

AF CB CP CS CV HD HS R SL WE XXX

SPECIFICATIONS (See notes 1 and 2)

Loudspeaker Type: 2-way, Full-range, bass ported

Operating Range: 70 Hz - 18 kHz

70 Hz - 18 kHz (+/-5dB)

Max Input (Passive): 200W continuous, 500W program

40 volts RMS, 89 volts momentary peak

Recommended Power Amp:

420W to 600W @ 8 Ohms

Max Inputs (Biamp):

LF: (Same as for Passive mode)

Recommended LF Power Amp: (Same as for Passive mode)

HF: 50W continuous, 125W program

20 volts RMS, 45 volts momentary peak

Recommended HF Power Amp: 100W to 150W @ 8 Ohms

Sensitivity 1W/1m:

97dB SPL (70 Hz - 16 kHz 1/3 octave bands) 96dB SPL (250 Hz - 4 kHz speech range)

Maximum Output: 120 dB SPL / 127 dB SPL (peak)

Nominal Impedance (passive): 8 Ohms

5.6 Ohms @ 180 Hz Min Impedance: Nominal Impedances (Biamp): LF: 8 Ohms, HF: 8 Ohms

Nominal -6 dB Beamwidth:

 $80^{\circ} \text{ H } (+3^{\circ} / -11^{\circ}, 2 \text{ kHz} - 10 \text{ kHz})$ $35^{\circ} \text{ V } (+8^{\circ} / -2^{\circ}, 2 \text{ kHz} - 10 \text{ kHz})$

Axial Q / DI:

22.2 / 13.5, 2 kHz - 10 kHz

Crossover Frequency: 2 kHz

Recommended Signal Processing: 60 Hz high pass filter

Drivers:

LF (1) 12", Ferrofluid-cooled

HF (1) 1" exit, titanium diaphragm **Driver Protection:** PowerSenseTM DDP **Input Connection:** (2) Neutrik NL4MP

(2) 1/4 inch jack **Controls:** Passive / Biamp switch

2 position HF level switch Enclosure: 13-ply 18 mm Baltic birch. Polane painted

Enclosure Hardware:

(1) Steel recessed spring handle

(4) Heavy-duty rubber feet

Mounting / Rigging Provisions:

(6) 3/8-16 rigging points, W.L.L. 150 lb. vertical pull each

(1) 1-3/8" pole socket

Grille: 16 gauge perforated steel (see options)

Required Accessories: None **Supplied Accessories:**

Optional Accessories:

EYBLTKIT: (4) 3/8-16 forged eyebolts

SB5: black 5 ft x 1-3/8" steel pole for mounting to a subwoofer

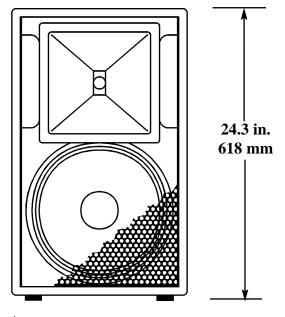
Dimensions (including feet):

Height: 24.3 in. / 618 mm (23.9 in. / 608 mm w/o feet)

Width (front): 14.6 in. / 371 mm 9.2 in. / 234 mm Width (rear): 14.75 in. / 375 mm Depth: Weight: 53.5 lb. / 24.3 kg **Shipping Weight:** 57 lb. / 25.9 kg

1. Sensitivity: Free field pink noise measurement at 20 feet (6.1m) at 25% power; extrapolated to 1 meter and an input of 2.83 volts RMS.

2. Watts: All wattage figures are calculated using the rated nominal impedance.



APPLICATIONS:

- Theatres / Auditoria
- Houses of Worship
- Sport Facilities
- Health Clubs
- Clubs
- A/V Systems

FEATURES:

- 1" Titanium HF Driver with HF Level Switch
- Ferrofluid-cooled 12" LF
- Switchable Passive / Biamp Modes
- PowerSenseTM DDP Circuit with Front/Rear Indicators
- Trapezoidal Enclosure for Arraying
- Steel Handle and Input Panel
- Black Paint Exterior
- · Stand Socket

DESCRIPTION

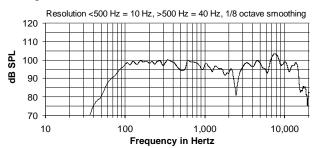
The XLT42E is a small and versatile two-way full-range bass reflex loudspeaker system engineered for multiple uses in club and performance public address. This system has a rotatable HF horn. Availability of both captive rigging points and provision for a stand adapter allow this system to be used effectively in both portable and installed situations. The black-painted 13-ply Baltic birch enclosure and black perforated steel grille present an attractive package. Features an over-drive indicator light and a passive / biamp switch on the input panel, PowerSense protection circuitry and a Ferrofluid cooled woofer. Five year warranty.

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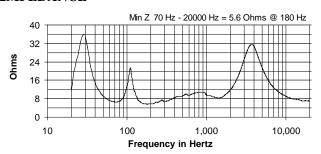


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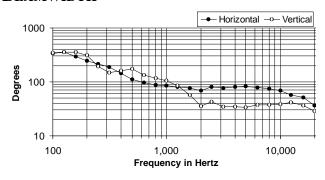
FREQUENCY RESPONSE



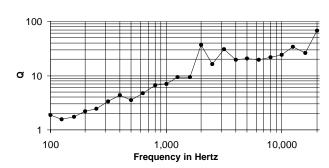
IMPEDANCE



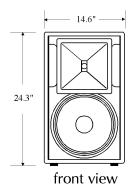
BEAMWIDTH

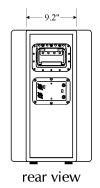


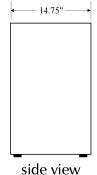
AXIAL Q

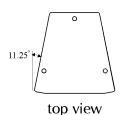


DIMENSIONS











ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker system shall be a two-way, full-range bass reflex trapezoidal design with one 12 in. Ferrofluid-cooled woofer and one 1 in. exit HF driver with a titanium diaphragm mounted to a 90° HF fiberglass horn. Drivers shall be connected to an integral crossover with a crossover frequency of 2 kHz and integral over-current protection circuitry using high positive current coefficient resistors. There shall be two NL4MP connectors and two 1/4" phone jack connectors with a switch for passive or biamplified connection and rear-facing LED over-power indicator light. The loudspeaker enclosure shall be 13-ply Baltic birch plywood with a 16 gauge perforated steel grille and finished with black paint. The system shall have an amplitude response of 70 Hz to 18 kHz (+/- 5 dB), input capability of 40V RMS, 97 dB sensitivity at one meter and 2.83V / 8 ohms nominal impedance. The nominal dispersion shall be 80° H x 35° V from 2 kHz to 10 kHz. The loudspeaker shall be 24.3 in. (618 mm) H x 14.6 in. (371 mm) W (front) x 9.2 in. (234 mm) W (rear) x 14.75 in. (375 mm) D and weigh 53.5 lbs (24.3 kg).

Specifications subject to change without notice.

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