XLT41E-64 TWO-WAY MULTI-ANGLE / PA SYSTEM
WITH 60° X 40° HF HORN

SPECIFICATIONS (See notes 1 and 2)

Loudspeaker Type: 2-way, multi-angle / PA, bass ported
Operating Range: 70 Hz - 18 kHz
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:
  99 dB SPL (70 Hz - 18 kHz 1/3 octave bands)
  97 dB SPL (250 Hz - 4 kHz speech range)
Maximum Output: 122 dB SPL / 129 dB SPL (peak)
Nominal Impedance (passive): 8 Ohms
Min Impedance: 5.2 Ohms @ 210 Hz
Nominal Impedances (Biamp): LF: 8 Ohms, HF: 8 Ohms
Nominal -6 dB Beamwidth:
  55° H (+9° / -8°, 2 kHz - 10 kHz)
  40° V (+1° / -5°, 2 kHz - 10 kHz)
Axial Q / DI:
  33 / 15.2, 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: PowerSense™ DDP
Input Connection: (2) Neutrik NL4MP, (2) 1/4 in. jack
Controls:
  Passive / Biamp switch
  2 position HF level switch
Enclosure: 13-ply 18 mm Baltic birch, Polane painted (see options)
Enclosure Hardware: (1) Steel recessed spring handle
Mounting / Rigging Provisions: (1) 1-3/8" stand socket
Grille: 16 gauge perforated steel, black powder coated (see options)
Required Accessories: None
Supplied Accessories: (4) Rubber feet with mounting screws
Optional Accessories:
  SB5: black 5 ft x 1-3/8" steel pole for mounting to a subwoofer
Dimensions:
  Height: 14.4 in. / 366 mm
  Width: 23.9 in. / 608 mm
  Depth: 15.3 in. / 389 mm
  Weight: 49.5 lb. / 22.5 kg
  Shipping Weight: 51 lb. / 23.1 kg

APPLICATIONS:
• Theatres / Auditoria
• Portable PA
• Houses of Worship
• Clubs
• Bands

FEATURES:
• 1" Titanium HF Driver
• Switchable Passive / Biamp Modes
• 2 Position HF Level Switch
• PowerSense™ DDP Circuit with Front Indication
• Dual-position Floor Monitor or Upright PA Use
• Steel Handle and Steel Input Panel
• Choice of Black, White, or Unfinished Exterior

DESCRIPTION
The XLT41E is a small and versatile two-way full-range bass reflex loudspeaker system engineered for multiple uses in club and performance public address. There is a choice of two HF horns for the XLT41E. The 90 x 40 (XLT41E-94) and the 60 x 40 (XLT41E-64) horns are both rotatable for narrower horizontal coverage or for vertical mounting. 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.

OPTIONS:
XLT41E-64B = black painted
XLT41E-64W = white painted
XLT41E-64U = unfinished
Grille: white has white cloth covering, unfinished has brown cloth covering

© 1999, Community Light & Sound, Inc.
Specifications subject to change without notice.

ARCHITECTS’ AND ENGINEERS’ SPECIFICATIONS
The loudspeaker system shall be a two-way, full-range bass reflex design with angled back panels allowing 30 degree and 45 degree front slant when used as a PA monitor. The loudspeaker system shall have one 12 in. Ferrofluid-cooled woofer and one 1 in. exit HF driver with a titanium diaphragm mounted to a 60° rotatable 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 side-facing LED over-power indicator light. The loudspeaker enclosure shall be 13-ply Baltic birch plywood with a 16 gauge perforated steel grille [with a white [brown cloth cover] and [unfinished] finished with black [white] 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 2.83 V / 8 ohms nominal impedance. The nominal dispersion shall be 50°H x 40°V from 2 kHz to 10 kHz. The loudspeaker shall be 14.4 in. (366 mm) H x 23.9 in. (608 mm) W x 15.3 in. (389 mm)D and weigh 49.5 lbs (22.5 kg).