

Galileo[®] GALAXY™ 816 NETWORK PROCESSOR



As part of the newly developed Galileo GALAXY family, the Galileo GALAXY 816 builds on Galileo’s meticulously engineered algorithms on a rigorously tested cutting edge hardware platform.

Galileo GALAXY retains users’ favorite processing tools, including five-band U-Shaping and parametric EQs on both inputs and outputs.

The built-in summing matrix allows users to assign and adjust gain at every cross point for multiple

purposes quickly and easily as well as apply delay values at every cross point in the new built-in delay matrix.

The delay matrix also enables the user to feed different position-dependent delayed signals into one output to allow a multipurpose use of a loudspeaker.

Intuitively mix and match different Meyer Sound loudspeakers with the improved Delay Integration

matching their phase characteristics to ensure a coherent summation.

System clock can be set to internal, or follow AES or AVB signals’ clock to rule out any digital jitter.

Adjust equalization parameters on a laptop with Compass control software or on an iPad with the Compass Go app. Both graphic interfaces reflect years of user input to make managing great audio effortless.

FEATURES & BENEFITS

- Crosspoint delay and summing matrix
- Processing uses 96kHz sample rate audio
- A/D and D/A conversion with 96kHz/24-bit
- 5-band U-shaping on inputs and outputs
- 5-band parametric EQ on inputs and 10-band parametric EQ on outputs
- High/low pass filters with up to 48dB per octave slopes
- In-depth control with new Compass 4.0 software for Mac and PC
- Control at user’s fingertips with Compass Go for iPad
- Easy integration with 3rd party controllers like AMX and Crestron.
- Fixed latency over all channels 0.6 ms for analog → analog

PRELIMINARY SPECIFICATIONS

AUDIO AND NETWORK CONNECTIVITY

<p>Inputs Section</p> <p>Outputs Section</p> <p>Audio-Network</p>	<p>XLR-female: 8 audio inputs, analog or digital (AES/EBU), selectable in pairs</p> <p>XLR-male: 16 audio outputs, analog</p> <p>EtherCON: 2 ports for AVB audio-streams and control via Ethernet</p> <p>8 AVB input channels from up to 8 streams</p> <p>16 AVB output channels in 2 streams</p> <p>2 SIM bus ports for linking to the SIM 3 audio analyzer for measuring processor output</p>
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SIM

CONTROL

<p>Meyer Sound</p> <p>Third Party</p> <p>On Device</p>	<p>Compass 4 (PC/Mac), Compass Go 2.0 (iPad)</p> <p>Network-enabled controllers like Crestron or AMX; OSC, text commands</p> <p>Mute buttons for inputs and outputs</p>
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AC POWER

<p>Connector</p> <p>Safety Rated Voltage Range</p>	<p>PowerCON® 20</p> <p>100–240 V AC, 50–60 Hz</p>
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PHYSICAL

<p>Dimensions</p> <p>Weight</p>	<p>2-space rack 19.00” w x 3.48” h x 16.14” d (483 mm x 88 mm x 410 mm)</p> <p>16.8 lbs (7.6 kg)</p>
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