

StudioHub+[®]

D/A MatchJack



Description

The StudioHub+ D/A MatchJack is a professional stereo Digital to Analog converter. Inputs may be either Optical, S/PDIF, or AES/EBU digital. The input signal is converted to 24 bit analog audio and is output as balanced professional level via an RJ-45 wired to StudioHub+ pin-out standards. Sample rates of 32kHz, 44.1kHz, 48kHz and 96kHz are automatically selected based on the detected source sample rate. Power is supplied either via StudioHub+ “DC-Link” power (through either input or output RJ-45) or via an optional “wall wart” power supply. The StudioHub+ DA MatchJack is housed in a plastic enclosure.

Specifications

Digital Inputs: Optical (TOSLINK), S/PDIF (RCA Jack), AES/EBU (RJ45)

Sample Rate: Automatic selection, 32kHz, 44.1kHz, 48kHz, 96kHz.

D/A resolution: 24 bits, 128X oversampling

Analog Output: odBFS produces +24dBm (600 ohm load) balanced floating via RJ45

Dynamic Range: 112dB A WTD

THD: <.005% reference -1dBFS (20Hz - 20kHz, fs >= 44.1kHz)

<.01% @-1dBFS (20Hz - 14kHz, fs = 32kHz)

Frequency Response: +/- .25dB (20Hz - 20kHz, fs >= 44.1kHz)

+/- .25dB (20Hz - 14kHz, fs = 32kHz)

Power: External +/- 15 volts 200ma supplied via StudioHub+ or wall wart.

Indicators: power led

Dimensions: 2.8” x 4.5” x 1”



Power Locally or Centrally by StudioHub+
All products power independently with a wall power supply or via “DC-Link” as part of your StudioHub+ wiring system.



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