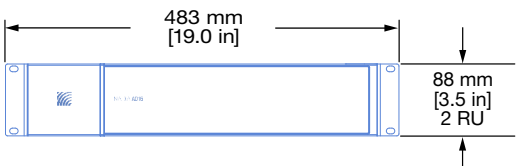
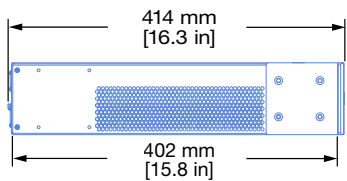
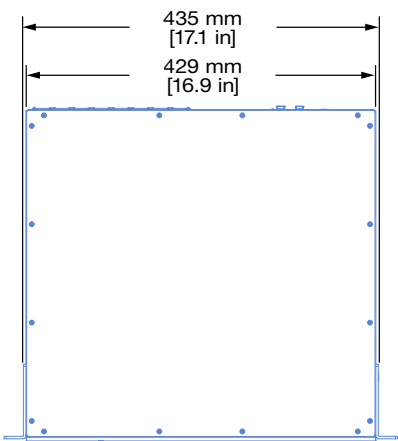


# NADIA-AO16



## SPECIFICATIONS

PHYSICAL	
Weight	16.4 lb (7.44 kg)
Dimensions	2 RU, 19 in (483 mm) wide, 3.48 in (88 mm) high, 16.22 in (412 mm) deep
Enclosure	Metal, slightly textured black finish
IEC Ingress Protection Rating (IP Rating)	Indoor use only
AC POWER	
Connector	Neutrik powerCON TRUE1 TOP
Operating Voltage Range	100 – 240 V AC, 50 or 60 Hz, automatic voltage selection
Max Long-Term Continuous Power (>10 sec)	125 Watts
NETWORK	
Audio Network	Primary/Secondary 1Gb etherCON Ethernet network ports, Milan AVB-enabled for digital audio connection to NADIA-CP modules, telemetry reporting
ANALOG AUDIO	
Type	Differential, electronically balanced
Connectors	16 gold-plated XLR 3-pin male
Output Impedance	50 $\Omega$ differential between pins 2 and 3
Wiring	Pin 1: Chassis/earth through 1 k $\Omega$ , 1000 pF, 15 V clamp network to provide virtual ground lift at audio frequencies Pin 2: Signal + Pin 3: Signal – Case: Earth ground and chassis
Maximum Output Level	+26 dBu, balanced

DIGITAL AUDIO	
Digital Audio Conversion	96 kHz sample rate, 24-bit resolution
Milan Audio Stream Format	AAF, PCM 96 kHz sample rate, 32-bit resolution
ENVIRONMENTAL	
Operating Temperature Range	0° C to +45° C
Non Operating Temperature Range	−40° C to +75° C
Humidity	To 95% at 35° C non-condensing
Operating Altitude	To 2000 m (6560 ft)
COMPLIANCE	
Safety Agency Certification	Standard for audio, video and similar electronic apparatus: <ul style="list-style-type: none"><li>• cULus 62368-1, EN 62368-1, IEC 62368-1, IS 616</li></ul>
EMC Certification	CE and FCC Part 15 Emission Class A emission limits applied.