

# 650-P

Self-Powered  
Reinforcement  
Subwoofer



The 650-P is a self-powered, tuned, bass-reflex subwoofer that uses two 18" drivers, capable of long excursion with minimal distortion. The unit extends the lower range of Meyer Sound reinforcement systems by providing a frequency response of 30 to 120 Hz. Being self-powered, the amplifiers and control electronics are fully contained within the speaker enclosure.

The 650-P incorporates the *Intelligent AC™* system, which performs automatic voltage selection, EMI filtering, soft current turn-on, and surge suppression. All that is required to install the unit is an audio input signal and an AC power connection.

The amplifier is designed to give reliable, consistent, and outstanding performance. If servicing is required, it is facilitated by the modular design of the unit; the entire power/amplifier module can be accessed and replaced, if necessary.

*Patents Pending*

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#### Features

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High power

Extremely low distortion

Reliable and durable

Integral amps and controllers

*Intelligent AC™*

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#### Applications

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Road use or installations

Sound reinforcement

Concert, film, and theater

Live music clubs systems

Bass instrument amplification

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M E Y E R S O U N D

# 650-P Specifications

<b>Acoustical (each loudspeaker)</b>	
Frequency Response <sup>1</sup>	±4 dB from 28 Hz to 100 Hz
Phase Response <sup>1</sup>	±30° from 45 Hz to 145 Hz
Maximum SPL <sup>1</sup>	136 dB peak @1 meter
Dynamic Range	>110 dB
<b>Transducers</b>	
	18" diameter MS-18 cone (2)
<b>Audio Input</b>	
Type	50kΩ impedance, electronically balanced
Connector	XLR (A-3) male and female
Nominal Input Level	+4 dBu
<b>Amplifiers</b>	
Type	Complementary power MOSFET output stages (audio class AB/H)
Burst Capability <sup>2</sup>	1240 watts (620 watts/channel)
THD, IM, TIM	< .02 %
<b>Power</b>	
	250V NEMA L6-20 (Twistlock) male receptacle <sup>3</sup> . Automatic voltage selection 95-125 VAC and 208-235 VAC; 50/60 Hz. 1400W RMS max. Peak current 40Apk (115V), or 20Apk (230V). Soft Start turn-on (inrush current <12A@115V).
<b>Physical</b>	
Dimensions	30" W x 45" H x 22½" D
Weight	221 lbs (100 kg) / shipping: 250 lbs (113 kg)
Enclosure	Multi-ply hardwood
Finish	Black textured
Protective Grill	Perforated metal grill, fiberglass screen

*Meyer Sound Laboratories has devoted itself to designing, manufacturing and refining components that deliver superb sonic reproduction. Every part of every component is designed and built to exacting specifications and undergoes rigorous, comprehensive testing in the laboratories.*

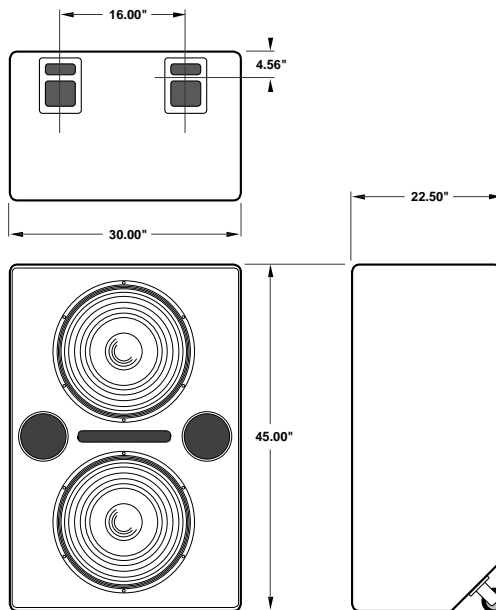
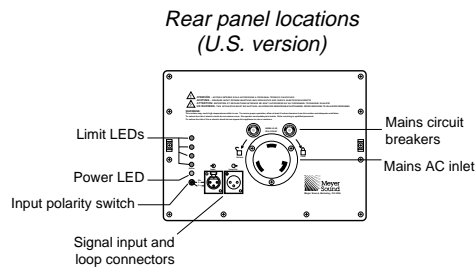
*Research remains an integral, driving force behind all production. Meyer strives for sound quality that is predictable and neutral over an extended lifetime and across an extended range.*

#### Notes:

1. Subject to half space loading, measured with one-third octave frequency resolution in fixed ISO bands.
2. Nominal 8Ω resistive load, pink noise, 100V peak.
3. Other connectors available. For European installations, an IEC 309 connector (16A) can be installed.

# Physical Dimensions

ALL UNITS IN INCHES



Sound engineering for the art and science of sound.

