

AUDIO EXTENDER

EX-2CH-300-10

Optical fiber & analog
audio signals upto
100m (328ft)

Built-in Digital to
Analog Converter

NETVIO



PRODUCT **INTRO**

EX-2CH-300-10

Optical fiber & analog audio signals upto 100m (328ft)

Built-in Digital to Analog Converter

The **EX-2CH-300-10** is a high-performance audio extender built for both analog and optical fiber equipment, capable of transmitting stereo audio up to 300 meters over a single category cable. It's especially well-suited for hi-fi applications, thanks to its ultra-low jitter design, ensuring clean, accurate sound over long distances.

With a built-in digital-to-analog converter (DAC), it easily bridges digital optical sources with analog audio systems. Power is required at only one end, simplifying installation, and the plug-and-play setup makes integration fast and effortless. It's a practical, high-fidelity solution for both residential and commercial audio distribution.



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High Quality over distance

Supports distances up to 300m (990ft) at 48kHz, 150m (495ft) at 96kHz, and 100m (330ft) at 192kHz, ensuring dependable performance across a range of professional audio formats.

Built-In Digital to Analog

The built-in DAC converts digital optical audio to analog, enabling easy integration between modern sources and traditional audio systems without the need for additional external converters.

Compact, Plug & Play

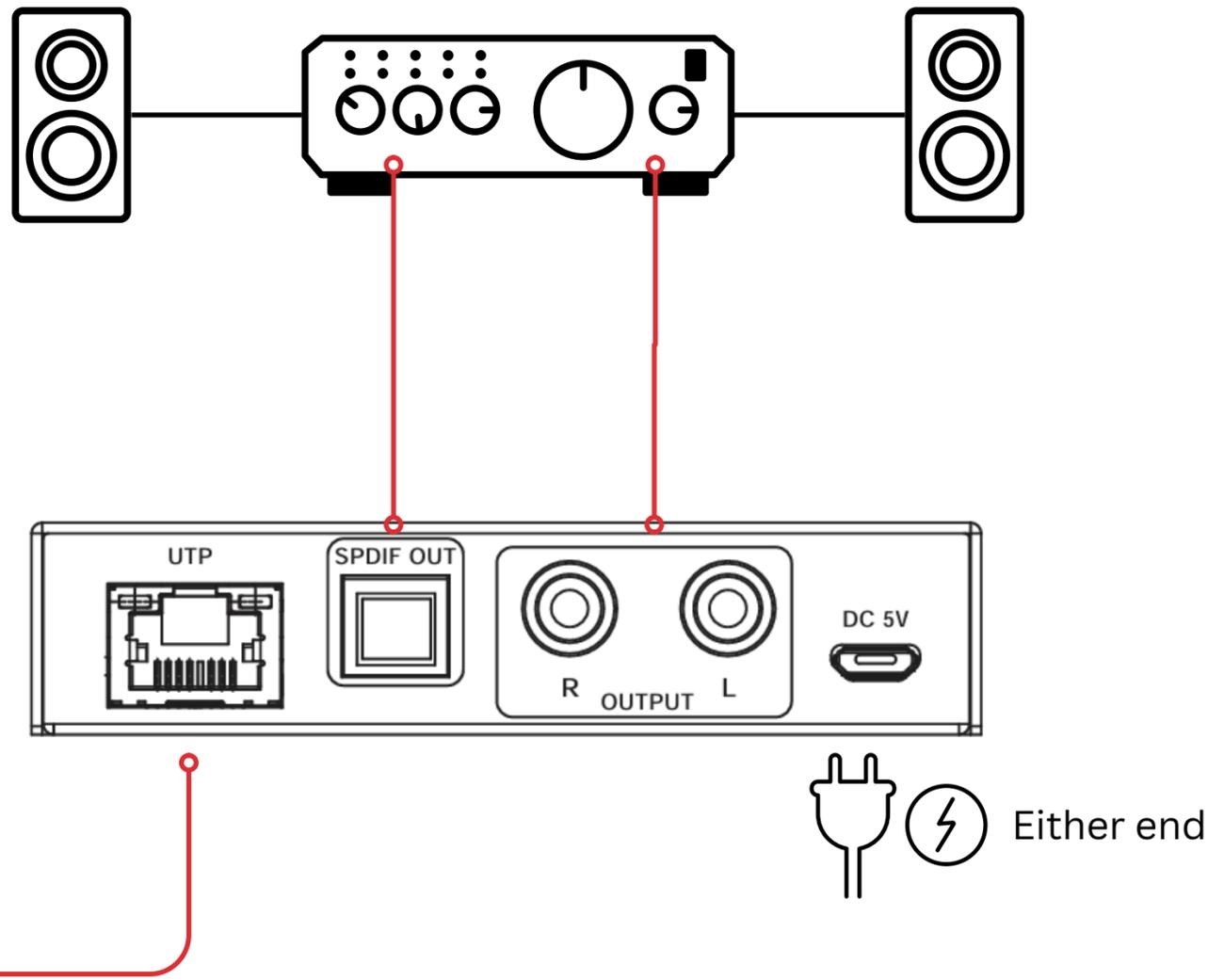
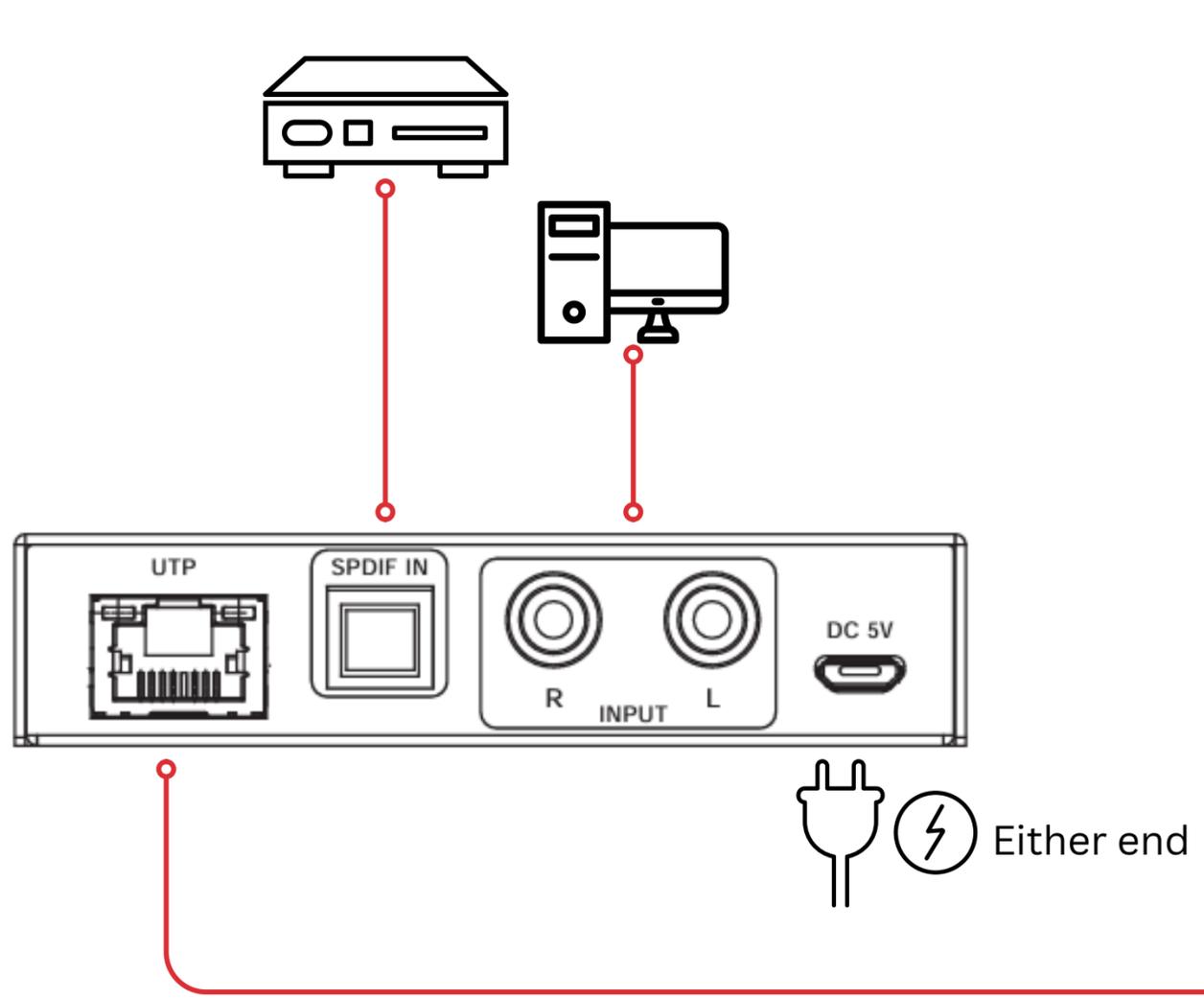
Features a compact form factor and true plug-and-play functionality, allowing for fast, straightforward installation without software, configuration, or technical expertise

Single Ended Power

With Power over Cable (PoC), the EX-2CH-300-10 requires power at only one end, simplifying installation and reducing the need for additional power outlets or adapters.

AUDIO

CAT6



EX CONNECTIONS



TX



2

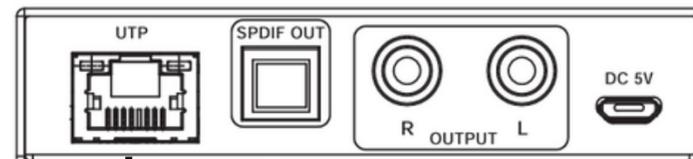
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4

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RX



8

9

10

11

1

Power Status

2

Input: Cat6 Cable Connection (RJ45)

3

Input: SPDIF Optical Fiber (Toslink Cable)

4

Input: Analog (RCA Cable)

5

USB Power

6

Power Status

7

DAC Setting - Analog / SPDIF Selector

8

Output: Cat6 Cable Connection (RJ45)

9

Output: SPDIF Optical Fiber (Toslink Cable)

10

Output: Analog (RCA Cable)

11

USB Power

EX-2CH-300-10

PRODUCT **INFO**

EX-2CH-300-10

Optical fiber & analog audio signals upto 100m (328ft)

Built-in Digital to Analog Converter



Features

- Transmits optical and analog audio up to 300m (48kHz), 150m (96kHz), or 100m (192kHz) over a single CAT5e/6 cable.
- Supports LPCM, DTS, Dolby Digital, and Dolby Digital Plus audio formats.
- Handles sample rates up to 192kHz and 24-bit resolution for premium sound quality.
- Outputs either digital PCM 2.0 or analog audio via a selectable switch on the receiver.
- Supports bidirectional Power over Cable, requiring power at only one end for convenient installation.
- Easy to install with no configuration required; compact design fits into tight AV spaces.
- 5-Year Warranty (2-Year Advanced Replacement).

Specifications

- Bitrate over distance:
 - **192kHz** - 100m/330ft
 - **96kHz** - 150m/495ft
 - **48kHz** - 300m/990ft
- Supported Audio Formats:
 - **Optical:**
 - All audio formats, including LPCM2.0, LPCM5.1, Dolby Digital2/5.1CH
 - **Analog:**
 - PCM 2.0
- Sample Rates: 32kHz, 44.1kHz, 48kHz, 96kHz, 176.4kHz and 192kHz up to 24-bit resolution

Mechanical

- **Weights & Dimensions**
 - Transmitter | 90mm (W) 72mm (D) 20mm (H) | Weight 168g
 - Receiver | 90mm (W) 72mm (D) 20mm (H) | Weight 168g
- **Power Supply**
 - DC 5V/1A; Support bi-directional POC function (US/EU/UK standard, CE/FCC/UL/C-Tick certified)
- **Power Consumption**
 - 1.5W (max)
- **Operating Temperature**
 - 32 - 104°F / 0 - 40°C
- **Storage Temperature**
 - -4 - 140°F / -20 - 60°C
- **Relative Humidity**
 - 20 - 90% RH (no condensation)
- **Product Certifications**
 - CE, UKCA, FCC

What's in the box

- EX-2CH-300-10 Extender & Receiver
- USB Cable (USB-A to Micro USB Cable)
- USB to Power Block

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