



Features

- Receives audio and video on a single CATx cable
- Adjustable cable length compensation to 1000 ft
- Digitally controlled adjustment eliminates tweaking pots
- Supports resolutions up to 1920x1200 at any refresh rate
- Differential signaling eliminates ground loops and noise
- Compact & rugged metal enclosure with mounting holes
- No software required for setup and use
- Easily expandable by daisy-chaining receivers (URA-XT)

RXURA

The RXURA is a Video and Audio over UTP (Cat5/5e/6) receiver. The RXURA can receive Video and Audio from the TXUVA-DP transmitters up to 1,000 feet away. The RXURA supports resolutions up to 1920 x 1200 at 60Hz. It can fully compensate for signal attenuation in long UTP cables using a 5-stage active filter. Includes universal power supply. Made in the USA.

This receiver must be paired with a TXUVA transmitter

Specifications

Video Gain:	Unity
Video Standards:	VGA through UXGA, RGBHV, RGBS, RGsB, RsGsBs, Component Video (bi-/tri-level sync)
Connectors:	(1) RJ-45 Female (CATx Input) (1) HD15 Female (Video Output) (1) 3.5mm Female (Audio Output) (1) 2.1mm Female (Power Input)
Nominal Amplitude:	1 V p-p for Y of component video 0.7 V p-p for RGB and for Pr and Pb of component video 4.0 V to 5.0 V p-p, for TTL Sync signals of RGBHV, RGBS
Impedance:	75 ohms
Resolution:	Up to 1920x1200 non-interlaced at 60Hz
Max Distance:	Up to 1000 feet depending on resolution
Audio Gain:	Unbalanced output: 0 dB
Frequency Response:	20hz to 20kHz, +/- 1 dB
Audio Type:	Monaural, Simulated Stereo (L+R)
THD + Noise:	0.2% @ 1kHz, 0.3% @ 20kHz at nominal level
Power Supply:	100 VAC to 240 VAC, 50-60 Hz, external; 5 VDC, 2A regulated; 2.1mm
Temperature:	Storage: -40 to +158 degF / 10% to 90%, non-condensing
Humidity:	Operating: +32 to +122 degF / 10% to 90%, non-condensing
Cooling:	Convection, vents on each end
Mounting:	Brackets at each end with screw hole provided for Wall/Rack mounting
Enclosure:	Steel
Dimensions:	1.18" H x 2.75" W x 3.85" D
Warranty:	2 years parts and labor

Powering up RXURA with one power supply

- It is important to note that the TXURA can be powered from the source (through the VGA cable) without the need to connect an external power source. Almost all VESA compliant sources should have enough power to run the unit, and there is a power LED indicator on the front of the wall plate to show the power status.
- The TXUVA comes with a small power supply that can get wired to the wall plate and connected to the screw terminals on the rear of the circuit board as shown to the right.
- The wiring to this screw terminal is low voltage and no special requirements are needed (check with your local wiring code), but the power supply itself needs AC input so it either needs to be located outside the wall and wired to the screw terminal, or in an electrical junction box in the wall or ceiling to meet electrical code.



- Many installers run a separate cable (two wire extension of 20 gauge or thicker) alongside the UTP cable so the power supply can be located at the remote end where the URA receiver is located.
- It is also possible to use the 5v power supply that comes with the URA to power both the URA and the TXURA wall plate in the same manner.

To do that, a 2.1mm Power splitter cable would be required as shown below. These are commercially available.



- We also recommend using commercially available 2.1mm female to screw terminal adapter (as shown below) to plug to one end of the power splitter cable.

