

Add-on module with digital audio



Unidirectional digital audio transmission

Add-on module for Draco vario extenders

No additional link required

Up to three sources (RCA, TOSLINK, Mini-XLR)

Sample rate variable adjustable

Embedding + de-embedding (HDMI+DP audio)

Compatible with balanced audio modules

PRODUCT INFORMATION

Function

The add-on module provides digital audio transmission to KVM extender systems. An integrated sample rate converter allows the output of a predefined sample rate at the CON Unit. 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 digital audio add-on module is compatible with analog and balanced audio extenders. Full cross-over functionality allows the conversion between analog and digital audio devices at both ends, including the conversion between embedded audio signals (e.g. HDMI or DisplayPort) and analog audio. It allows the quick connection of sound bars, active speakers, audio mixer (e. g. Motu 828 Mk III) or digital to analog

converters (e. g. headphone amplifiers). An optical audio output from the TV set can also be transmitted via the KVM link.

Installation

The module is designed as a half-slot width board 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.

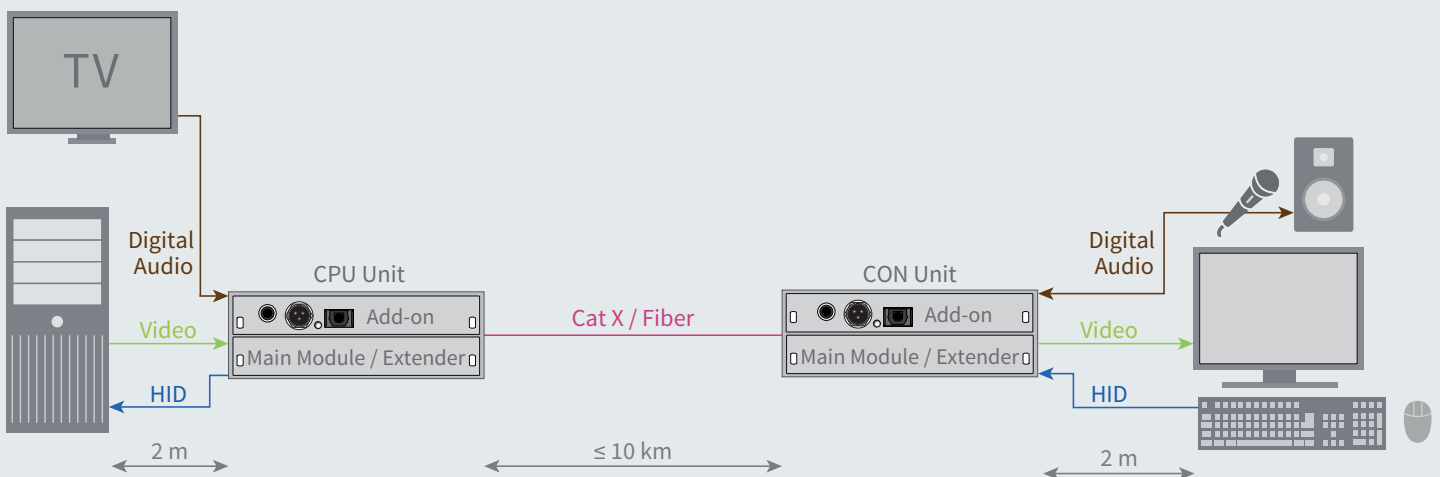
PRODUCT FEATURES

- Enables digital audio 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)
- Sample rate variably adjustable
- Supports audio embedding and de-embedding of HDMI and DisplayPort audio

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TECHNICAL DATA	
Part No.	L474-BDX (CPU) R474-BDX (CON)
CPU Unit (Inputs)	Mini-XLR (AES/EBU; balanced, lockable) Coaxial (S/PDIF; RCA, Cinch) Optical (S/PDIF; TOSLINK)
CON Unit (Outputs)	Mini-XLR (AES/EBU; balanced, lockable) Coaxial (S/PDIF; RCA, Cinch) Optical (S/PDIF; TOSLINK)
Compatibility	AES/EBU, S/PDIF, EIAJ CP1201, IEC 60958
Standards	Dolby Digital, DTS, PCM
Bit depth	24 bit
Sample rate	32 up to 96 kHz
Power consumption	CPU: 100 mA CON: 100 mA

FUNCTIONAL DIAGRAM



ORDER NUMBERS

	L474-BDX
	R474-BDX

These models can also be extended by additional half-sided modules, for example USB 2.0 embedded, USB-HID or RS232/422. Combinations available on request.