

LEGACY EVOLVED!

ANDIAMO

is a powerful, high-end AD/DA converter offering simultaneous conversion of 32 audio channels from analog to digital and vice-versa and sharing with the PRODIGY Series the extremely high sonic quality.

The third generation of ANDIAMO takes the features that made the product famous worldwide and expands them to reach a new level.

Housed in an elegant, space-saving 1U 19" casing, it allows conversion to and from MADI via two SFP ports, while the audio network option supports either RAVENNA / AES67 or Dante or SoundGrid bringing the total channel count of the device up to 288 inputs and outputs.

Management

ANDIAMO can be managed remotely via globcon remote software using the dedicated ethernet port placed in the back of the unit. Basic functions are quickly accessible via two function buttons on the front panel.

Remote control via globcon (Windows® / macOS®) offers access to the following features:

- Signal routing on a per-channel basis
- 8 Summing Busses
- Level control for input and output channels (gain and level trim)
- Redundancy management (EARS™)

Quick overview

The front panel provides status LEDs for real-time monitoring of signal condition for all analog input and output channels.

Clocking

Selectable clock sources are word clock, MADI input, audio network or the internal clock. The current system clock is provided at the word clock output at any time.

Redundancy

Two MADI ports offer seamless port redundancy and switchover.

Two audio network ports are connected to independent NICs and can be configured to offer network redundancy – ST 2022-7 (RAVENNA) or Primary/Secondary (Dante).

TECHNICAL DETAILS

MADI Ports (I/O):	2 x SFP (empty cage without module)*
Network:	2 x RJ45 (1 Gbit/s), audio network 1 x RJ45 (1 Gbit/s), management
Analog (I/O):	8 x DSUB-25 (balanced), AES59 compliant
Analog Level (I/O):	+24 dBu (+15 or +18 dBu available upon request)
<i>A/D Section</i>	
SNR:	-117.6 dB RMS (20 Hz - 20 kHz) / -119.9 dB(A)
THD @-1 dBFS:	-119 dB
Frequency Response:	-0.15 dB (10 Hz) /-0.15 dB (20 kHz)
<i>D/A Section</i>	
SNR:	-116.8 dB RMS (20 Hz - 20 kHz) / -119.5 dB(A)
THD @-1 dBFS:	-109 dB
Frequency Response:	-0.5 dB (10 Hz) /-0.15 dB (20 kHz)
Word Clock (I/O):	2 x coaxial BNC (75 Ω switchable)
Sample Rates:	44.1, 48, 88.2, 96, 176.4, 192 kHz (+/- 12,5%)
MADI Formats (I/O):	48k Frame, 96k Frame, 56/64 channel, S/MUX
Audio Network Options:	RAVENNA (128 channels @ 1 FS) Dante (64 channels @1 FS) SoundGrid (128 channels @ 1 FS)
Power Supply:	2 x 84 V to 264 V AC / 47 Hz to 63 Hz / safety class 1
Dimensions:	Width 19" (483 mm) Height 1 RU (44.5 mm) Depth 10" (254 mm)
Weight:	about 4 kg

* optional accessory: SFP modules (LC single-mode or multi-mode)

EARS™ (Enhanced Automatic Redundancy Switching™) is also available on all digital inputs. It is a unique technology to prevent interruption of the output signal.

EARS™ uses either the proven BLDS™ technology or pilot tone triggering. A logic monitors the condition of the trigger signal on the selected digital input. In case of a failure it switches automatically to the backup input (MADI or audio network).

Safe operation

Thanks to two phase-redundant power supplies with separate IEC inlets and AC power switches on the rear panel the device offers the highest reliability.

