R Series

I/O Rack

Rear Panel

RMio64-D

Dante™ 96 AUDIO DSP 1U

Dante/MADI conversion I/O rack supporting a wide range of broadcast and live sound applications.

- Built-in sample rate converters on inputs and outputs
- Supports Dante redundancy
- Redundant MADI connections can be made via optical and coaxial cables
- MADI signals received via an optical (coaxial) input that can be retransmitted via a coaxial (optical) output
- Mounting, Dante patching, and SRC settings can all be remotely controlled from a CL or QL series console
- Nuage system offers Direct Monitoring functionality for recording, precision VST System Link synchronization
- Supports remote controllability via Nuage Workgroup Manager system management software

GENERAL SPECIFICATIONS

Sampling Frequency	Internal:	44.1kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±50ppm
		48kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±50ppm
		88.2kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±50ppm
		96kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±50ppm
		176.4kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±50ppm
		192kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±50ppm
	External:	44.1kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±200ppm
		48kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±200ppm
		88.2kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±200ppm
		96kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±200ppm
		176.4kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±200ppm
		192kHz	+4.1667%/+0.1%/-0.1%/-4.0% ±200ppm
MADI Channels & Formats	fs=44.1kHz/48kHz: MADI Single fs 44.1/48k frame, 56/64 channels		
	fs=88.2kHz/96kHz: MADI Double fs 44.1/48k frame, 28/32 channels		
	MADI Double fs 88.2/96k frame, 28/32 channels		
	fs=176.4kHz/192kHz: MADI Quad fs 44.1/48k frame, 14/16 channels		
SRC	SRC Lock Range: 38.59kHz – 216kHz		
	Sample Rate Ratio Limit: 6:1		
Dimensions (W x H x D)	480 x 44 x 374mm (18.9" x 1.73" x 14.7"), 1U		
Weight	4.7kg (10.3lbs)		
Power consumption	25W		
Power requirements	US/Canada: 120V 60Hz		
	Japan: 100V 50/60Hz		
	China: 110 – 240V 50/60Hz		
	Korea: 220V 60Hz		
	Others: 110 – 240V 50/60Hz		
Temperature Range	Operating temperature range: 0 – 40 °C		
	Storage temperature range: -20 – 60 °C		
Included Accessories	Owner's Manual, AC power cord		

DIGITAL I/O SPECIFICATIONS

Terminal	Format	Data length	Level	Connector
Primary / Secondary	Dante	24bit	1000Base-T	etherCON x2

Terminal	Format	Data length	Level	Connector
MADI IN 1 - 64	AES 10-2008 (MADI)	24bit	ECL	BNC Connector
			-31 – -14dBm	SC Connector
MADI OUT 1 - 64			ECL	BNC Connector
			-20 – -14dBm	SC Connector

CONTROL I/O SPECIFICATIONS

Terminal		Level	Connector
WORD CLOCK	IN	TTL/75Ω terminated	BNC Connector
	IN for SRC	TTL/75Ω terminated	BNC Connector
	OUT	TTL/75Ω	BNC Connector
System Link Out		1.0±0.2Vp-p/75Ω*	BNC Connector

*AES-3id

DIMENSIONS

unit : mm