XT
COAXIAL SERIES

The L-ACOUSTICS® XT series offers a range of four coaxial enclosures with distinct formats, SPL capabilities and coverage angles. Intended for rental productions and fixed installations, the XT series delivers remarkable acoustic properties for various short-throw applications, including FOH systems, distributed systems, side-fill monitors, stage monitors and complementary fills.

The XT system components are as follows:

- 5XT, passive ultra-compact enclosure, 110° axi-symmetric, 95Hz to 20kHz;
- 8XT, passive compact enclosure, 100° axi-symmetric, 65Hz to 20kHz;
- 12XT, active / passive enclosure, 90° axi-symmetric, 55Hz to 20kHz;
- 115XT HiQ, active floor monitor, 50° axi-symmetric, 50Hz to 20kHz;
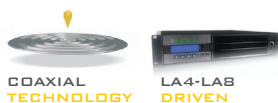- LA4 and LA8 amplified controllers.

An XT coaxial enclosure constitutes a real point source and offers total wave front coherence within its beam width: linear phase response, no lobing, no comb filtering, smooth coverage transition over frequency, no minimum listening distance, and constant tonal balance over distance. The XT sound quality is worthy of studio monitor performances and listeners can experience a natural and transparent aural sensation.

By providing high SPL, various beam widths and even sonic performance off-axis, the XT technology allows an extensive coverage with few elements and is suited to various sound reinforcement applications as a main or complementary system. Thanks to quality of the direct field off-axis, reverberation does not spoil the sonic properties of XT sound sources. In distributed applications, listeners will benefit from the near field coherency of the enclosure, and an excellent directivity control allows XT sources to be precisely aligned, avoiding cross-cancellation in the HF/MF region. This directivity control, along with the absence of lobes, also provides high feedback immunity for monitoring applications. With a remarkable vocal presence, a clear sound and a smooth radiation pattern, the artist will enjoy performing with the XT enclosures as monitors.

XT enclosures are easy to integrate. More compact than classic 2-way enclosures, they preserve sightlines. The axi-symmetrical directivity allows them to be set horizontally or vertically equally. Mounting is quick and easy due to hardware which ensures precision, safety and full compatibility with rigging standards. The wedge shape of cabinets allows floor monitoring applications. Any XT configuration can be acoustically and mechanically modeled with L-ACOUSTICS® SOUNDVISION 3D simulation software.

COAXIAL
TECHNOLOGY

LA4-LA8
DRIVEN

The LA4 and LA8 amplified controllers and their preset libraries constitute an extremely advanced and precise drive system for the XT enclosures. All L-ACOUSTICS® amplified controllers feature the L-DRIVE, a thermal and over-excursion protection circuit.

Up to 253 LA8 amplified controllers can be connected together via the Ethernet-based L-NET protocol. The LA NETWORK MANAGER software allows online remote online control and monitoring of all the connected units, via a user-friendly and intuitive graphic interface.

SYSTEM COMPONENTS

5XT[1]

2 way ultra-compact passive enclosure.

8XT[1]

2 way compact passive enclosure.

12XT[1]

2 way active/passive enclosure.

115XT HiQ[1]

2 way active enclosure.

LA4/LA8/LA NETWORK MANAGER[1]

Amplified controllers with DSP
library and networking capabilities
Remote control and monitoring software.

ETR5, ETR8-2, ETR12-2 AND ETR15-2

Rigging brackets for 5XT,
8XT, 12XT and 115XT HiQ.

XTLIFTBAR

Flying accessory for flying 12XT and 115XT HiQ.

SOUNDVISION

3D acoustic and mechanical simulation software
dedicated to L-ACOUSTICS® products.

1. See product spec sheet for more details.

CONFIGURATIONS

STANDALONE XT COAXIAL

Deployed in a standalone configuration, an XT system operates
over the nominal bandwidth of the enclosure.
A single LA4 can drive up to sixteen 5XT, eight 8XT, four 12XT
or two 115 XTHiQ. A single LA8 can drive up to twenty-four 5XT,
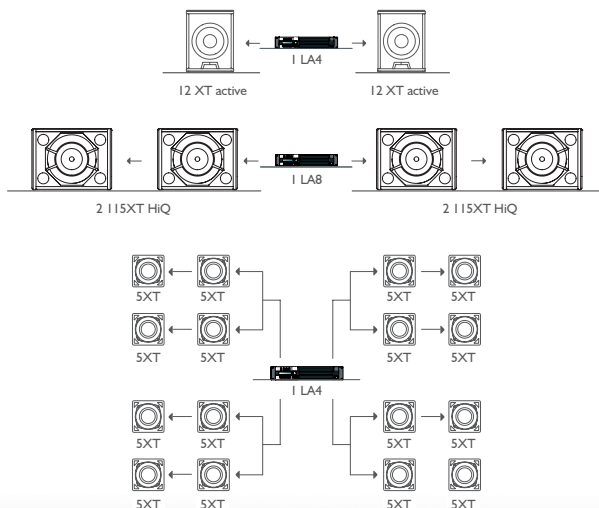twelve 8XT, eight 12XT or four 115 XT HiQ.

Presets:

FOH system ▶ [✔ XT_FR]

Distributed or fill system ▶ [✔ XT_FI]

Monitoring system ▶ [✔ XT_MO]

Multipurpose for 5XT ▶ [5XT]

XT COAXIAL + SB SUBWOOFER

Deployed with SB subwoofers, an XT system operates with an
extended bandwidth and a reinforced LF contour.
The maximum number of enclosures per LA amplified controllers
depends upon the XT and SB enclosure models.

Presets:

XT system + SB ▶ [✔ XT_ ✔✔_100] + [SB ✔✔_100]

5XT enclosure with SB15m subwoofer ▶ [5XT] + [SB15_100]

12 XT active — 1 LA4 — 12 XT active

2 115XT HiQ — 1 LA8 — 2 115XT HiQ

5XT 5XT / 5XT 5XT — 1 LA4 — 5XT 5XT / 5XT 5XT
5XT 5XT / 5XT 5XT — 5XT 5XT / 5XT 5XT

12 XT passive — 1 LA4 — 12 XT passive

1 SB18 — 1 SB18

12XT passive — 1 LA4 — 12XT passive

1 SB15m — 1 SB15m