

DARK DAWN 1616M **16 Channel Dante/Ravenna** **Audio Interface**

Highlights



- **16 analogue inputs and 16 analogue outputs**
- **Front panel gain adjust per channel**
- **16 PPM meters plus hi resolution meter for setting levels**
- **Double redundant networks on wired connection and via SFP modules**
- **Remote control on Dante version using GlenController or UDP commands**

The DARK DAWN 1616M the latest of the industry standard, DARK Dante/AES67 interfaces, incorporating user-requested features. These interfaces are multichannel analog and AES input/output devices for installation where cosmetic appearance is important, without compromising the robustness of the original DARK 1616. The 1616M is a 16-channel device with the channels assigned in pairs 16 in, 16 out. Inputs are mic/line/48v phantom power switchable. Channel gain can be adjusted from the front panel or remotely via GlenController (Dante version) or UDP control on a separate network connection. Network connections are via AES67 compliant Dante or RAVENNA. The front panel includes 16 individual channel meters plus a single hi-res meter for setting levels and a 1/4" headphone socket for monitoring. Power is from twin multimode AC supplies at the rear of this 1u unit. The front panel is machined from a single block of aluminium with no screwheads or connectors visible.

Analogue connections are D25 connectors. Inputs can be switched between mic, line, and 48-volt phantom power. The unit can be controlled remotely with the Dark Controller app allowing input selection, gain adjustment, and input on/off. Metering is provided for each input to monitor the input level and set the gain. The app provides password protection.

The 1616M has redundant AC power supplies and network links with status GPOs. Both primary and secondary network links have copper or fibre connections. Seamless changeover is provided by the redundant system. The primary and secondary network interfaces are routed internally via a network switch. This can be set as a network switch instead of the default redundancy mode.