12XT
COAXIAL ENCLOSURE

The **12XT** active/passive cabinet is the mid sized model of the L-ACOUSTICS® XT coaxial series and has an operating frequency bandwidth of 55 Hz to 20 kHz. This response can be lowered to 32 Hz with the addition of the SB18 subwoofer.

The 12XT enclosure contains a 3'' diaphragm compression driver coaxially loaded by a 12'' low frequency transducer mounted in a bass-reflex tuned enclosure. In passive configuration, the 12XT onboard crossover network uses proprietary third order filters. The linearization and protection of the transducers is defined by the drive parameters contained in the amplified controllers.

The coaxial transducer arrangement produces a 90° axi-symmetric directivity output along with a smooth tonal response free of any secondary lobes over the entire frequency range.
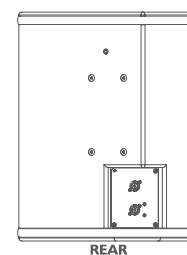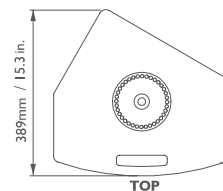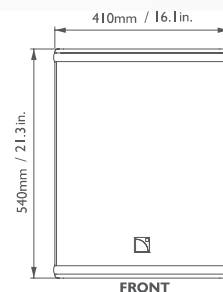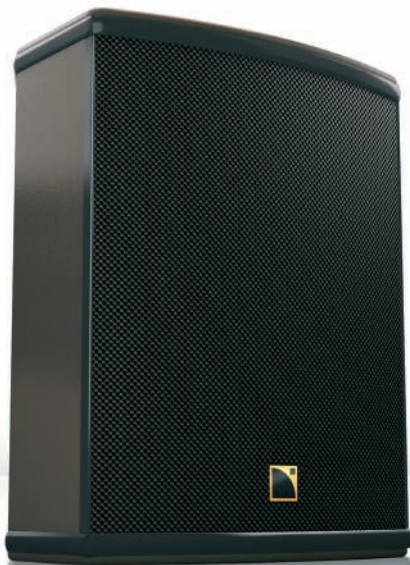
Made of high-grade Baltic birch plywood, the cabinet design makes the 12XT perfectly suited to all multi-purpose sound reinforcement applications. Its wedge-shape allows short or long throw monitoring use with two fixed angle settings of 30° and 60° from vertical. The 12XT can also be pole-mounted using the integrated socket or flown using the complementary ETR12-2 bracket, XTLIFTBAR accessory or a 3rd party Omnimount® fixture.

The 12XT is driven by the L-ACOUSTICS® amplified controllers in the following active or passive modes (selectable by an active/passive switch behind the front grill):

- "FULL RANGE" mode for standalone use of 12XT at nominal bandwidth ([12XTA_FR], [12XTA_FI], [12XTA_MO], [12XTP_FR], [12XTP_FI] and [12XTP_MO] presets)

- "HIGH-PASS" mode with 100 Hz high-pass filter to possibly associate the complementary SB18 subwoofer (same presets as above with "_100" extension)

For each mode a distinction is drawn between [FRONT], [FILL] and [MONITOR] presets as they respectively match front of house, distributed applications and half-space loading operating conditions.

The performances of the 12XT enclosure depend upon the choice of preset and physical system configuration.

COAXIAL
TECHNOLOGY

LA4-LA8
DRIVEN

Usable bandwidth (-10dB)	55 Hz - 20 kHz ([12XTA_FR] preset)
Nominal directivity (-6dB)	90° Axi-symmetric
Maximum SPL[1]	133 dB ([12XTA_FI] preset)
RMS handling capacity	12XT Passive: 380 W ([12XTP_FI] preset) 12XT Active: LF: 290 W - HF: 135 W ([12XTA_FI] preset)
Components	LF: 1 x 12'' weather-resistant transducer HF: 1 x 3'' diaphragm compression driver Nominal impedance: 8 ohms (passive), 2 x 8 ohms (active)
Physical data	H x W x D: 540 x 410 x 389 mm - 21.3 x 16.1 x 15.3 in. Wedge angle: 30° or 60° from vertical Weight (net): 29 kg - 63.9 lb. Connectors: 2 x 4-point Speakon® Material: 18, 24 and 30 mm Baltic birch plywood Finish: Grey-brown RAL 8019® Front: polyester-powder coated steel grill, acoustically transparent Airnet® cloth Rigging: integrated handles and pole mount socket, Omnimount® compatibility, optional ETR12-2 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.

410mm / 16.1 in.

540mm / 21.3 in.

FRONT

389mm / 15.3 in.

TOP

REAR

12XT_SP_EN_4.2/12-10