

5XT ULTRA COMPACT ENCLOSURE



- Exceptional output-to-size ratio
- Wide directivity with consistent off-axis response
- Simple integration
- High density per amplifier channel



ELECTRO-ACOUSTICS



5XT is an ultra-compact coaxial system designed for short throw sound reinforcement applications requiring minimum visual impact. 5XT features a 1" diaphragm compression driver coaxially loaded by a 5" low-mid frequency transducer mounted in a bass-reflex cabinet.

5XT operates from 95 Hz to 20 kHz. The coaxial transducer arrangement produces a 110° axisymmetric directivity output with a smooth tonal response free of secondary lobes over the entire frequency range.

The internal passive crossover network uses custom filters. The L-Acoustics amplified controllers L-Drive parameters ensure the linearization and protection of the transducers.

PHYSICAL

5XT cabinet is made of first grade Baltic birch plywood to ensure maximum acoustical and mechanical integrity. It weighs 3.5 kg and its ultra-compact size makes for an easy integration in any situation.

An optional white or RAL architectural program allows 5XT to blend into the architecture of a venue.

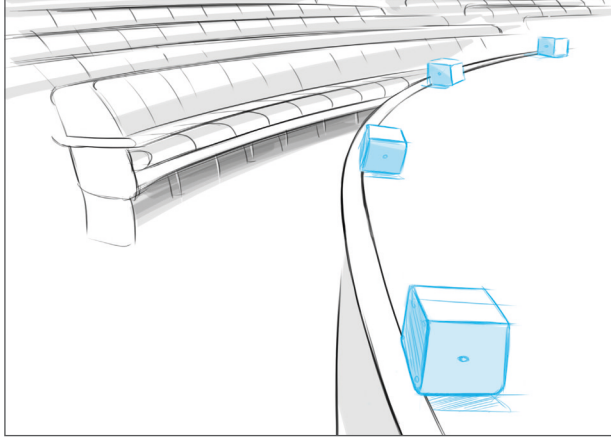
5XT features two speakON® connectors and two screw terminals to match the needs of mobile and installation applications. For outdoor operation, the optional 5XT-SEALPLATE connector sealing plate protects the screw terminals to reach an IP54 rating when the enclosure is mounted with a downtilt of 20° and more.



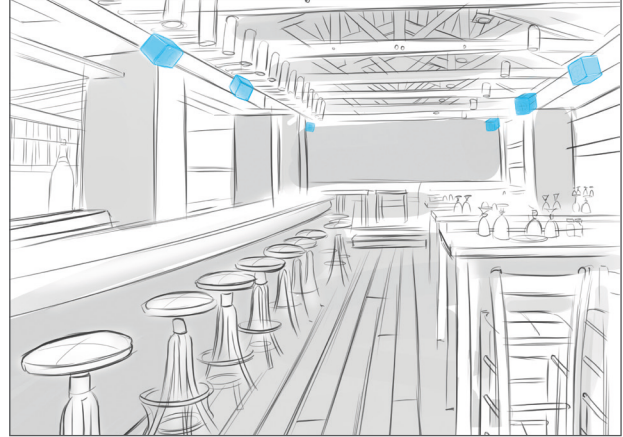
White and RAL architectural program

APPLICATIONS AND BENEFITS

5XT is an ideal fill enclosure due to its capability to deliver a high SPL in the MF/HF region and complement larger systems. In distributed applications, sound designers can take advantage of its wide conical directivity pattern offering a smooth off-axis response, where most of the audience is located. Its ultra-compact format and optional white or RAL color program means that it can satisfy any architectural requirement.



Front-fills



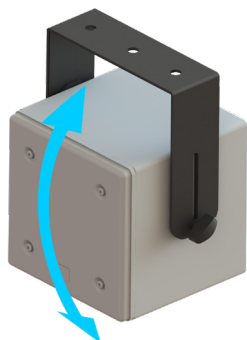
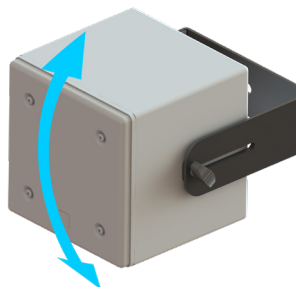
Distributed

RIGGING

5XT can be pole-mounted using the 3/8" microphone-stand insert. Other deployments such as wall-mounted, ceiling-mounted or flown are quick and easy, with the ETR5 bracket that offers multiple set-up options and various orientations. An optional sealing connector plate ensures higher resistance to harsh atmospheric conditions.



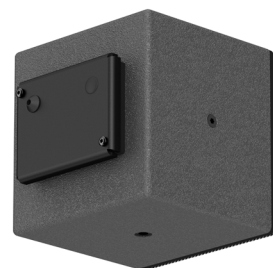
ETR5
U-bracket for 5XT: wall-mount and ceiling mount




3/8" insert: pole-mount



5XT-SEALPLATE
Connector sealing plate for 5XT



AMPLIFIED CONTROLLERS

Amplified controllers	LA2Xi	LA4X	LA12X
Front and back panel			
Install / Touring	Install	Install / Touring	Install / Touring
In x Out	4 x 4 / 4 x 3 / 4 x 2 / 4 x 1	4 x 4	4 x 4
Output power (W RMS) @ 16 ohms @ 8 ohms @ 4 ohms @ 2.7 ohms	4 x 200 W 4 x 360 W 4 x 640 W	4 x 1000 W 4 x 1000 W	4 x 1400 W 4 x 2600 W 4 x 3300 W
Height	1U	2U	2U
Weight	4.40 kg / 9.70 lbs	11.3 kg / 24.9 lbs	14.5 kg / 32 lbs
Drive capability 5XT			
Max. number of enclosures per channel	4	4	6
Max. number of enclosures per amplifier	16	16	24
Max SPL	121dB	121 dB	121 dB

SUBWOOFERS

SB15m: compact subwoofer (1x15")

System bandwidth: 40 Hz - 20 kHz
Contour reinforced by 8 dB at 100 Hz
Ratio of one SB15m to four 5XT



SOFTWARE

SOUNDVISION: simulation software



3D electro-acoustic & mechanical simulation software

LA Network Manager: control & monitoring software



Real-time control and monitoring up to 253 units
Multiple network topologies



X4i 5XT X8 X12 X15 HiQ

X series: a complete range for professional sound reinforcement

The X Series is comprised of five coaxial enclosures with distinct formats, bandwidth, SPL and coverage angles adapted to short throw applications in rental productions and fixed installations. With studio monitor sound quality, the X Series convey a natural and transparent sound.

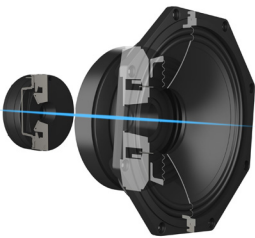
Coaxial technology allows for a compact design and constant tonal balance over distance, giving the X Series smooth coverage for off-axis audiences, no minimum listening distance and high feedback rejection.

COVERAGE

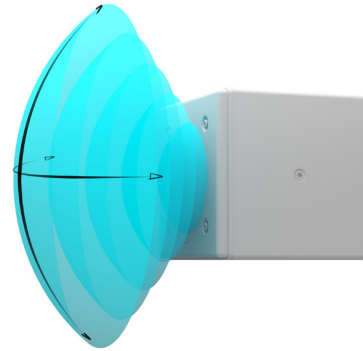
About coaxial technology

In 1989, L-Acoustics introduced the first coaxial loudspeaker enclosure for professional sound reinforcement, bringing studio quality to near-field applications for the first time. Since then, coaxial technology has been implemented in all L-Acoustics point sources.

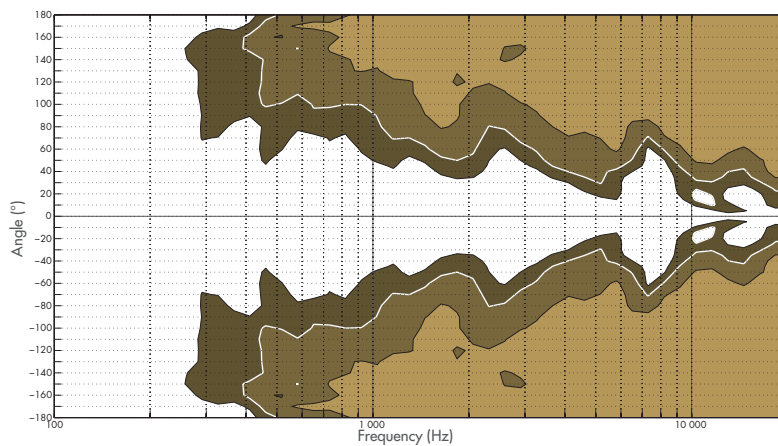
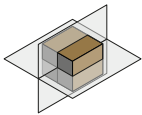
A coaxial design approach aligns LF and HF acoustic centers to achieve a single point source radiation with coherent wavefront at all frequencies, that is free of polar lobing effects, typical of traditional horn and woofer combinations. This results in natural, studio monitor sound quality, ideal for proximity use.



110°



BEAMWIDTH



► Dispersion angle diagram of a single 5XT in vertical and horizontal plane using lines of equal sound pressure at -3 dB, -6 dB, -12 dB.

5XT SHORT THROW POINT SOURCE



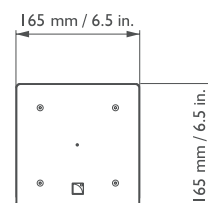
5XT is an ultra-compact coaxial system designed for short throw applications. Part of the X Series, 5XT is a 5" format loudspeaker that provides exceptional output and broad bandwidth for its size, ensuring premium sonic performance with minimum visual impact.

5XT is a two-way passive enclosure with transducers mounted coaxially to produce a 110° axisymmetric directivity with a smooth tonal response free of secondary lobes over the entire frequency range. Housed in a cabinet made of first grade Baltic birch plywood, the lightweight 5XT is a perfectly cubic to ensure perfect identical sound reinforcement in any orientation.

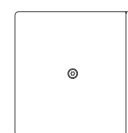
The combination of tight dimensions, flexible mounting options and RAL architectural programs make for easy integration in any situation. On its own, 5XT is an ideal complement to larger systems in venues that require easy and discreet integration such as theaters, houses of worship, corporate facilities and studios. Supplemented by a subwoofer, 5XT is also perfect as a distributed background music system in bars, restaurant, conference rooms, museums and other hospitality venues.

SPECIFICATIONS

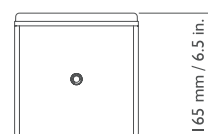
Description	2-way passive coaxial enclosure amplified by LA2Xi / LA4X / LA12X
Usable bandwidth (-10 dB)	95 Hz – 20 kHz ([5XT] preset)
Maximum SPL¹	121 dB ([5XT] preset)
Nominal directivity (-6 dB)	110° axisymmetric
Transducers	LF: 1 × 5" weather resistant HF: 1 × 1" compression driver
Acoustical load	LF: bass-reflex
Nominal impedance	16 Ω
Connectors	IN: 1 × 4-point speakON® LINK: 1 × 4-point speakON® IN/LINK: 2 × 2-point screw terminals
Rigging and handling	1 × 3/8" insert for microphone stand 2 × M6 inserts for ETR5 U-bracket
Weight (net)	3.5 kg / 7.7 lb
Cabinet	Premium grade Baltic birch plywood
Front	Steel grill with anti-corrosion coating
Finish	Dark grey brown Pantone® 426 C Pure white RAL® 9010 Custom RAL® code on special order
IP	IP30 / IP54 ²



Front



Side



Top

¹ - Peak level at 1 m under free field conditions using pink noise with crest factor 4 (preset specified in brackets).

² - IP54 is achieved with the 5XT-SEALPLATE connector sealing plate and a down-tilt angle of 20° and more