



MEYER SOUND



700-HP: UltraHigh-Power Subwoofer

The Meyer Sound 700-HP self-powered, ultrahigh-power subwoofer sets a new standard for the power-to-size equation. The 700-HP's power and bandwidth (28 Hz to 150 Hz) can handle high continuous operating levels and extreme transient information with minimal distortion in its operating frequency range.



The 700-HP's efficiently tuned cabinet houses two Meyer Sound designed and manufactured back-vented, long-excursion, 18-inch cone drivers. Each driver features a 4-inch voice coil and is rated to handle 1200 AES watts. The drivers have also been engineered for extreme efficiency, using high-gauss neodymium magnets for the most powerful magnetic field strength. High magnetic field strength increases the driver's sensitivity, which yields greater output, while keeping heat dissipation requirements within operational tolerances.

An integral two-channel class AB/H amplifier supplies total peak power of 2250 watts. With twice the amplifier power of the 650-P subwoofer, the 700-HP produces an average of 3 dB more overall SPL, with enormous headroom to accommodate the most extreme demands with ease.



Designed mainly for stage or ground placement, the stackable 700-HP includes plastic skids on the bottom of the unit, which line up with slots on the cabinet's upper surfaces ensuring secure, aligned stacking.

Sound By Design's 700-HP's come equipped with full weatherproofing and Meyer Sound's RMS remote monitoring module.

HIRE RATE: £45 PER DAY

Galileo 616: Loudspeaker Management Processor

The Galileo loudspeaker management system is a hardware/ software system providing all of the facilities required to drive and align sound reinforcement systems employing multiple zones. The system consists



of the Galileo 616, a 2U, fully digital matrix processor and "Compass" software for comprehensive control of the Galileo 616 through a graphical environment running on a remote computer (PC or Mac). Galileo 616 can also be controlled directly from its front panel for maximum flexibility.

Galileo 616's audio I/O features six analogue inputs on balanced XLR connectors feeding state-of-the-art A/D converters operating at 24-bit resolution, 96 kHz sample rate. Three of the inputs can be individually switched to operate as standard stereo AES/EBU digital audio inputs, accepting signals at sample rates up to 96 kHz. The 16 outputs feature high-resolution 96 kHz, 24-bit D/A converters, and offer the same robust line driving capabilities as those of Meyer Sound's analogue line driver products (up to +26 dBu) allowing the Galileo 616 to easily drive Meyer Sound self-powered loudspeakers to full output at all frequencies, even over long lines.

Designed as the perfect complement to Meyer Sound's self-powered loudspeakers, the Galileo system includes array compensation for M Series array products, presets for Meyer Sound systems of various sizes and types and digital implementations of popular features developed over years by Meyer Sound for its acclaimed analogue processors, including air absorption compensation filters and equalisation from the CP-10, VX-1 and LD-3.

A carefully crafted user interface gives Galileo 616 the quick, intuitive operation required for live use. Each input sports a 26-segment LED ladder meter, plus mute and select buttons/ indicators, while each output has a bi-color level LED and mute and select buttons.

HIRE RATE: £60 PER DAY