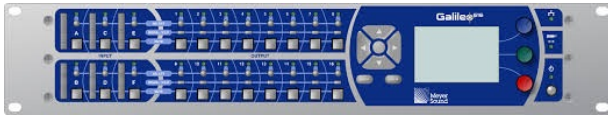


## OUTBOARD & PROCESSING

### MEYER GALILEO 616 DIGITAL PROCESSOR



The Galileo loudspeaker management system is an elegant hardware and software solution for driving and aligning multi-zone loud-speaker systems. The 2-space, rack-mount Galileo 616 includes six inputs, 16 outputs, and a fully digital matrix processor. The Compass control software provides comprehensive control of all parameters from a Mac or Windows-based computer. The Galileo 616 is also fully programmable from its front panel for maximum flexibility. <br/>Designed as the perfect complement to Meyer Sound's self-powered loudspeakers, the Galileo loudspeaker management system includes array correction for M Series array<br/> loudspeakers, atmospheric correction filters, low- and high-pass filters for subwoofer control, and configuration presets for Meyer Sound loudspeaker systems of various types and sizes. <br/> <br/>The Galileo 616 offers an extensive equalization architecture that includes complementary phase parametric filtering and TruShaping low-order equalization on both inputs and outputs. 31-band graphic equalization is also available on inputs. <br/> <br/>Equalization parameters are easily edited in the Compass control software, with numeric entry or by graphically dragging frequency bands. Parameters can be adjusted while viewing multiple layers of equalization in a composite graphic plot to achieve the ideal equalization curve. The Compass software's intuitive user interface is the culmination of Meyer Sound's extensive experience optimizing complex loudspeaker systems. <br/> <br/>The Galileo 616 features full digital operation with fixed latency across all output channels regardless of any applied processing. It can also be connected directly to the SIM 3 audio analyzer, providing complete measurement and control for integrated audio systems.

#### Features & Benefits

- Six inputs (analog, AES/EBU, or mixed) and 16 analog outputs with full matrix mixing and routing for driving systems of any size<br/>
- <br/>- Robust +26 dBu outputs easily drive Meyer Sound self-powered loudspeaker systems over long cable runs<br/> <br/>- A/D/A conversion with 24-bit resolution at 96 kHz; digital inputs converted to 96 kHz sample rate<br/> <br/>- Monolithic 1 GHz vector DSP architecture<br/> <br/>- Internal processing performed at 96 kHz, 32-bit floating point resolution with fixed latency across all output channels<br/> <br/>- Array correction for M Series line array loudspeakers<br/> <br/>- Atmospheric correction filters<br/> <br/>- Patented TruShaping equalization and parametric filtering yield corrections with minimal impact on phase response<br/> <br/>- Low-

and high-pass filters<br/> <br/>- Up to 2 seconds of delay on inputs and outputs<br/> <br/>- Configuration presets for Meyer Sound loudspeaker systems<br/> <br/>- Ethernet connection for remote control from Mac and Windows-based computers running the Compass control software<br/> <br/>-Front-panel operation for standalone control<br/> <br/>- Full bidirectional communication with computer ensures parameter settings are always in sync<br/> <br/>- Direct connection to Meyer Sound's SIM 3 audio analyzer



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