



PROFESSIONAL LOUDSPEAKERS

# MVP Series II / MVP18S

SUBWOOFER SYSTEM

## SPECIFICATIONS (See notes 1 and 2)

**Loudspeaker Type:** Subwoofer  
**Operating Range:** 40 Hz - 250 Hz  
 60 Hz - 150 Hz (+/-3dB)  
**Max Input Ratings:** 300W continuous, 750W program  
 49 volts RMS, 110 volts momentary peak

### Recommended Power Amplifier:

For maximum SPL: 600W to 900W @ 8 Ohms

**Sensitivity 1W/1m:** 98 dB SPL (50 Hz - 160 Hz 1/3 octave bands)

**Maximum Output:** 123 dB SPL / 130 dB SPL (peak)

**Nominal Impedance:** 8 Ohms

**Min Impedance:** 6.4 Ohms @ 40 Hz

**Nominal -6dB Beamwidth:** 360° H x 360° V

**Axial Q / DI:** 1 / 0, 40 Hz - 150 Hz

### Recommended Signal Processing:

100 Hz - 150 Hz electronic crossover

40 Hz High pass filter

**Drivers:** LF (1) 18"

**Driver Protection:** None

**Input Connection:** (1) 1/4" jack  
(2) Locking Connectors

**Output Connection:** (1) 1/4" 150 Hz highpass

**Controls:** None

**Enclosure:** MDF

**Enclosure Hardware:** (2) Recessed handles  
(8) Interlocking corner protectors  
(4) Rubber feet

### Mounting / Rigging Provisions:

(1) 1 3/8" top mount pole socket

**Grille:** 16 gauge perforated steel

**Required Accessories:** None

**Supplied Accessories:** (1) 33.5" (851mm) mounting pole  
1 3/8" diameter pole,

**Optional Accessories:** digital speaker controller

### Dimensions:

Height: 34.3" / 873.2 mm

Width: 18" / 457 mm

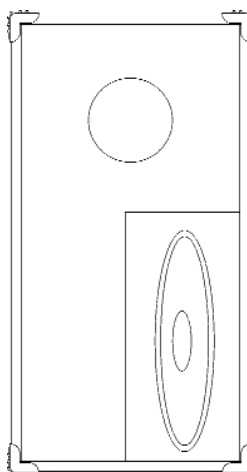
Depth: 19.2" / 489 mm

**Weight:** 89 lb. / 40.4 kg

**Shipping Weight:** 96 lb. / 43.5 kg

1. Sensitivity: Free field pink noise measurement at 4 ft / 1.2 m at 60% power; extrapolated to 1 meter and an input of 2.83 volts R.M.S.

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



### APPLICATIONS:

- SOUND REINFORCEMENT/PORTABLE PA
- CLUBS/DJ
- BANDS
- HOUSES OF WORSHIP
- PERMANENT INSTALLATION
- SPORT FACILITIES & HEALTH CLUBS
- RENTAL SYSTEMS
- KARAOKE

### FEATURES:

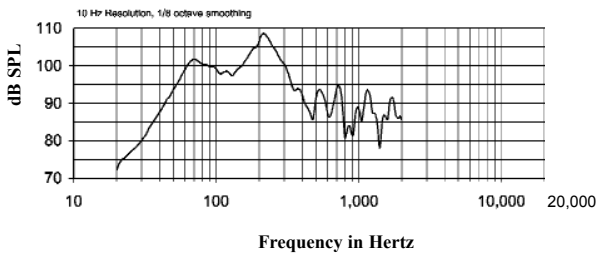
- DIE CAST ZINC STAND SOCKET
- 22" MOUNTING POLE INCLUDED
- BUILT-IN HIGH PASS FILTER @ 150 Hz
- HEAVILY BRACED MDF CONSTRUCTION
- 1/4" INPUT CONNECTOR AND 2 LOCKING CONNECTORS
- RECESSED HANDLES
- 16 GAUGE STEEL GRILLES
- MOUNTING/RIGGING POINTS (MUST USE STRAPKIT)

### DESCRIPTION

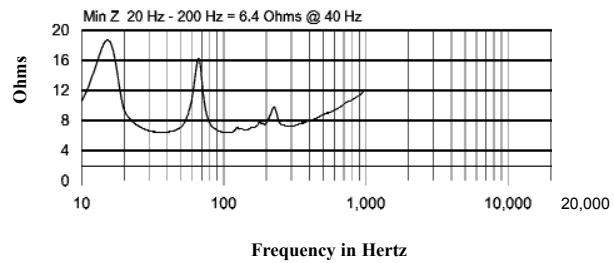
The MVP18S is a rugged, high-sensitivity, subwoofer system. The system utilizes one 18" woofer for solid bass and excellent power handling capability. This transducer is matched to an optimally tuned direct-radiating bass-reflex enclosure. The system is specifically designed for easy pole mounting of MVP full-range systems with an integral 1 3/8" diameter stand socket on top. The recessed handles, black carpeted exterior and injection molded corners also make this system attractive and rugged.

The MVP18S offers a unique 150 Hz high-pass crossover output that makes it easy to add to existing full-range systems without additional amplifiers and electronic crossovers. This product should never be suspended by its handles.

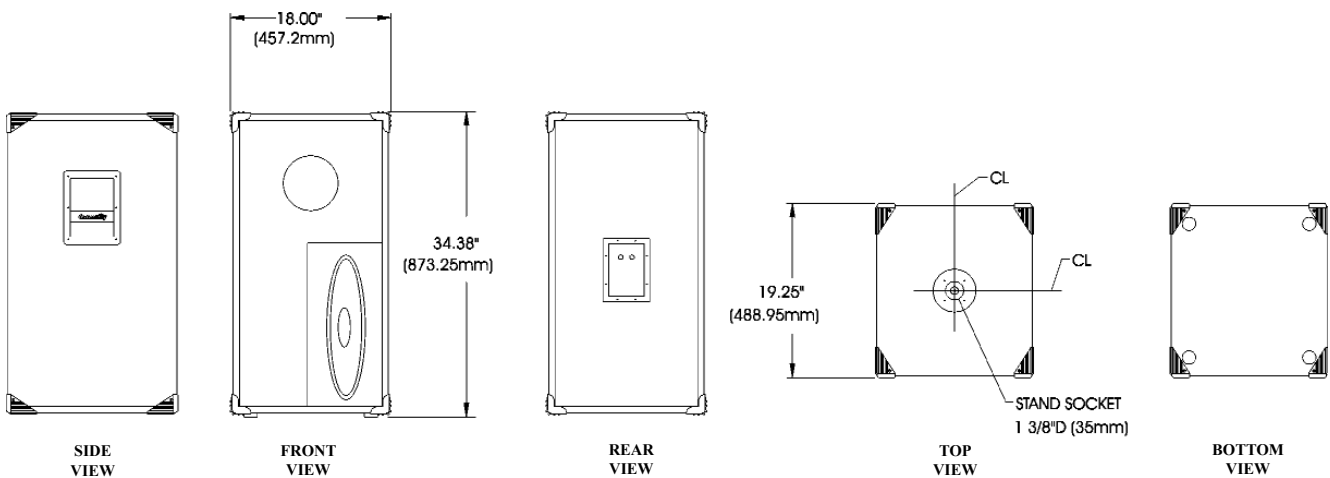
## Frequency Response



## Impedance



## DIMENSIONS



## ARCHITECTS AND ENGINEERS SPECIFICATIONS

The loudspeaker system shall be a subwoofer of bass reflex design with one 18" woofer. There shall be one 1/4" phone jack and two locking connectors. The loudspeaker enclosure shall be black carpeted MDF construction with a 16 gauge perforated steel grille. The system shall have an amplitude response of 60 Hz to 150 kHz (+/- 3 dB), input capability of 49V RMS, 98 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 34.3" (873.2 mm) H x 18" (457 mm) W x 19.2" (489 mm) D and weigh 89 lbs (40.4 kg).

## LIMITED WARRANTY

Community MVP loudspeakers are guaranteed to be free from defects in materials and workmanship from the original date of sale for a period of five years in the U.S.A and worldwide. This warranty is automatically transferable to any and all owners during the specified period. For complete warranty information, consult the product owners manual or call (610) 876-3400 for a copy.