

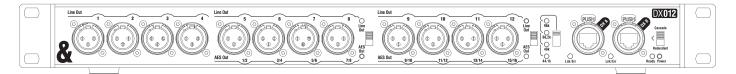
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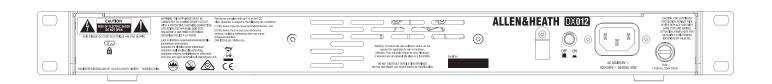
DX012 Technical Datasheet

Overview

- 12 XLR outputs, configurable as
 - o 12 analogue
 - 8 analogue + 4 stereo AES
 - 4 analogue + 8 stereo AES

- DX A and B with locking Ethercon ports
- Redundant or cascade mode
- Switchable AES sample rate





A&E Specifications

The unit shall be a 1U rack-mountable remote output device for Allen & Heath mixing systems. The remote audio rack shall provide 12 XLR outputs, configurable as 12 analogue, 8 analogue + 4 stereo AES, or 4 analogue + 8 stereo AES outputs. It shall connect to the mixing system over a single Cat cable.

The AES outputs shall be capable of 44.1, 48, 88.2 and 96kHz sampling rate.

Two Ethercon DX connectors shall be provided for transport of the digital audio. The unit shall be able to operate in 'redundant' or 'cascade' mode. In 'redundant' mode the unit shall provide full redundant connection to compatible mixing systems. In 'cascade' mode the unit shall allow series connection of two units.

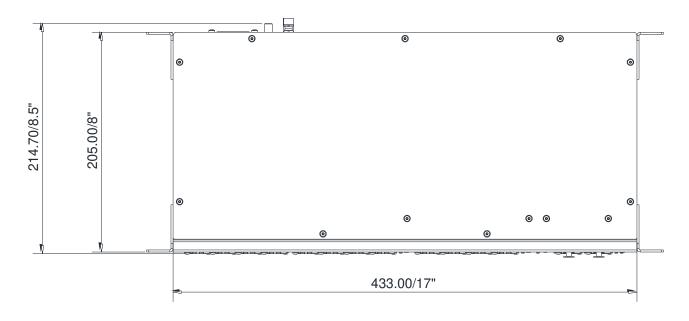
Unit firmware shall automatically be updated when connected to the digital mixing system.

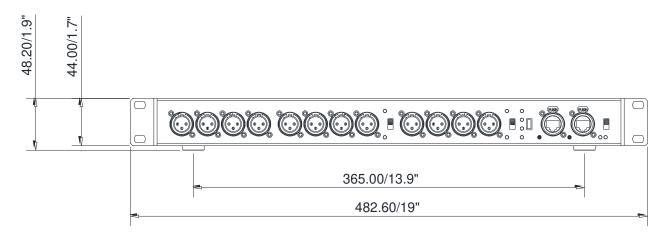
The remote audio rack shall have a built-in power supply accepting AC mains voltages of 100~240V, 50/60 Hz, 35W max via an earthed 3-pin IEC male connector on the rear panel.

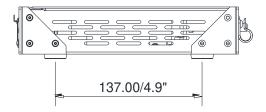
The rack ears shall be detachable and reversible so that the unit can be mounted with either side facing the front of the rack.

Recommended operating temperature for the remote audio rack shall be 0 to 40 degrees Celsius.

The unit shall be the Allen & Heath DX012.







System Specification

AES3 2 Ch XLR, 2.5V balanced, terminated $110\Omega\,$ **Digital Outputs**

Sample Rate 44.1kHz, 48kHz, 88.2kHz, 96kHz

Analogue XLR Outputs Output Impedance Balanced, Relay protected

<60 Ω

Nominal Output +4dBu = 0dB meter reading

Maximum Output Level +22dBu

-95dBu (22Hz-22kHz) -98dB (0dBu, 1kHz) Residual Output Noise THD+N

Operating Temperature Range 0°C to 40°C (32°F to 104°F)

Power

DX012

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

35W max

Dimensions and Weight Width x Depth x Height x Weight

482.6 x 48.2 x 214.7 mm x 2.95kg

(19" x 1.9" x 8.5" x 6.5lbs) DX012 (boxed) 600 x 335 x 150 mm x 4.1kg

(23.6" x 13.2" x 5.9" x 9lbs)

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