

CatX

Quick Installation Guide

For the

Cat5/6 extenders

CatX VGA & Audio products (Single VGA input / Single Display)

CatX Video Tx
CatX Video Rx
CatXQ Video Rx

CatX VGA & Audio distribution products (Single VGA input / Multiple Displays)

CatX Video Tx 2
CatX Video Tx 4
CatX Video Tx 8
CatX Video Rx 2
CatXQ Video Rx 2

Please Note: Although this installation guide refers to the **CatX Video Tx** and **CatX Video Rx**, the same procedures may be applied to all the products listed above, unless otherwise stated.

Skew Correction: For skew correction please refer to the separate guide included with all **CatXQ Rx** receivers.

Package contents: for a full list of all the appropriate cables and accessories supplied with each package, please see the last page of this guide



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Installation

Unit Diagrams

CatX Video and Audio transmitter (Tx) Front Panel View



1	RJ 45 Cat5/6 output
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CatX Transmitter (Tx) – Rear Panel



1	12V DC Power Input
2	Power and status L.E.D.
3	Stereo audio input and local output
4	Local VGA display output
5	Input from VGA source

CatX Receiver (Rx) – Front Panel view



RJ45	RJ45 Cat5/6 socket
Tune	Distance adjustment control

2.1.3 CatX Receiver (Rx) – Rear Panel view



1	12V DC Power Input
2	Power and status L.E.D.
3	Stereo audio output
4	VGA display output

Connecting to a VGA and stereo audio source

Connecting to the transmitter (Tx) unit

The Tx unit is connected to a VGA source using a VGA extender cable supplied with your Tx unit. The 15way VGA connector on the cable is connected to the 'VGA in' connector on the rear panel of the Tx unit.

A stereo audio source and local speakers may also be connected to the unit if required.

The 12V DC plug of the Power supply may be attached to either the Tx or Rx unit.

Connecting a local VGA display to the Tx

A VGA display may also be attached to the Tx unit. This output is direct from the VGA source.

Cascading multiple Transmitter units

CatX Tx units also have an option to cascade to another Tx unit. This is an easy way of increasing the number of Cat5/6 outputs and hence the number of displays.

Connecting to a Display

The Rx unit may be connected to several different display types. CRT, TFT, LCD or Plasma.

Any of these display types that have a VGA input may be used with the CatX range of Video extenders. Connect to the selected 'CatX Rx' or 'CatXQ Rx' unit using the VGA cable supplied with the display.

Please Note: Installing the correct drivers for your display may help produce the best quality VGA display output.

Connecting to the UTP Cable

Connectors

None of the products in the CatX range will work unless the Tx and Rx units are connected directly using a UTP cable that has been terminated correctly. Each Tx and Rx unit has a RJ45 socket. The attached CAT5e/6e cable must be terminated as per the **EIA/TIA568A** or **EIA/TIA568B** standard, using a RJ45 connector.

Patch cables

A standard Ethernet patch cable should be used when connecting either a Tx or Rx unit to a structured cable system. **Do not use** a crossover patch cable.

Please Note: If necessary, use the Magenta coloured patch cable, supplied with your CatX products, to check that the CatX units are working correctly. Then connect the CatX units to the Cat5/6 cable. UTP cable that does not conform to the required standard (see **Connectors** above) will not work with CatX products.

Package Contents

CatX Video (CatX Video Tx & Rx)
CatXQ Video (CatX Video Tx & CatXQ Rx)
CatX Video Lite (CatX Video Lite Tx & CatX Video Lite Rx)

1 x 2.0m Cat5 patch lead
1 x 12V DC power supply
1 x VGA (male to female) 0.5m cable
1 x Quick Installation guide

CatX Video Rx
CatX Video Rx 2

1 x Quick Installation guide only
No PSU or other cables are included

Twin pack CatX Video Rx
Twin pack CatX Video Rx 2

1 x Quick Installation guide
No PSU or other cables are included

CatXQ Video Rx
CatXQ Video Rx 2

1 x 12V DC power supply
1 x Quick Installation guide

All Twin pack (receiver) unit packages: -

CatXQ Rx
CatXQ Video Rx 2

2 x 12V DC power supply
1 x Quick Installation guide

Cat5/6 VGA Distribution product options

All multiple transmitter packages: -

CatX Video Tx 2
CatX Video Tx 4

1 x 2.0m Cat5 patch lead
1 x 12V DC **0.42amp** power supply
1 x VGA (male to female) 0.5m cable
1 x Quick Installation guide

CatXQ Video Tx 8

1 x 2.0m Cat5 patch lead
1 x 12V DC **1.2amp** power supply
1 x VGA (male to female) 0.5m cable
1 x Quick Installation guide