STUTPRXWAL
STUTPTXWAL
STUTPWALL

Instruction Manual

VGA Video Extender over CAT5

VGA Wall Plate Video Extender over CAT5 Receiver

VGA Wall Plate Video Extender over CAT5 Transmitter

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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.

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Introduction

Packaging Contents

- 1 x STUTPTXWAL (transmitter) or STUTPRXWAL (receiver)
  * both units included in STUTPWALL kit
- 1 x Power Adapter
  * 2 included in STUTPWALL kit
- 1 x User Manual
- 1 x Terminal Block adapter for power adapter
  * 2 included in STUTPWALL kit

System Requirements

- Open wall receptacle for unit installation
- Available power outlet
- Both Transmitter (STUTPTXWAL) and Receiver (STUTPRXWAL) units

Installation

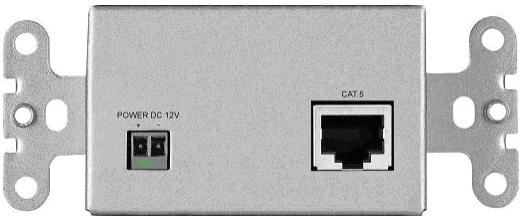
Transmitter Unit (STUTPTXWAL)

Front View

* picture may vary from actual product

- DE-15 Female Connector
- Power LED
- Control H/V signal inverting switch
  - The default setting of H-INV is “OFF”. If H-INV is set to “ON”, the horizontal signal output is adjusted. H-INV on the receiver must also be set to “ON”.
  - The default setting of V-INV is “OFF”. If V-INV is set to “ON”, the vertical signal output is adjusted. V-INV on the receiver must also be set to “ON”.
  - Use this setting when noise or sync issues are detected in the signal transfer.

Rear View



* picture may vary from actual product

- Power Connector
- RJ-45Female Connector

Receiver Unit (STUTPRXWAL)

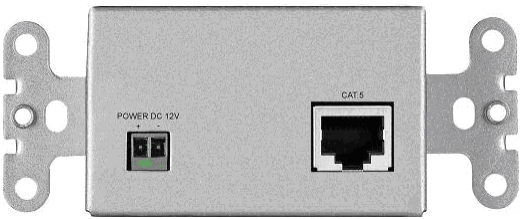
Front View

* picture may vary from actual product

- DE-15 Female Connetor
- EQ – Equalization length adjust (Adjust sharpness)
- GAIN – Adjust brightness
- Power LED
- Control H/V signal inverting switch

- The default setting of H-INV is “OFF”. If H-INV is set to “ON”, the horizontal signal output is adjusted. H-INV on the transmitter must also be set to “ON”.
- The default setting of V-INV is “OFF”. If V-INV is set to “ON”, the vertical signal output is adjusted. V-INV on the transmitter must also be set to “ON”.
- Use this setting when noise or sync issues are detected in the signal transfer.

Rear View



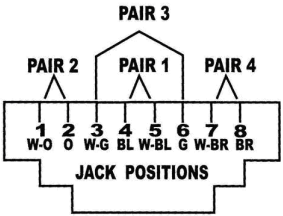
* picture may vary from actual product

- Power Connector
- RJ-45Female Connector

Hardware Installation

1. Turn off the PC and remote monitor.
2. Connect STUTPTXWAL Transmitter unit DE-15 female input connector with DE-15 male to male cable to PC video card.
3. Connect STUTPTXWAL Transmitter and STUTPRXWAL Receiver unit together with CAT5 cable.
4. Connect STUTPRXWAL Receiver unit DE-15 female connector with DE-15 male to male cable to monitor.
5. Connect the power adapter on each unit.
6. Turn on the monitor and PC.

Wiring Information and Coding

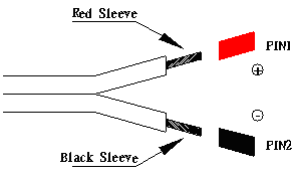


Conductor	RJ45 Pin	Conductor Colour Code
Pair 1	5	White-Blue
	4	Blue
Pair 2	1	White-Orange
	2	Orange
Pair 3	3	White-Green
	6	Green
Pair 4	7	White-Brown
	8	Brown

Distances and Resolutions

CAT5/CAT5e	50m	1920x1200
	100m	1600x1200
	180m	1280x1024
	200m	1024x768
	300m	800x600
CAT6	30m	1920x1440
	50m	1280x1024
	100m	800x600

Adapter Output Polarity



Pin	Output Level	Conductor Colour
1	+12V	Black-White
2	RTN (-)	Black

Specifications

Video Connector	15-pin D-Sub (DE-15)
Rear Connectors	RJ45 Terminal Block
Maximum Resolution	1920x1200 at 60Hz
Maximum Distance	300 meters at 800x600
Power Adapter Output	12VDC, 600mA
Material	Metal
Color	White
Weight	165 g (transmitter) 170 g (receiver)
Dimensions	78.2 mm x 41.2 mm x 52.8 mm

Technical Support

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Warranty Information

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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