

Add-on module with RS422 and analog audio



For serial data transmission (RS422)

Bidirectional stereo audio transmission

No additional link cable required

Differential full duplex transmission

Line level audio interface

Compatible with all Draco vario mainboards

PRODUCT INFORMATION

Function

The add-on module provides serial data and analog audio transmission to KVM extender systems. The RS422 interface supports differential full duplex transmission with up to 115,200 Baud. The signals are transmitted within the main board's KVM data stream. No additional Cat X or fiber link is required.

Application

While the CPU unit assumes the function of a controlling device and can be connected directly to video or media servers, the CON unit is designed as a controlled device and allows direct connection to remote controllers (e. g. EVS LSM controllers). The analog audio interface supports parallel, bidirectional stereo audio. In addition, the signal of a sound card or other line level device can be transmitted. Active

loudspeakers, microphone, headset etc. can be connected to the CON Unit.

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.

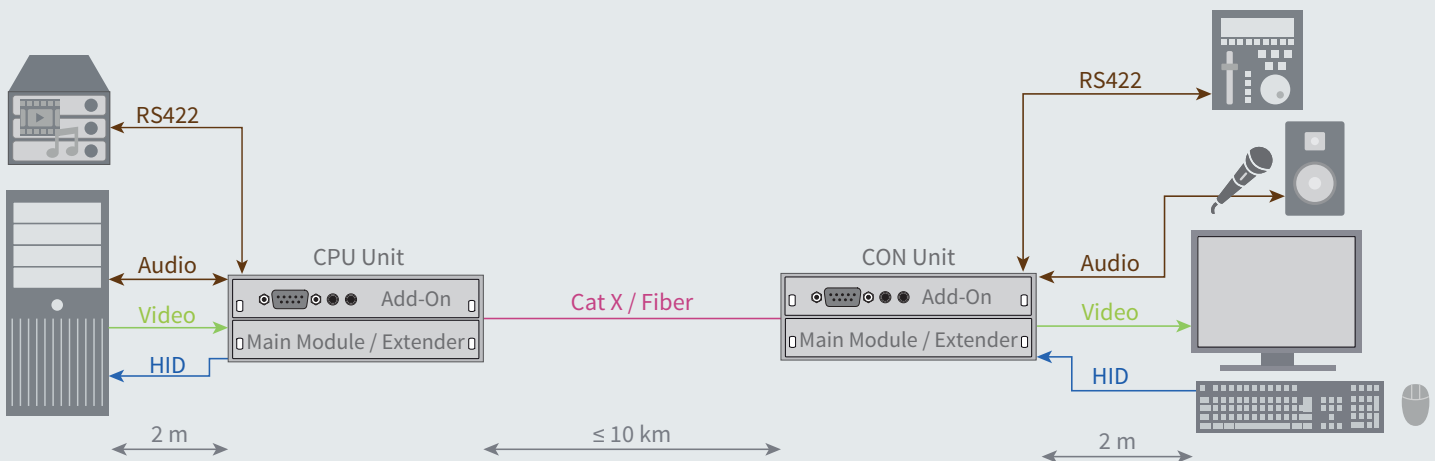
PRODUCT FEATURES

- Enables serial data transmission between workstation (CON Unit) and computer (CPU Unit)
- Transmission embedded into the data stream of the main module, no additional port on the matrix required (function is also given over matrix)
- Baud rate up to 115,200 Baud
- Line Level interface

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TECHNICAL DATA	
Part No.	L474-BSX (CPU) R474-BSX (CON)
Serial Interface (RS422)	
Connection format	Sony Standard
Speed	Up to 115,200 baud
Data format	Format-independent
Data transmission	Rx + (Receive Data) Rx - (Receive Data) Tx + (Transmit Data) Tx - (Transmit Data)
Analog Audio	
Transmission type	Digitilizes virtually CD quality audio (16 bit, 38,4 kHz)
Signal level	Line Level (5 Volt Pk-Pk Maximum)
Input impedance	47 kOhm
Output impedance	250 Ohm
Connection CPU Unit	2x 3,5mm stereo jack plug (Audio IN & Audio OUT)
Connection CON Unit	2x 3,5mm 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

	L474-BSX
	R474-BSX

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