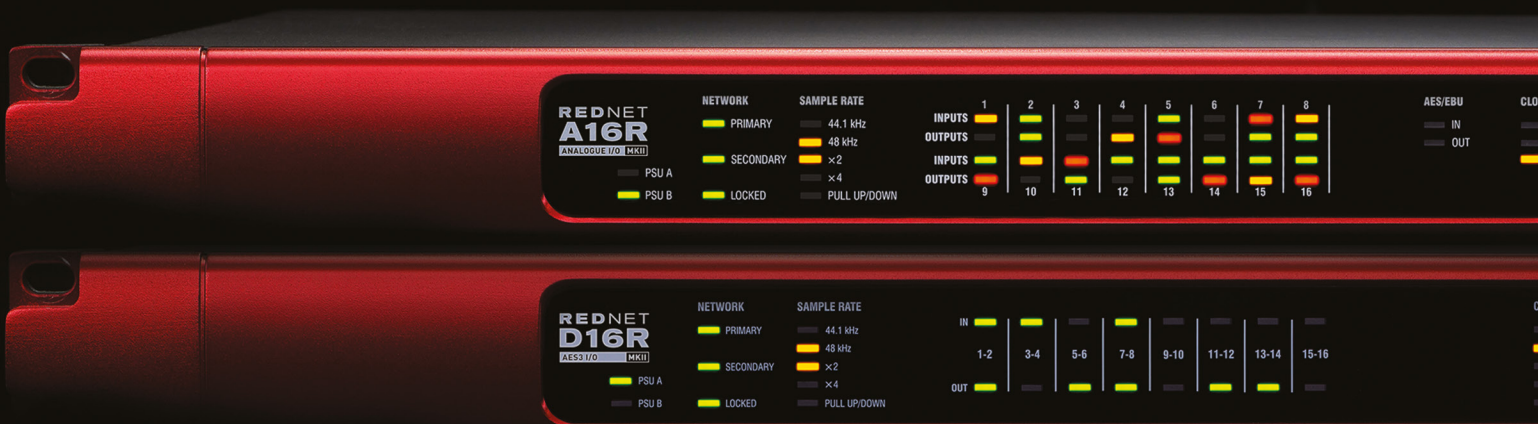# REDNET®

INTRODUCING
REDNET A16R MKII
& REDNET D16R MKII

**Updates to popular Focusrite Dante interfaces
provide channel level control for all inputs and outputs**

We are excited to announce the upcoming release of two new products in the RedNet range of Dante-enabled Audio-over-IP interfaces: RedNet A16R MkII and RedNet D16R MkII. Both models share the same feature set as their predecessors, but feature level controls for individual input and output channels. This allows precise calibration of all inputs and outputs, making the process of accurate alignment of connected equipment more straightforward. Changes to levels, in 1dB steps, are made using the included RedNet Control software.

New Improvements:

- **Individual I/O Channel Level Control:** Control the individual input and output levels of RedNet A16R MkII & RedNet D16R MkII.

- **Precise Level Adjustment:** Device profiles for RedNet A16R MkII and RedNet D16R MkII in RedNet Control will feature trim fader for adjusting input and output levels in 1dB increments.

- **Dim & Mute Functions:** Software controls for dim and mute provide greater flexibility over independent I/O channels.

REDNET
A16R
ANALOGUE I/O MKII

REDNET
D16R
AES3 I/O MKII

Focusrite® PRO

REDNET®

A16R MKII

16x16 Analogue I/O With Independent Level Control

REDNET A16R
ANALOGUE I/O MKII

RedNet A16R MkII is a 16-channel bi-directional analogue Interface for Dante networks, with two channels of AES3 I/O. Precision A-D and D-A conversion provides 118dB of dynamic range, flat from 20Hz to 20kHz (+/- 0.1dB). Individual input and output channel level controls allow for precise adjustment of all I/O levels using RedNet Control. With two power supplies and primary and secondary etherCON network connectors, RedNet A16R MkII is perfect for critical-path applications in recording, post production, live sound and broadcast. Built-in redundancy features allow for silent fail-over in the event of power or network outage, providing reassurance for system technicians.

Analogue inputs and outputs are connected through four rear-panel AES59-configured DB25 connectors, while an additional pair of AES3 I/O is provided through male and female XLR for added flexibility. The XLR input can accept DARS signals in addition to AES3. Word Clock I/O on BNC connectors allows external devices to clock to RedNet A16R MkII, or alternatively allows RedNet A16R MkII to act as a network clock grand master.

RedNet A16R MkII is well suited to permanent installation and repeated strike and setup: all connectors lock and remain terminated even under stress, providing worry-free installation and peace of mind once situated in a rack.

- **16-channel bi-directional analogue interface for Dante networks, with additional two-channel AES3 I/O**

- **Precision A-D and D-A conversion with 118dB dynamic range, flat from 20Hz-20kHz (+/- 0.1dB)**

- **Individual input/output channel level control using RedNet Control software**

- **Dual PSUs with locking IEC inlets**

- **Dual locking etherCON connectors for Primary and Secondary network connections**

- **Power supply and ethernet redundancy with auto switchover in case of failure**

- **Front-panel LED indicators for PSU, network, sample rate, signal present and clock source status**

- **Sample rate conversion on the AES3 inputs allows external equipment to run at any sample rate**

- **Analogue I/O on four AES59-standard DB25 connectors**

- **Digital I/O on a pair of XLR connectors (AES3)**

- **Rear-panel XLR connector can either be used as a DARS input or as a traditional AES3 audio input**

- **BNC connectors for Word Clock input and output**

- **Compact 1U chassis allows maximum functionality in minimum rack space**

- **AES67 and AES70 compliant**

- **SMPTE ST 2110 compliant (requires Dante Domain Manager, sold separately)**

- **Full operability with Focusrite RedNet and Red interfaces, plus all Dante devices from hundreds of manufacturers**

- **Remote control and device management with RedNet Control. Routing and audio subscription management using Dante Controller**

REDNET®

D16R MKII

16x16 AES3 I/O With Independent Level Control

RedNet D16R MkII is a 16-channel bi-directional digital interface for Dante networks. The 1U rackmount device features individual input and output channel level controls, allowing for precise calibration and control of all input and output levels using RedNet Control. Like its predecessor, RedNet D16R MkII features power supply and Ethernet redundancy with auto switchover in case of power or network failure.

Various connection options make RedNet D16R MkII a flexible addition to any Audio-over-IP system. A pair of DB25 connectors each connect eight channels of AES3 I/O into and out of the interface, while XLR and RCA ports enable two-channel AES3 and S/PDIF connections, respectively, to be made.

Sample rate conversion on every input enables external equipment to operate at different sample rates, and DARS signals are accepted on the XLR connector. Word Clock I/O on BNC connectors allows synchronisation to house clock, or syncing external equipment to the Dante network.

- **16-channel bi-directional digital interface for Dante networks**
- **Individual input/output channel level control using RedNet Control software**
- **Dual PSUs with locking IEC inlets**
- **Dual locking etherCON connectors for Primary and Secondary network connections**
- **Power supply and ethernet redundancy with auto switchover in case of power or network failure**
- **Front-panel LED indicators for PSU, network, sample rate, signal present and clock source status**
- **Sample rate conversion on all input channels**

- **Two DB25 connectors with AES59 standard configuration; each carries eight channels of AES3 I/O**
- **RCA connectors for two-channel S/PDIF input and output**
- **XLR connections for alternate AES3 I/O and DARS input**
- **BNC connectors for Word Clock input and output**
- **Compact 1U chassis allows maximum functionality in minimum rack space**
- **Full operability with Focusrite RedNet and Red interfaces, plus all Dante devices from hundreds of manufacturers**
- **Remote control and device management with RedNet Control. Routing and audio subscription management using Dante Controller**