



XT:DIGITAL Digital audio Extender

Transmitter

Article number: 500047

EAN: 4260393850965

Customs code: 85198100



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Front

The trivum audio extender devices are professional solutions for transmitting audio signals over large distances using standard network cables.

The trivum XT:DIGITAL is an audio transmitter with digital TOSLink input and HDMI input. In connection with the optionally available XR:LINE, you can, for example, transmit the sound of a TV or CD player to the technical room using a CAT cable. There the trivum XR:LINE receiver then forwards the audio signal to an amplifier or multiroom system.

HDMI or TOSLink

The XT:DIGITAL adapter supports optical digital audio signals (TOSLink) or HDMI ARC. This means that every television can be connected without any problems. A power supply for the adapter does not necessarily have to be connected. It is sufficient if the XR:LINE receiver is connected to a power supply.

*Note: Either TOSLink or HDMI can be used. The adapter cannot switch. **Please do not use HDMI and TOSLink at the same time.***

Trigger signal

The XT:DIGITAL recognizes whether a TOSLink signal is being supplied by the source. Or, if the HDMI input is used, the adapter uses the HDMI CEC protocol to determine the status. The XT:DIGITAL adapter forwards the information to the XR:LINE receiver. There is then a corresponding 12V voltage at the trigger output.

Up to 300 meters

The active symmetrical transmission of the signals (audio + trigger + power supply) is the basis of the trivum Audio Extender solution.

Interference-free

The symmetrical audio transmission minimizes interference noises caused by interference in the cable route. Due to its advantages, this complex technical solution is standard in many studios today.

Hum-free

The active galvanic isolation of the transmitter and receiver means that there can be no hum loop caused by potential differences.

Neutral sound

Contrary to the the solution using passive galvanic isolation with transformers, the transformerless digital isolators in the trivum solution is tonally better, because transformers change the sound by clipping the frequency response and adding distortion. The isolators and OP-Amps used in the active trivum extenders are technically far superior to the passive solution.

No delay

Contrary to the products that work over IP networks, the trivum solution has no delay. IP solutions (radio or cable) have to digitize the audio signal, then transfer the data in packets over the network, then reassemble them in a buffer in order to finally convert them into an audio signal. That takes too long to e.g. transmit TV sound lip-synchronously.

Easy placement

Contrary to the passive galvanic isolation using transformers, the trivum solution is not magnetically susceptible to interference. Therefore, the adapter can be placed anywhere, including in the area of power supplies.



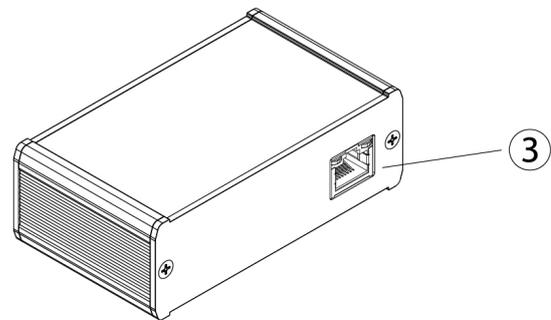
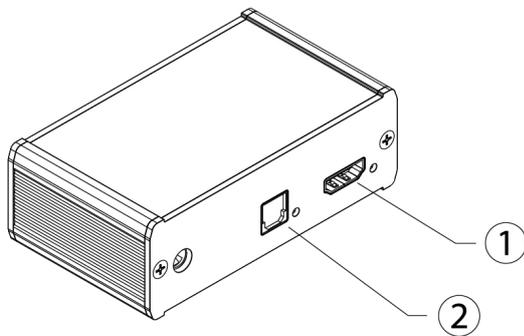
Technical data

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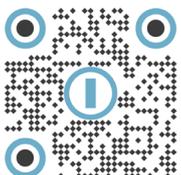
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Connections (input)	1x TOSLink (1x digital stereo L / R up to 192 kHz) 1x HDMI (1x digital HDMI ARC Stereo L / R) 1x socket for barrel connector (power supply)
Connections (output)	1x RJ45 (1x audio bus with CAT 5/6/7 cable up to 300m)
Operating temperatur	0°C to 50°C
Operating voltage	12-15V (connect power supply either to the transmitter or to the receiver)
Power consumption	at 12V 62mA
Casing	aluminum
Color	Black
Dimensions (WxDxH)	95x55x32mm
Weight	0.116kg
Scope of supply	1x trivum XT: Digital Audio Transmitter 4x self-adhesive rubber feet (black) Note:: There is no 15V power supply included Note:: There is no XR:LINE audio receiver included



1 HDMI (ARC) Input
2 TOSLink Input

3 Audiobus Output



As of 08/2021. We reserve the right to make misprints, mistakes and changes in the case of product progress, even without prior notice.

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