

modaLIGHT[®]

SPECIFICATION

The Pharos RIO A (Remote Input Output Audio) device provides a convenient and scalable way to add audio integration to your Pharos system. The RIO A has an audio input, supporting linear timecode or up to 30 band spectrum analysis, as well as a MIDI input and output. Each device can be placed where it is needed and connected to the Controllers over an Ethernet network.

PHAROS RIO A (AUDIO)



CAPABILITIES

Audio In	Volume level and up to 30 band spectrum analysis per channel, including peak decay rate control and manual or automatic gain Maximum 4 audio inputs per system
Timecode	Timecode support via MIDI (MTC) or either audio channel (LTC) User configurable fly-wheel, error correction routines and jump support Maximum 6 Timecode inputs per system
Linear Timecode (LTC)	Format auto-detection with support for 24fps (film), 25fps (EBU), 29.97fps (NTSC) & 30fps (SMPTE)
MIDI	Input and Output of freely configurable Short messages (Notes), MIDI Show Control or Extended Messages using convenient message composer or MIDI Time Code (MTC) input

INTERFACES

Ethernet	RJ45 socket for 10/100Base-TX Ethernet with Link/Data LEDs; Fixed IP or DHCP; Power-over-Ethernet (PoE)
Audio In	Stereo balanced line level (0dBV) *
MIDI In & Out	Standard 5-pin DIN

* Install-friendly 0.200" (5.08mm) plug in rising clamp connectors (included)

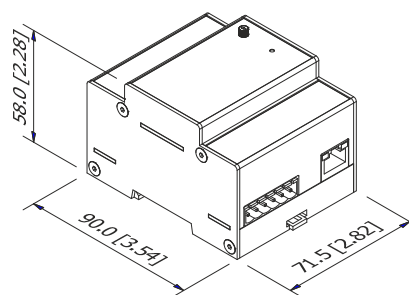
ORDER CODE & VARIANTS

RIO 80	Remote Input Output Device 80 (8 input, 0 output, Serial/DMX) Pharos Controller required
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SPECIFICATION

Certifications	CE compliant, ETL/cETL listed
Power	PoE (IEEE802.3af, Class 1) 1.5W typical
Required	Any Pharos Controller
Addressing	By rotary selector switch
Temperature	0°C to 50°C (32°F to 122°F)
Physical	4 unit wide DIN rail mounting enclosure (DIN43880 / EN60715 (35/7.5 rail))
Weight	0.3 kg (0.7 lbs)
Shipping	20 x 15 x 12 cm (8" x 6" x 5") 0.5 kg (1.1 lbs)
Recovery	Hardware watchdog and recessed reset button
Warranty	5 years

DIMENSIONS



STANDARDS & CERTIFICATIONS



5
YEAR
WARRANTY

Project Name:

Notes: