**SPECIFICATIONS** (See notes 1 and 2)

**Loudspeaker Type:** 3-way, Full-range, bass ported  
**Operating Range:** 50 Hz - 18 kHz  
50 Hz - 18 kHz (+/-5dB)

**Max Input (Passive):**  
200W continuous, 500W Program  
28 volts RMS, 63 volts momentary peak

**Recommended Power Amplifier:**  
420W to 600W @ 4 Ohms

**Max Inputs (Biamp):**  
- LF: (Same as for Passive mode)  
  - Recommended LF Power Amp: (Same as for Passive mode)  
  - MF/HF: 80W continuous, 200W program  
  - 25 volts RMS, 57 volts momentary peak  
  - Recommended MF/HF Power Amp: 170W to 240W @ 8 Ohms

**Sensitivity 1W/1m:**  
97dB SPL (50 Hz - 18 kHz 1/3 octave bands)  
97dB SPL (250 Hz - 4 kHz speech range)

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

**Nominal Impedance (Passive):** 4 Ohms

**Nominal Impedance (Biamp):**  
- LF: 4 Ohms, HF: 8 Ohms

**Nominal -6 dB Beamwidth:**  
- 65° H (+5° / -5°, 2 kHz - 10 kHz)  
- 30° V (+7° / -7°, 2 kHz - 10 kHz)

**Axial Q / DI:**  
- 25.1 / 14, 2 kHz - 10 kHz

**Crossover Frequency:**  
40 Hz high pass filter

**Drivers:**  
- LF (1) 15", Ferrofluid-cooled  
- MF (1) 6.5" cone, Ferrofluid-cooled  
- HF (1) 1" exit, titanium diaphragm

**Driver Protection:** PowerSense™ DDP

**Input Connection:**  
- (2) Neutrik NL4MP  
- (2) 1/4 in. jacks

**Controls:**  
- Passive / Biamp modes, 2 position HF level switch

**Enclosure:** Black carpet covered Oriented Strand Board

**Enclosure Hardware:**  
- (2) Steel recessed bar-handles  
- (8) Interlocking corner protectors

**Mounting / Rigging Provisions:**  
- (4) 5/16-18 mounting points  
- (2) 5/16 -18 stand adapter attachment points

**Grille:** 16 gauge perforated steel, black powder coated

**Required Accessories:** None

**Supplied Accessories:** None

**Optional Accessories:** None

**Dimensions (including corner protectors):**  
- Height: 33.9 in. / 862 mm  
- Width (front): 20.3 in. / 515 mm  
- Width (rear): 13.7 in. / 347 mm  
- Depth: 18.2 in. / 463 mm  
- Weight: 86.5 lb. / 39.2 kg  
- Shipping Weight: 97 lb. / 44 kg

1. **Sensitivity:** Free field pink noise measurement at 20 ft / 6.1 m at 25% power; extrapolated to 1 meter and an input of 2 volts RMS.  
2. **Watts:** All wattage figures are calculated using the rated nominal impedance.

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

**FEATURES:**  
- 1” Titanium HF Driver, 6 1/2” Midrange  
- Switchable Passive / Biamp Modes  
- HF Level Switch  
- PowerSense™ DDP Circuit with Front/Rear Indicators  
- Trapezoidal Enclosure for Arraying  
- Steel Bar-Handles and Input Panel  
- Black-Carpeted Exterior

**DESCRIPTION**  
The XLT46 is a versatile, full-range three-way full-range bass reflex loudspeaker system engineered for use in small to medium PA systems in clubs or performance applications. The 60 x 40 HF horn is rotatable for narrower horizontal coverage or for vertical mounting. The black-carpeted OSB enclosure and black perforated steel grille present an attractive and rugged package. Features a over-drive indicator light and a passive / biamp switch on the input panel, PowerSense protection circuitry and a Ferrofluid cooled woofer. Five year limited warranty.
The loudspeaker system shall be a three-way, full-range bass reflex trapezoidal design with one 15 in. Ferrofluid-cooled woofer, one 6.5" Ferrofluid-cooled midrange driver and one 1 in. exit HF driver with a titanium diaphragm mounted to a 60° HF fiberglass horn. Drivers shall be connected to an integral crossover with crossover frequencies of 500 Hz and 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 black carpeted Oriented Strand Board (OSB) with a 16 gauge perforated steel grille. The system shall have an amplitude response of 50 Hz to 18 kHz (+/- 5 dB), input capability of 28V RMS, 97 dB sensitivity at one meter and 2V / 4 ohms nominal impedance. The nominal dispersion shall be 65°H x 30° V from 2 kHz to 10 kHz. The loudspeaker shall be 33.9 in. (862 mm) H x 20.3 in. (515 mm) W (front) x 13.7 in. (347 mm) W (rear) x 18.2 in. (463 mm) D and weigh 86.5 lbs (39.2 kg).