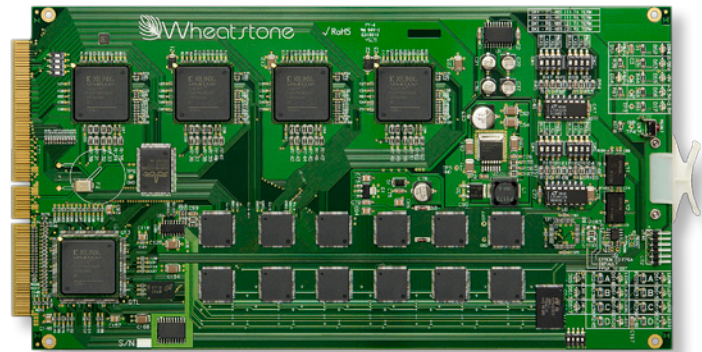


GIBRALTAR™

DIGITAL MIX ENGINE



WHAT IT'S GOT

Gibraltar is not a standalone product - it's the new mix engine for Wheatstone's TDM-based audio networking system. Gibraltar boasts the latest FPGA and multi-core DSP processors to give you the best of all worlds: massive mixing capability with the audio finesse of DSP based processing. In concert with the Wheatstone Bridge routing system and its 3072 X 3072 routing matrix, you get any signal/any format/any fader on-the-fly mixing with no preset configurations or show templates to get in your way.

SUMMING IT UP

You won't find Gibraltar unless you go looking for it. It's buried deep inside our new mixer and routing products. But it will enable you to do far more than you ever thought possible with your audio consoles. Even though they don't grow in size, they grow in capabilities. And that's what it's all about!

FEATURES

- Up to 1024 DSP processing signal paths (any combination of 5.1, stereo, and mono channels)
- Apply all processing functions to 768 input paths and 256 mix output paths simultaneously
- Flexible mixing architecture allows over 500 mix bus capability
- 4 band fully parametric EQ with HF/LF peaking or shelving
- 3 parametric filters (high pass, low pass, & notch)
- Parametric compression, limiting, and gating
- 16 control channels for keying/ducking/sidechain applications
- Panning and surround imaging control
- Individual input and output delay capability; up to 650mS per path
- Modular design, hot-swappable cards
- Fiber or Cat-5 connectivity