

Add-on module with RS232 and analog audio



Serial data transmission and analog audio

Add-on for Draco vario extenders

No additional cable required

Supports full-duplex transmission

Audio line-level interface

PRODUCT INFORMATION

Function

The add-on module for RS232 and analog audio provides serial data and analog audio transmission to KVM extender systems. The serial interface supports a full-duplex transmission. The signals are transmitted within the KVM data stream via the main extender module. No additional Cat X or fiber link is required.

Application

The module offers one serial interface (RS232) with hardware handshake. DCE devices may be connected to enable direct connection of devices such as

touch screens or joysticks. The audio interface allows parallel, bidirectional stereo signal transmission. A line level input allows signal transmission from a sound card or any other line level devices. You can easily connect peripheral devices such as microphones, headsets or speakers.

De-embedding

Commonly used AV and broadcast signals, including SDI, HDMI and DisplayPort include both audio and video signals within a single cable interface. When extended to the analog audio module, the audio signals are maintained within the AV interfaces and

additionally extracted and converted to analog audio for output on dedicated audio connectors.

The module also allows for the conversion of digital audio signals from CPU add-on modules to analog outputs.

Installation

The module is designed as a half-slot width card to be combined with other add-on modules, e.g. USB 2.0 devices. This provides a significant increase in functionality and flexibility. The Draco vario system allows flexible mounting of modules on all main modules and in all Draco vario chassis.

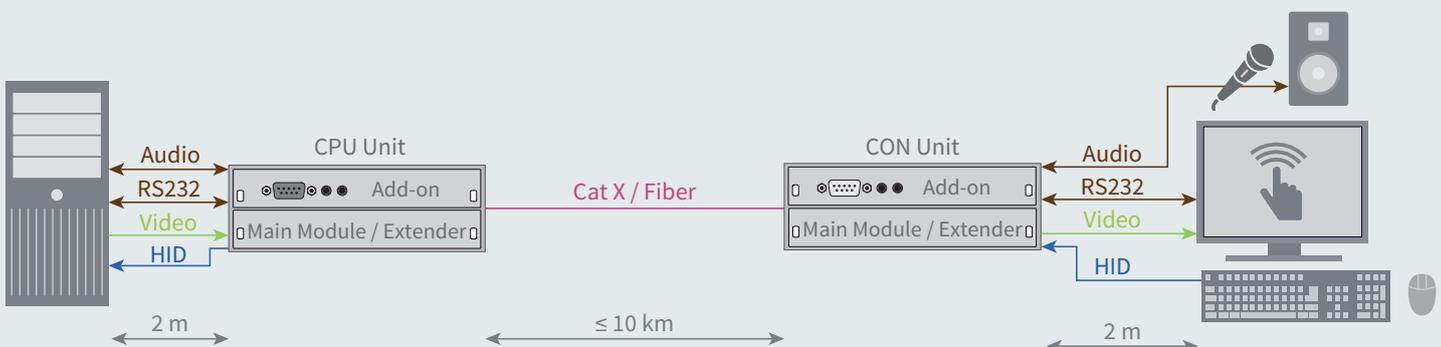
PRODUCT FEATURES

- Enables serial data transmission between workstation (CON unit) and computer (CPU unit)
- Transmission in the data stream of the main module, no additional port on the matrix required (function is also given over matrix)
- DCE (Data Communication Equipment) support
- Baud rate up to 115,200 Baud
- Line Level interface
- Parallel bidirectional stereo audio

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TECHNICAL DATA	
Part No.	L474-BAX (CPU) R474-BAX (CON)
Serial Interface (RS232)	
Connection format	DTE (Data Terminal Equipment)
Speed	Up to 115,200 baud
Data format	Format-independent
Analog Audio	
Transmission type	Digitizes virtually CD quality (16 bit, 38.4 kHz)
Signal level	Line Level (5 Volt Pk-Pk maximum)
Input impedance	47 kOhm
Output impedance	270 Ohm
Connection	2x 3.5 mm stereo jack plug (Audio IN & Audio OUT)
Maximum distance	Cat X: 140 m Multi-mode: 1,000 m Single-mode (9µ): 10,000 m
Power consumption	CPU: 70 mA CON: 70 mA

FUNCTIONAL DIAGRAM



ORDER NUMBERS



These models can also be extended by additional half-sided modules, for example USB 2.0 embedded or USB-HID. Combinations available on request.