

FOR SALE

**1x ex-demo Calrec Hydra Audio Stage Box
Analog 24 in – 8 out**

**1x ex-demo Calrec Hydra Madi AES 10 Digital Interface
2x MADI in/out (2x 64/56 channels)**

Audio Connectors: BNC & Singlemode SC fiber

Detailed Technical Description listed below!

**Equipment is in top condition and only rarely used
Equipment will be sold as a package!**



Price on request:

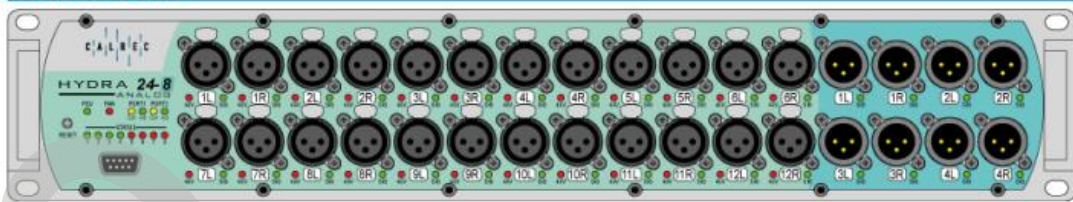
Excl. VAT

Excl. shipping & insurance costs

Excl. custom fees

Technical specification Calrec Audio Stage Box Hydra 24-8:

FRONT PANEL VIEW



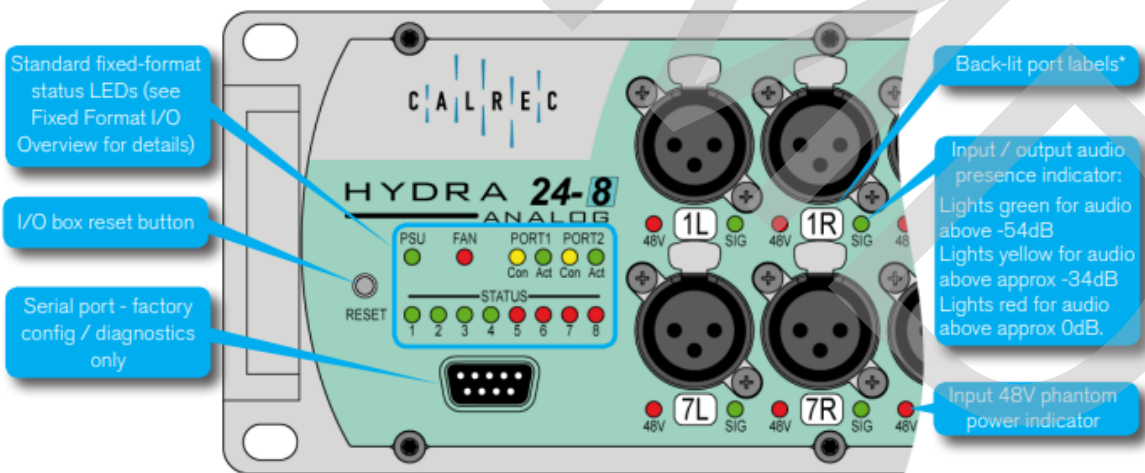
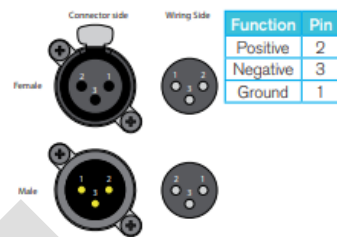
REAR PANEL VIEW



UNIT SPECIFICATIONS

Format	Analog
Inputs	24 Mic / Line
Outputs	8 Line Level
Audio Connectors	XLR (Inputs - Female, Outputs - Male)
GPIO compatible	Yes
Height	2U
Width	19" rackmount (483 mm)
Depth	9" (230 mm)
Depth inc rear mating connectors	12" (300 mm)
Approx Weight	12.5 lbs (5.7 kg)
Input Power	100-240 V AC, 0.60-0.31 A RMS, 50/60 Hz
Acoustic Noise	26 dB-SPL A-Weighted, 1 m from source

XLR CONNECTORS



Input gain & impedance

All fixed format analog inputs accept mic and line level signals. Input impedance is automatically switched dependant on the gain setting of each input. The gain of each input can be controlled from -18 to +78dB remotely from any mixing console on the network that has been granted access. The impedance can be set globally to changeover at +18, 20, 22 or 24dB of input gain.

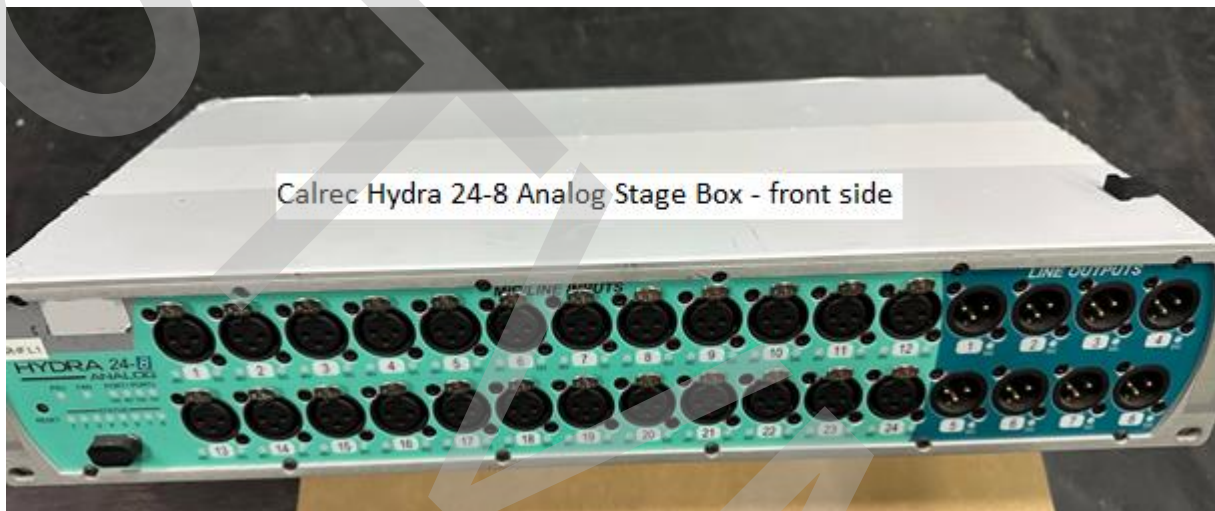
Phantom power

Phantom power can be switched on or off to each mic / line input remotely from any mixing console on the network which has been granted access.

Analog reference level

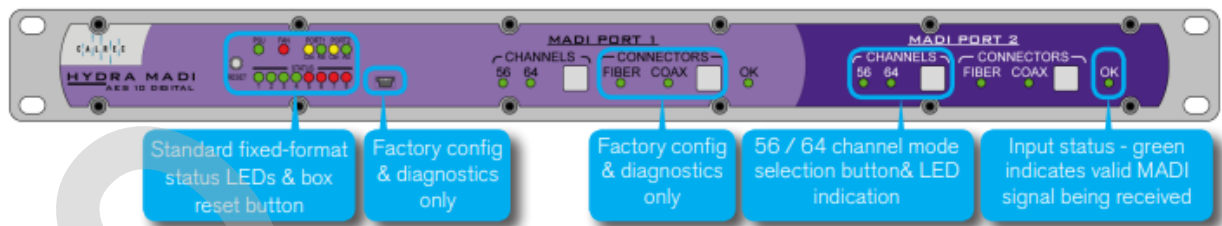
The analog-to-digital, and digital-to-analog conversion level is set globally across the Hydra2 network. The most common values used are +4dBu analog = -20dBFS digital, and 0dBu analog = -18dBFS digital.

Pictures of the equipment:

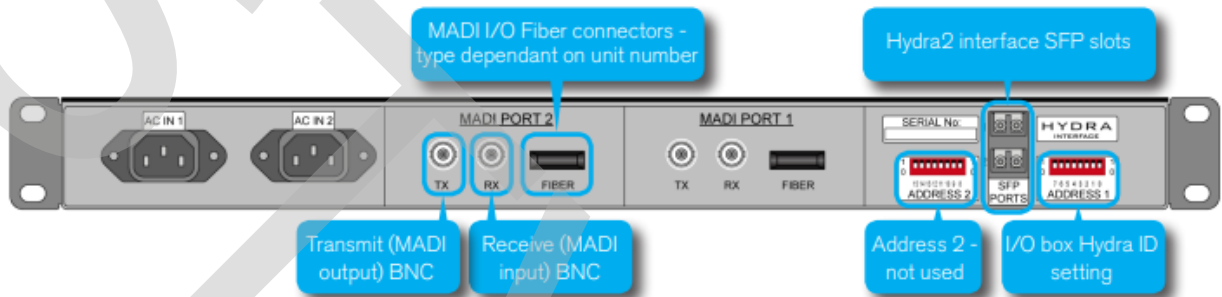


Technical Specification Calrec Hydra Madi AES 10 Digital Interface:

FRONT PANEL VIEW



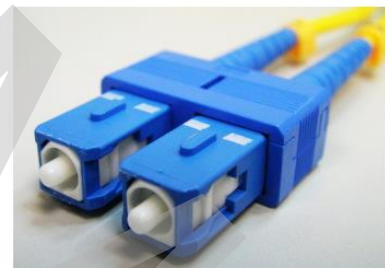
REAR PANEL VIEW



UNIT SPECIFICATIONS

Format	MADI (AES10)
Inputs	2 x MADI (2 x 64 / 56 channels)
Outputs	2 x MADI (2 x 64 / 56 channels)
Audio Connectors	BNC & Singlemode SC Fiber
GPIO compatible	NO
Height	1U
Width	19" rackmount (483 mm)
Depth	9" (230 mm)
Depth inc rear mating connectors	12" (300 mm)
Approx Weight	7.5 lbs (3.4 kg)
Input Power	100-240 V AC, 0.20-0.12 A RMS, 50/60 Hz
Acoustic Noise	N/A - No fans fitted in this unit

SINGLEMODE SC FIBER CONNECTOR



- Image above shows 2 x SC singlemode (color coded blue for singlemode) connectors fitted into duplex housing. The Duplex housing is optional, but ensures correct polarity when connecting to I/O box.

Connectivity

Like all I/O boxes, Hydra2 network components interface via pluggable SFP modules, allowing the connection type to the Calrec routing network to be changed as and when needed. The actual MADI audio I/O fiber connections, used to interface with other MADI systems however, are of a fixed type that cannot be changed. The type of MADI I/O fiber connections required dictates the I/O box that should be ordered.

Other than MADI I/O fiber connectivity, all MADI I/O box types are identical. In addition to fiber connectivity, all MADI I/O boxes also have MADI inputs and outputs via BNC connectors for coaxial copper use.

I/O & audio channels

All MADI units have 2 x MADI inputs (labelled “Rx” —receive) and 2 x MADI outputs (labelled “Tx” —transmit), providing a total maximum of 128 channels of inputs and 128 channels of outputs, simultaneously, per MADI I/O box. The I/O is grouped under two “ports”—each port consisting of 1 x MADI input stream, & 1 x MADI output stream. Each port can be selected independently to operate in the standard 64 channel mode, or 56 channel mode to match the equipment being interfaced with. The input for each port can be independently selected to receive via either the copper or fiber connector. Outputs from the box are fed to both copper and fiber connectors simultaneously, irrespective of this setting.

Fans / airflow

MADI I/O units are not fitted with fans. Cooling is by natural airflow through the side panels which should not be obstructed.

GPIO

Due to the compact 1U enclosure, MADI I/O boxes can NOT be fitted with a GPIO card.

Sample rate conversion & sync

There is no sample rate conversion available for MADI I/O. To guarantee audio performance, equipment being connected to MADI I/O should be locked to the same derived sync source as the Calrec router.

Pictures of the equipment:



sports tv media
distribution

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