A16⁄4 WALL LCD
AUDIO INTERFACE

Control, route and mix audio across multi-space venues.

KEY FEATURES

A range of 16 mic/line and 4 line out expander units. The A164WALL LCD and A164WALL provide fixed local I/O for remote performance areas. Wall fitting units are available with additional S-LCD units for intelligent labelling and visual feedback.

- Designed for Wall Mount installation
- A164WALL LCD with intelligent labelling and interrogation S-LCD's
- Proprietary CAT5e / etherCON RJ45 connection via new DiGiCo A3232 protocol

TOP PANEL

2 x A3232 connections
1 x IEC C14 or Hardwired (optional)
1 x Mains input (100-240VAC)
1 x Mode switch

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.

A164 WALL LCD
AUDIO INTERFACE

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 can either display the socket name or channel assignment. The back light shall automatically turn off after a preset time. (A164WALL LCD only)

There shall be two A3232 connections adjacent to a mode switch. The mode switch shall determine if the two connectors are to be used in Cascade mode or Redundant mode. In Cascade mode a cable may be run to a second audio interface for additional channel inputs. In Redundant mode a second cable may be run to a A3232 port on compatible hardware for increased infrastructure resilience.

The mains input shall accept 100 – 240V 50/60Hz 35W. 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.

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 A164WALL LCD / A164WALL

SPECIFICATIONS

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)

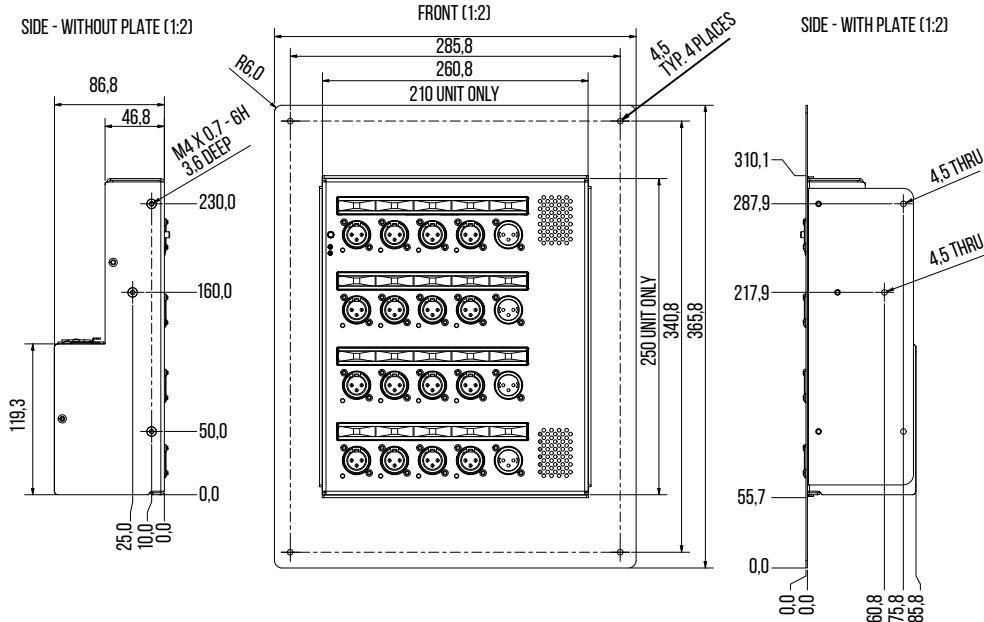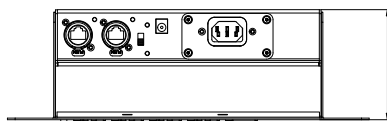Operating Temperature Range: 0°C to 35°C (32°F to 95°F)

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

Mains Power Consumption: 35W 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.

LINE DRAWING
All dimensions in mm

TOP (1:2)

ISC - WITH PLATE (1:2)

SIDE - WITHOUT PLATE (1:2)

FRONT (1:2)

SIDE - WITH PLATE (1:2)

86,8

46,8

M4 X 0,7 - 6H
3,6 DEEP

230,0

160,0

50,0

0,0

119,3

25,0
10,0
0,0

285,8
260,8
210 UNIT ONLY

R6,0

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

ISC - WITHOUT PLATE (1:2)

DiGiCo
www.digico.biz