A164D WALL LCD
AUDIO INTERFACE
Control, route and mix audio across multi-space venues.

KEY FEATURES

A 16 mic/line and 4 line out expander unit. The A164D WALL LCD provides fixed local I/O for remote performance areas with S-LCDs for intelligent labelling and visual feedback. Wall fitting units are available.

- Designed for Wall Mount installation
- Intelligent labelling and interrogation S-LCDs
- Dante connetivity

TOP PANEL

2 x Locking EtherCON ports
1 x IEC C14 or Hardwired (optional)
1 x Mains input (100-240VAC)

FRONT PANEL

16 x Mic Preamps on XLR with Phantom Power status LEDs
4 x XLR Line outs

4REA4 is a revolution in audio mixing for installed sound. Built on DiGiCo's world class reputation for the finest mixing consoles, 4REA4 helps you integrate your systems better than ever before.

The 4REA4 centralised DSP engine is the hub of the system containing powerful signal processing, expansion slots and connectivity to input/output modules, controllers and other consoles.

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The audio interface shall have sixteen mic/line inputs on XLR connectors with remote controlled pre-amplifiers. Inputs shall have individually selectable phantom power with front-panel indication of status. It shall also have four line level outputs on XLR connectors.

Each socket shall have a coloured backlit LCD display above it which shall display the socket name. The back light shall automatically turn off after a preset time.

There shall be two locking EtherCON ports. One shall be a primary Dante port and the other a secondary Dante port. These two ports shall have two modes which shall be chosen in Dante Controller. In Switched mode, the two ports shall be switched together. In Redundant mode, the ports shall work as a redundant pair with separate IP addresses meaning that if the primary connection fails, the secondary connection shall take over.

The mains input shall accept 100 – 240V, 50/60Hz, 40W max via an earthed 3-pin IEC male connector or through an optional screw terminal with cable gland mounted on the rear chassis. It shall also be possible to power the unit with 12V DC, either as a primary or secondary supply.

It shall be possible to mount the audio interface in a wall or leave it free-standing. There are different mounting options including the NEMA 12x12" box, for horizontal, vertical, flush or straight mount.

The dimensions of the audio interface shall be
210 (w) x 250 (h) x 87 (d) mm
8.27 (w) x 9.84 (h) x 3.43 (d) inches
Unpacked Weight: 6Kgs (13.23lbs)

The audio interface shall be a DiGiCo A164D WALL LCD

SPECIFICATIONS

Sample Rate: 48kHz or 96kHz

Mix/Line XLR Inputs: Balanced XLR, +48V Phantom Power

Mic/Line Preamp: Fully recallable

Analogue Gain: +5 to +60dB, 1dB steps

Pad: -20dB Active PAD

Maximum Input Level: +30dBu (PAD in)

Input Impedance: >4kΩ (Pad out), >10kΩ (Pad in)

Mic EIN: -127dB with 150Ω source

Analogue XLR Outputs: Balanced, Relay protected

Output Impedance: <75Ω

Nominal Output: +4dBu = 0dB meter reading

Maximum Output Level: +22dBu

Residual Output Noise: -93dBu (22Hz-22kHz)

Operating Temperature Range: 0°C to 35°C (32°F to 95°F)

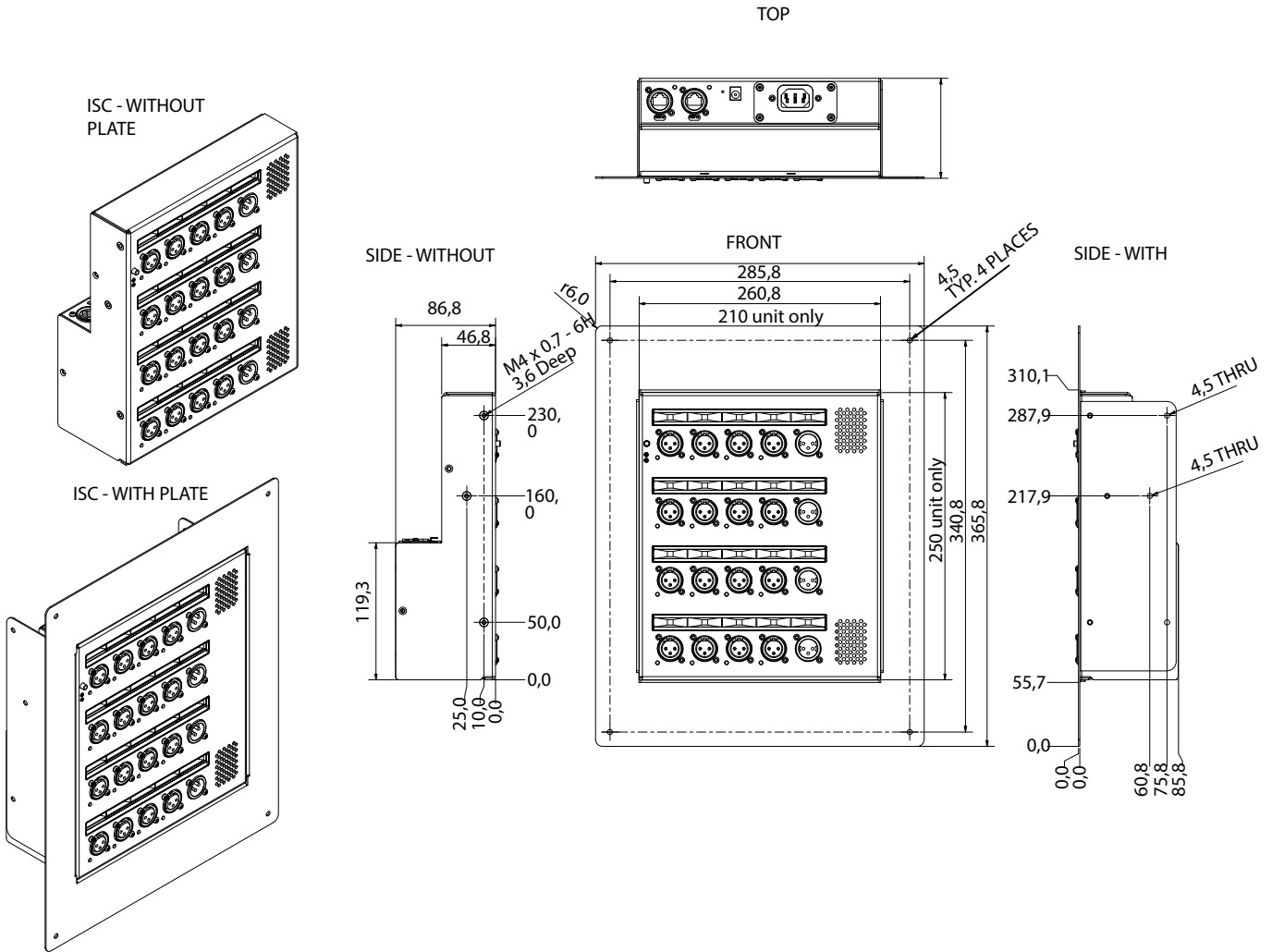Mains Voltage Operating Range: 100-240V AC, 50/60Hz

Mains Power Consumption: 40W max

DC Input: 12V DC, 3A max

Built on years of live audio experience and working closely with our customers, 4REA4 has been designed to meet the expanding performance requirements of large performance venues, conference centres, cruise ships, houses of worship, theatres, music venues and shared stages at festivals.

TOP

ISC - WITHOUT PLATE

ISC - WITH PLATE

SIDE - WITHOUT

FRONT

SIDE - WITH

86,8

46,8

119,3

r6,0

M4 x 0.7 - 6H
3,6 Deep

230,0

160,0

50,0

0,0

25,0
10,0
0,0

285,8
260,8
210 unit only

4,5
TYP. 4 PLACES

250 unit only
340,8
365,8

310,1
287,9
217,9
55,7
0,0

4,5 THRU
4,5 THRU

0,0
0,0
60,8
75,8
85,8

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