



XLT55E

**PRELIMINARY
SPECIFICATIONS**

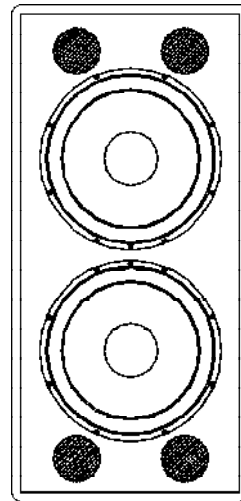
TRAPEZOIDAL SUBWOOFER SYSTEM

APPLICATIONS:

- Sound Reinforcement / Portable PA
- Clubs
- Houses of Worship
- Health Clubs
- Sport Facilities
- Industrial A/V
- Keyboard Systems

FEATURES:

- Dual 15" Ferrofluid-cooled Woofers
- Four Ports for Efficient Bass Output
- PowerSense™ DDP Circuit with Front/Rear Indicators
- Tall Low Profile Trapezoidal Enclosure
- Steel Bar-Handles and Input Panel
- Black Paint Exterior



DESCRIPTION

The XLT55E is a trapezoidal, high-efficiency, subwoofer designed for use with any of the XLT Series full-range loudspeaker systems. Dual Ferrofluid-cooled 15" woofers provide prodigious low frequency output, high power handling and exceptional punch. These are matched to a heavily braced, optimally tuned, bass-reflex enclosure. The XLT55E's 42" height is designed for stacking a full-range XLT Series loudspeaker. The overall height allows mid and high frequencies to be projected over audiences in situations that would normally require stands.

The XLT55E has an internal crossover that separates the audio above 150 Hz and feeds it to a 1/4" jack high pass output. This is used to directly feed an XLT/E full-range system. Thus only one amplifier channel and no electronic crossover is needed to power both the XLT55E and full-range system. Two amplifier channels can be used for added control - one to power the XLT55E and one for the full-range system. The XLT55E and XLT/E full-range systems are designed for good acoustic integration without the need for an electronic crossover.

The crossover's PowerSense™ DDP (Dynamic Driver Protection) circuit monitors the power input to XLT55E's woofers and absorbs excessive power inputs. A rear panel LED as well as front visible indication illuminate when the PowerSense™ circuitry is active, warning the operator. The crossover is built on a steel input panel and uses 250V film capacitors and high-grade circuit boards.

The XLT55E has two Neutrik Speakon NL4MP jacks and two 1/4" phone-type jacks. All jacks are wired in parallel to allow easy daisy-chaining of two systems. The trapezoidal shape easily allows arraying two or more XLT55Es for increased acoustic output. The footprint of the XLT55E is identical to full-range XLT/E models for easier stacking.

The recessed steel bar-handles and black paint exterior make this road-worthy system attractive, rugged, and easily transportable. It has six 3/8" - 16 threaded captive-nut engineered rigging points on its top and bottom.

SPECIFICATIONS

Loudspeaker Type:

Bass-Reflex Subwoofer System

Frequency Response

38 Hz to 150 Hz

Power Handling:

300W RMS; 750W Program

Sensitivity (1 Watt / 1 Meter)

99 dB SPL

Nominal Dispersion:

Omni

Nominal Impedance:

4 ohms

Crossover Frequency(s)

150 Hz

Drivers:

Two 15 inch woofers, Ferrofluid-cooled

Speaker Protection

PowerSense DDP

Input Connectors (All wired in parallel):

Two Neutrik Speakon

Two 1/4 inch phone jacks

Enclosure Material:

Black painted 13-ply Baltic birch

16 Gauge perforated steel grille

Dimensions:

Height: 41.5 inches (1054 mm)

Front Width: 19.75 inches (502 mm)

Rear Width: 13.25 inches (337 mm)

Depth: 18 inches (457 mm)

Weight:

91 lb. (41.3 kg)

Shipping Weight

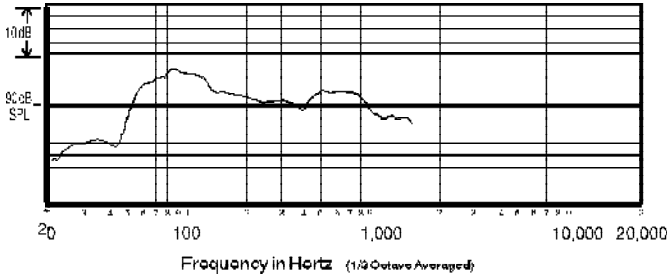
103 lb. (46.7 kg)



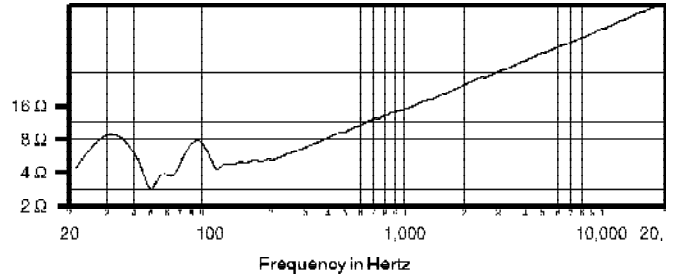
XLT55E

TRAPEZOIDAL SUBWOOFER SYSTEM

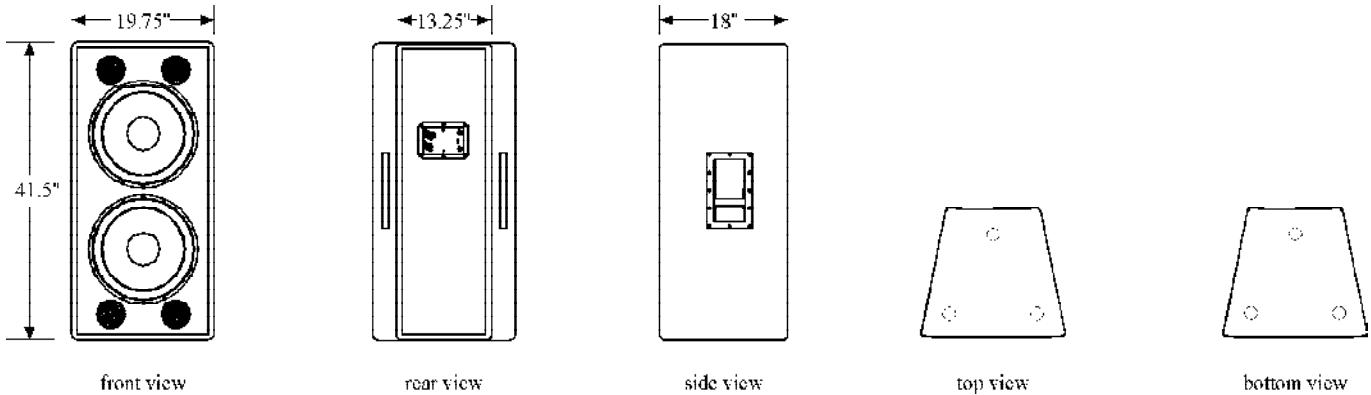
FREQUENCY RESPONSE



IMPEDANCE



DIMENSIONS



ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker system shall be a direct-radiating, bass-reflex design with two Ferrofluid-cooled 15 in. woofers. All components shall be connected to an integral crossover/protector. The crossover/protector shall have a 12 dB/octave high pass output at 150 Hz for connection to a full-range loudspeaker. The crossover shall utilize a steel input panel with Neutrik NL4MP and 1/4 in. jacks, high quality 250V film capacitors, high positive current coefficient resistors (HPCCR's) for component protection and front/rear overcurrent indicators. The loudspeaker enclosure shall be constructed of well-braced, black-painted, 3/4 inch (18mm) 13-ply Baltic birch, a 16 gauge perforated steel grille and two steel, recessed bar handles. The system shall meet the following performance criteria: Amplitude response of 38 Hz to 150 Hz dB, 400W RMS power handling, 99 dB sensitivity at 1 meter with one watt applied. The loudspeaker shall be 41.5" (1054 mm) H x 19.75" (502 mm) W (front) x 13.25 in. (337 mm) W (rear) x 18 in. (457 mm) D and weigh 91 lb. (41.3 kg). The system impedance shall be 4 ohms nominal.

LIMITED WARRANTY

Community XLT/E loudspeaker systems are guaranteed to be free from defects in materials and workmanship for a period of five years from the original date of sale. Since the warranty applies to the product, the remainder of the warranty period will be automatically transferred to any subsequent owner. Only failures caused by defects in materials and workmanship are covered, not failures caused by abuse, accident, modification, improper handling/installation, or repairs made without factory authorization or by other than an authorized Community Field Service Station. Products covered by this warranty will be repaired or replaced at the option of Community, without charge for materials or labor, provided all the terms of this warranty have been met. This statement is a condensed version of the Community Product Warranty, intended for quick reference only. For complete warranty information, consult the product owners manual or call (610) 876-3400 for a copy.