

## TECHNICAL SPECIFICATIONS

VIDEO	
Format	RGBHV, RGsB, YUV, Y/C, CVBS
Resolution	Up to 1920 x 1200, VGA, SVGA, XGA, SXGA
Input Connector Type	(1) HD 15 socket female
Output Connector Type	(1) HD 15 socket female
AUDIO	
Signal Type	Stereo unbalanced
Input Interface	(1) Connector 3.5mm jack socket
Output Interface	(1) Connector 3.5mm jack socket
IR	
Input Interface (TX)	(1) 3.5 mm (Female)
Output Interface (RX)	(1) 3.5 mm (Female)
IR Frequency Range	30KHz to 80KHz
Emitter Distance	Up to 10'
Connector	3.5mm Stereo jack for emitter and IR eye
OTHER	
RS-232	(1) DB9 Female, 9600 bps, N, 8 1, No flow control
Power	110-240 VAC
Weight	3.5 lbs.
Dimensions	2"H x 6.5D x 17"W

## OPTIONALLY AVAILABLE

### RECEIVERS SUPPORTED

XTPro-RX, XTAV-RX, XTWALL-RX, XTPro XTREEM-RX

PART NO.	QTY	DESCRIPTION
CC-MMAMM-06	1	Audio 3.5 mm stereo miniplug cable
SM-EYE	1	IR EYE Receiver
SM-LED	1	IR Emitter
CCRS232-06	1	6' RS232 cable

## WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
XT-TX1600S	1	UXGA/Audio/IR/RS-232 point-to multi-point CAT5 Extender, 16-Port Transmitter.
CCPWRO6	1	6' Power Plug Cable
	1	Quick Start Guide

## NOTICE

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20161213



Designed and Manufactured in the USA

**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

# XT-1600

VGA Distribution System Using CAT5  
Unshielded Twisted Pair Cabling



Use a single CAT5 cable to broadcast high resolution SXGA, stereo audio, RS232 and IR to 16 stations up to 1,000 feet away

**800.AVI.2131**  
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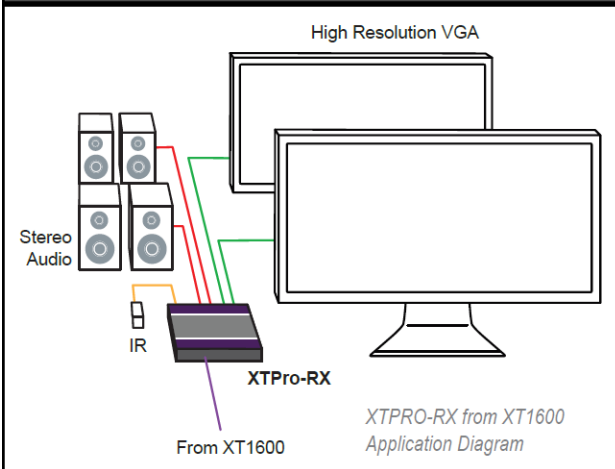
Quick Start Guide

## INTRODUCTION

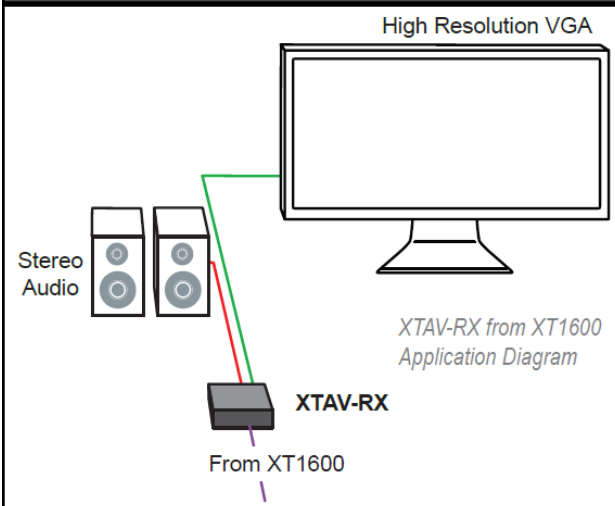
The XT-1600 range of products allows the extension of a wide range of video and audio formats, RS-232 and IR to up to 16 locations using Category 5 Unshielded Twisted Pair (UTP) cables.

With RS232 communication support the XT1600 allows users to send commands to single or multiples devices. This allows the user to change volume, channel or turn on/off the remote LCD TV.

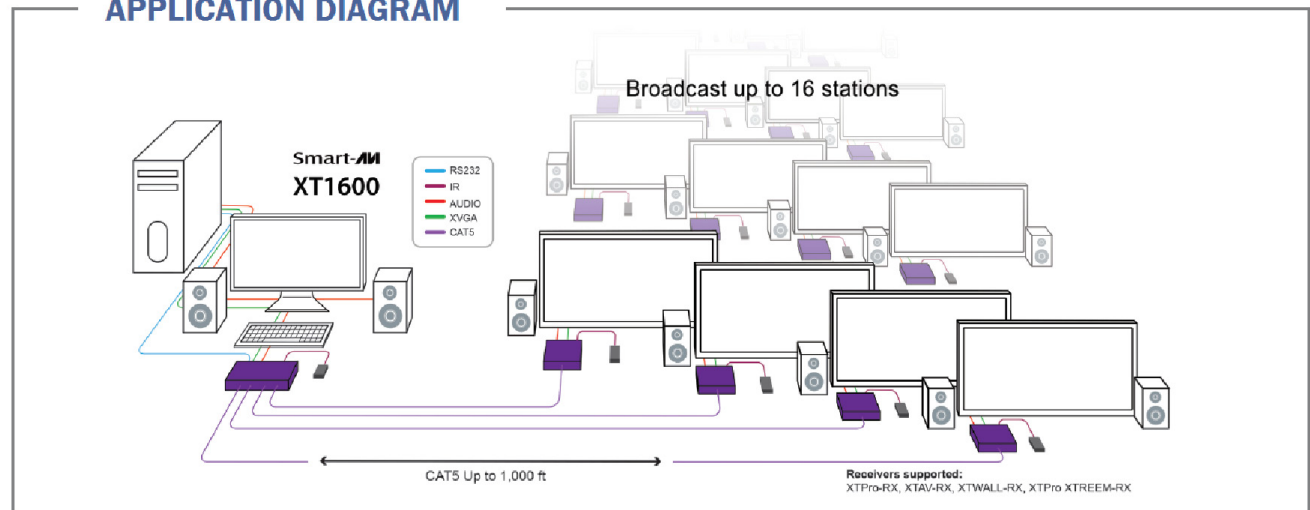
### CONNECTING THE XT-1600 TO AN OPTIONAL RECEIVER (XTPRO-RX)



### CONNECTING THE XT-1600 TO AN OPTIONAL RECEIVER (XTAV-RX)



## APPLICATION DIAGRAM



### CONNECTING THE XT-1600 TRANSMITTER

1. Connect the output of the computer video card to the video input of the transmitter using the included male to male video cable.
2. Optionally connect the output of the computer audio card to the audio input of the transmitter using 3.5mm audio male to male audio cable.
3. Connect local monitor to the VGA out of the transmitter.
4. Optionally connect external speakers to the transmitter's audio out (Standard 3.5mm stereo miniplug).
5. Connect the CAT5 cable to outputs 1-16.

\*NOTE: You can not use RS232 and IR at the same time.

### CONNECTING THE RECEIVER

1. Connect CAT5 cable (coming from the transmitter) to the back of the receiver.
2. Connect 1-16 display monitors to the VGA out connectors on the receiver.
3. Optionally connect 1-16 sets of external speakers to the audio connectors on the receiver. (Standard 3.5mm stereo Miniplug)

### Sending an RS232 command to a remote monitor

In order to send a command to a remote monitor, you need to use the following query at 9600 baud rate, N,8,1, No flow control.

```
//M01<CR>
```

After sending this query, any command sent from the PC will go directly to output 1

To send a command to output 2 replace "M01" with "M02" etc...

To send the same command to all outputs ( but only output 1 will answer) Use the following command;

```
//M00<CR>
```

\*<CR> = Carriage return