

CH-A320TX & CH-A320RX

Audio over IP Transmitter & Receiver



PANELS

Transmitter

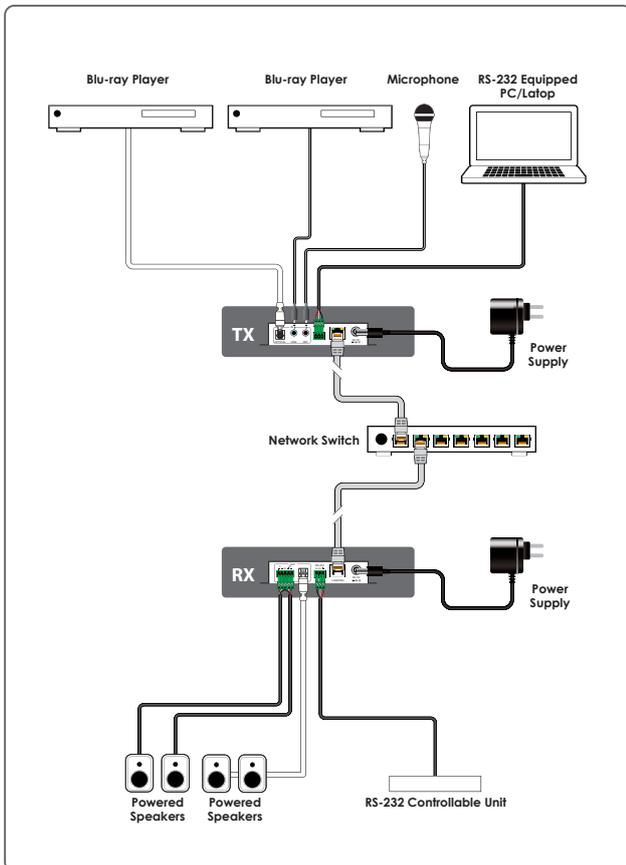


Receiver



The advantage of Audio over IP is that it can flexibly route and use cost effective CAT cable. This greatly reduces the cost of wiring and improves convenience. CH-A320TX and CH-A320RX take the advantage of Audio over IP and provide flexibility for installation. These products specify the system to implement Analog (Line in and Mic in) and Digital (S/PDIF and TOSLINK®) over IP, allows you with help of CDPS-CS7S AV over IP master controller to easily extend the connection between an audio source and an audio playback device via a Local Area Network.

DIAGRAM



FEATURES

- Extend analog and digital audio over an IP network with 100m (330ft) of CAT 5/6 cable between TX/RX and network switch.
- Compatible with CDPS-CS7 Controller to allow creation of video matrix switch using multiple Video-Over-IP Extender products. In order to achieve this, require commands to integrate with CDPS-CS7 discovery and robust TCP/UDP command set.
- IP to RS-232 bridging feature will allow users to control serial equipped devices using IP enabled control interfaces.
- The CDPS-CS7 Software integration for device discovery, configuration, monitoring, and firmware upgrading. CDPS-CS7 has to control the unit via web interface.
- Field-updatable firmware. (Note: Power cannot be removed during bootloader updating.)

SPECIFICATIONS

Interfaces

Input Port	TX 1 Optical 1 Line (3.5mm) 1 Mic (3.5mm)
Bi-directional Port	1 GbE LAN (RJ-45)
Control I/O	1 RS-232 (3-pin Terminal Block)
Output Port	RX 1 Optical 1 Analog Audio (5-pin Terminal Block)
Bi-directional Port	1 GbE LAN (RJ-45)
Control I/O	1 RS-232 (3-pin Terminal Block)

Audio

Optical In	LPCM (2 Channels), Bitstream
Line In	2 Vrms S/N Ratio: > 98dB (1kHz with 0dBFS)
Mic In	2 Vrms S/N Ratio: > 82dB (1kHz with 0dBFS)
Optical Out	LPCM (2 Channels), Bitstream
Line Out	4 Vrms

Power

Power Supply	5V/2.6A DC (Locking)
Power Consumption	2.27W

Enclosure

Chassis Material	Metal (Aluminum)
Chassis Color	Black
Dimensions (W×H×D)	108mm×25mm×108mm [Case Only] 108mm×25mm×116mm [All Inclusive]
Weight	671g(Tx) 671g(Rx)

Field Firmware Update

WebGUI

ORDERING INFORMATION

Model No.	Product Description
CH-A320TX	Audio over IP Transmitter
CH-A320RX	Audio over IP Receiver
CDPS-CS7	AV over IP Master Controller