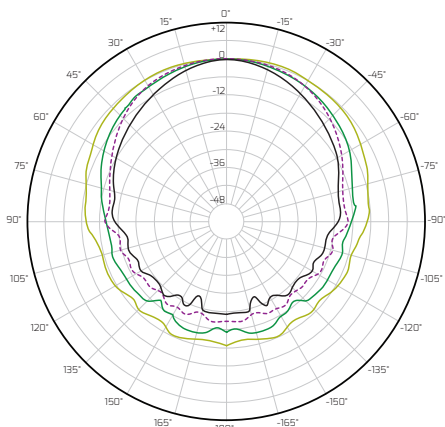
- 200 Hz
- 250 Hz
- - - 315 Hz
- 400 Hz



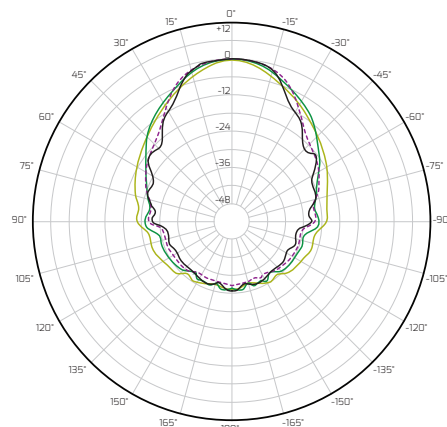
- 500 Hz
- 630 Hz
- - - 800 Hz
- 1000 Hz



- 1.25 kHz
- 1.6 kHz
- - - 2 kHz
- 2.5 kHz



- 3.15 kHz
- 4 kHz
- - - 5 kHz
- 6.3 kHz



- 8 kHz
- 10 kHz
- - - 12.5 kHz
- 16 kHz

VERTICAL 1/3 OCTAVE POLARS

