



112P

SELF-POWERED COAXIAL ENCLOSURE

The **112P** is the versatile model within the L-ACOUSTICS® self powered coaxial P series. The enclosure operates over a frequency bandwidth from 50 Hz to 20 kHz which can be lowered to 40 Hz with the addition of the recommended SB15P self-powered subwoofer.

The 112P enclosure contains a passive coaxial configuration consisting of a 3" diaphragm compression driver loaded onto a 12" low frequency transducer integrated into a compact low profile bass-reflex tuned enclosure. This coaxial transducer arrangement produces a 90° axi-symmetric directivity output along with a smooth tonal response free of secondary lobes over the entire frequency range, resulting in exceptional immunity to feedback especially in monitoring situations.

The system contains a speaker management DSP and a single channel power amplification module. The DSP manages the system crossover network, driver time alignment, and dual protection of the loudspeaker components. The unique linearization drive characteristic of the transducers is a result of comprehensive parameter management functions by the DSP.

Made of high-grade Baltic birch plywood, the cabinet design makes the 112P perfectly suited to all multi-purpose sound reinforcement applications. Its wedge-shape allows monitoring use with a fixed angle settings of 30° from vertical. The 112P can also be pole-mounted using the integrated socket or flown using the complementary ETRI2-2 bracket or XTLIFTBAR accessory.

The 112P enclosure is DSP-optimized for 4 different presets:

- The [FRONT] preset for main FOH system applications
- The [FILL] preset for distributed or complementary system applications
- The [MONITOR] preset for stage monitor applications
- The [XOVER] preset for use with the SB15P compact subwoofer.

The performance of the 112P enclosure depends upon the choice of preset and physical configuration of the system.



Usable bandwidth (-10dB)	50 Hz - 20 kHz ([FRONT] preset)
Nominal directivity (-6dB)	90° Axi-symmetric
Maximum SPL¹	131 dB ([FILL] preset)
Components	LF: 1 x 12" transducer mounted in a bass-reflex enclosure HF: 1 x 3" diaphragm compression driver
Electrical specifications	Input stage: balanced, max level of +12 dBu (at 0 dB setting) DSP: 24 bit/48 kHz Amplifier power rating: 1000 W, 8 ohms
Physical data	H x W x D: 540 x 410 x 390 mm - 21.3 x 16.1 x 15.4 in Wedge angle: 30° from vertical Weight (net): 32 kg - 70.5 lb. Connectors: 2 x XLR in parallel, 2 x Powercon® 120 or 230 V selectable by switch Material: 18, 24 and 30 mm Baltic birch plywood Finish: dark grey brown Pantone® 426C Pure white RAL® 9010 Front: polyester powder-coated steel grill, acoustically transparent Airnet® cloth Rigging: integrated pole mount socket, optional ETRI2-2 bracket and XTLIFTBAR accessory

¹ Peak level measured at 1m under free field conditions using 10 dB crest factor pink noise with specified preset and corresponding EQ settings.

