



Remote Video Receiver STUTPRXL

Introduction

Thank you for purchasing a StarTech.com UTP VGA Remote Receiver. This product works in conjunction with a local VGA signal extender/splitter (**ST124/128UTPE**), to extend a VGA video signal by up to an additional 300m (1000ft.). Please see **Accessories** for further connection options.

Features

- A completely hardware-based solution, no software or drivers required
- Includes unique equalization length and signal gain adjustments, for image quality optimization

Before You Begin

System Requirements

- A local VGA splitter/extender (see **Accessories**)
- Unshielded Category 5 twisted pair (UTP) straight-through Ethernet cable terminated at each end with RJ-45 connectors
- 1 x VGA monitor/display

Basic Setup

Connecting the STUTPRXL Remote Receiver to the local splitter/extender:

Connect the Cat5 signal source cable running from the local splitter/extender to the port on the front of the STUTPRXL Remote Unit marked Cat.5.

Connecting the STUTPRXL Remote Receiver to the VGA display/monitor:

Attach the HD-15 male connector running from the display to the HD-15 female port located on the back of the STUTPRXL Remote Receiver.

Powering the Remote Receiver:

Connect the tip on the power adapter (provided) to the port marked **DC 12V** on the video extender. Connect the opposite end to a wall outlet or other suitable power source. The light located above the power input will illuminate, indicating that your receiver is functioning.

Adjusting image quality:

Once the necessary connections have been made, power on the VGA display/monitor. Using a small Phillips or slot-head screwdriver, adjust the sharpness of the displayed signal by turning the adjustment dial marked **EQ** in a clockwise direction, until the desired picture sharpness has been obtained. Similarly, turn the adjustment dial marked **GAIN** in a clockwise direction, to adjust the brightness of the displayed image.

Troubleshooting

The remote display is black, or indicates that there is "no signal":

Check that the display is receiving power and that all cables are connected

The remote display does not display an image when the local computer wakes up from Standby Mode:

Power the remote display OFF and ON again

The image on the remote display is distorted, or displays a "signal error" or similar error message:

- (1)Adjust the local computer to a lower resolution and refresh rate until the remote display shows an image.
- (2)Gradually increase the resolution and refresh rate on the local computer until the remote display ceases to display an image.
- (3)Return the resolution and refresh rate on the local computer to the highest resolution and refresh rate setting that displayed an image on the remote display
- (4)Adjust the Signal Equalizer on the Remote Unit for best performance

NOTE: If you are still unable to see an image at the

remote location after trying the above solutions, it is recommended that you verify the Ethernet cable installation to the remote display before calling technical support. This can be done using a standard cable tester - if you do not have a cable tester, contact a local computer service or wiring professional.

Specifications

VGA In/Out Connection:	HD-15 Female x 1
RJ-45 Connection:	1
Maximum Resolution:	1280 x 1024@60Hz
Cable Distance:	300m (Maximum)
Power Adapter:	DC 12V 600 mA
Weight:	140g (0.31lb)
Dimensions (LxWxH):	92 x 34 x 22 (mm)

Accessories

RJ45PATCH

Snagless Cat 5e (350MHz) UTP Patch Cable - available in lengths ranging from 1ft. to 100ft.

MXT101MMHQ

Coax SVGA Monitor Cable HDDB15M/M - available in a wide range of lengths

MXT105HQ

Coax SVGA Monitor Cable HDDB15M/F - available in a wide range of lengths

ST124UTPE/ST128UTPE

4/8 Port UTP VGA Video Splitter Base

Support, Warranty Information, and Regulatory Compliance Statement

If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads. This product is backed by a one-year warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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FCC Compliance Statement: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.