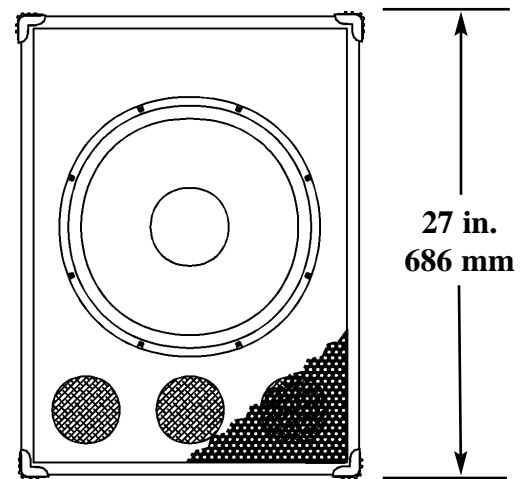


**SPECIFICATIONS (See notes 1 and 2)**

- Loudspeaker Type:** Ported subwoofer
- Operating Range:** 40 Hz - 250 Hz  
40 Hz - 250 Hz (+/-5 dB)
- Max Input Ratings:** 150W continuous, 375W program  
35 volts RMS, 77 volts momentary peak
- Recommended Power Amplifier:**  
300W to 450W @ 8 Ohms
- Sensitivity 1W/1m:** 95 dB SPL (40 Hz - 250 Hz 1/3 octave bands)
- Maximum Output:** 117 dB SPL / 124 dB SPL (peak)
- Nominal Impedance:** 8 Ohms
- Min Impedance:** 7.8 Ohms @ 120 Hz
- Nominal -6 dB Beamwidth:**  
360° H x 360° V
- Axial Q / DI:** 1 / 0, 40 Hz - 250 Hz
- High Pass Output:** 150 Hz (1/4 inch jack)
- Recommended Signal Processing:**  
125 Hz - 200 Hz electronic crossover  
30 Hz high pass filter
- Drivers:** (1) 15", Ferrofluid-cooled
- Driver Protection:** PowerSense™ DDP
- Input Connection:** (2) Neutrik NL4MP, (2) 1/4 inch jack
- Controls:** None
- Enclosure:** Black carpet covered Oriented Strand Board
- Enclosure Hardware:**  
(2) Steel recessed bar-handles  
(8) Corner protectors
- Mounting / Rigging Provisions:**  
(2) 5/16-18 mounting points  
(1) 1-3/8 in. stand/pole socket
- Grille:** 16 gauge perforated steel, black powder coated
- Required Accessories:** None
- Supplied Accessories:** None
- Optional Accessories:**  
DSC42: digital system controller
- Dimensions (including corner prtectors):**  
Height: 27 in. / 686 mm  
Width: 20 in. / 507 mm  
Depth: 18.4 in. / 468 mm
- Weight:** 74.5 lb. / 33.8 kg
- Shipping Weight:** 82.5 lb. / 37.4 kg

- 1. Sensitivity:** Free field pink noise measurement at 20 ft / 6.1 m at 50% 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
- Health Clubs
- Music Clubs
- A/V Systems

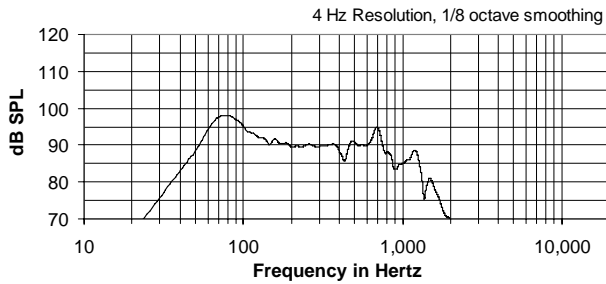
**FEATURES:**

- 15" Ferrofluid-Cooled Woofer
- Ported for Efficient Bass Output
- PowerSense™ DDP Circuit with Front Indication
- Small Profile Enclosure for Tight Spaces
- Steel Handles
- Steel Input Panel
- Black Carpeted Exterior

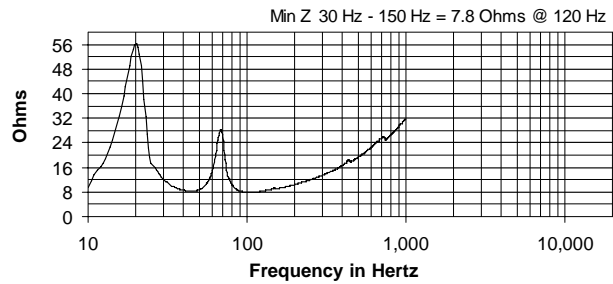
**DESCRIPTION**

The XLT51 is a versatile high-efficiency subwoofer designed for installation with smaller XLT full-range loudspeaker systems for extended deep bass output in smaller installations. The black-carpeted OSB enclosure and black perforated steel grille present an attractive and rugged package. The XLT51 subwoofer has an integral 150 Hz high pass output filter that can be used to directly feed XLT41 or XLT43 full range systems, thus requiring only one amplifier channel to power both systems. When used with a larger XLT full-range system, a separate amplifier channel is recommended for each system. Five year limited warranty.

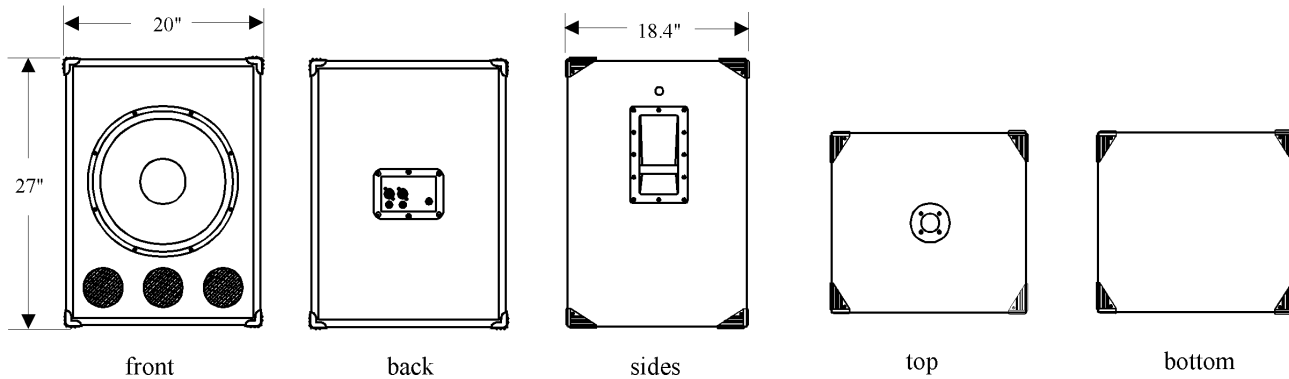
## FREQUENCY RESPONSE



## IMPEDANCE



## DIMENSIONS



## ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker system shall be a subwoofer of bass reflex design with one 15 in. Ferrofluid-cooled woofer. The driver shall be connected to integral over-current protection circuitry using high positive current coefficient resistors as well as to an integral high pass filter at 150 Hz connected to high pass output jack. There shall be two NL4MP connectors and two 1/4" phone jack connectors. 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 40 Hz to 250 Hz (+/- 5 dB), input capability of 35V RMS, 95 dB sensitivity at one meter and 2.83 V / 8 ohms nominal impedance. The nominal dispersion shall be omnidirectional throughout the operating range. The loudspeaker shall be 27 in. (686 mm) H x 20 in. (507 mm) W x 18.4 in. (468 mm) D and weigh 74.5 lbs (33.8 kg).