USER MANUAL

CVE-TRX01

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C Comprehensive®

Cable and Connectivity Company

VGA UTP Extender 1X1 Splitter with Audio

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

1.0 Introduction

This VGA UTP Extender 1X1 Splitter with Audio is an ideal device for local displaying and remote viewing. It combines split function and extension function. It distributes the input of the VGA signal and audio signal into the local and remote outputs simultaneously. Receiver by Cat5 x1 works with the Sender as a full functional module by receiving the distributed signal from the sender and transmitting to display. Only by the most inexpensive UTP cable with cross stand inside, the full functional module extend the VGA display max up to 300 meters.

It offers solutions for VGA retail and show site and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

1.1 FEATURES

This device has many features that enable it to perform in a superior manner. Among those features you will find:
- Extend VGA video and stereo audio signal max up to 300m over one UTP cable with cross stand inside
- Adjusting GAIN and PEAK to adapt for the different length of UTP cable.
  GAIN: Brightness adjustment.
  PEAK: Skew adjustment.
- Supports resolution max up to 1920x1200.
- Dual output at local unit: 1 x VGA output for local site, plus 1 x UTP output for remote site.
- Work with monitors projectors, HDTV, and flat panels.

2.0 SPECIFICATIONS

Input /Output Connector	
Input connector	VGA(Female 15pin), Stereo Audio
Output connector	VGA(Female 15pin), Stereo Audio,1xRJ45
Operating Frequency	
Vertical Frequency Range	60/75/85Hz
Resolutions(PC)	

640X480 800X600 1024X768 1280X720 1280X768 1280X960 1280X1024 1600X900 1600X1200 1920X1080 1920X1200	
Mechanical	
Size of VGA UTP Extender 1X1 Splitter	$100 \times 65 \times 25.5$ mm
Weight of VGA UTP Extender 1X1 Splitter	208g
Size of Receiver (L-W-H)	$81.5 \times 43 \times 23$ MM
Weight of Receiver (Net)	108g
Warranty	
Limited Warranty	2 Years Parts and Labor
Environmental	
Operating Temperature	$0℃$ to $+70℃$
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	$-10℃$ to $+80℃$
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
Power Supply for VGA UTP Extender 1X1 Splitter	5V@2A, max 5W
Power Supply for Receiver	5V@2A, max 5W
Regulatory Approvals	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
User Manual	English Version

Note: Specifications are subject to change without notice.

3.0 PACKAGE CONTENTS

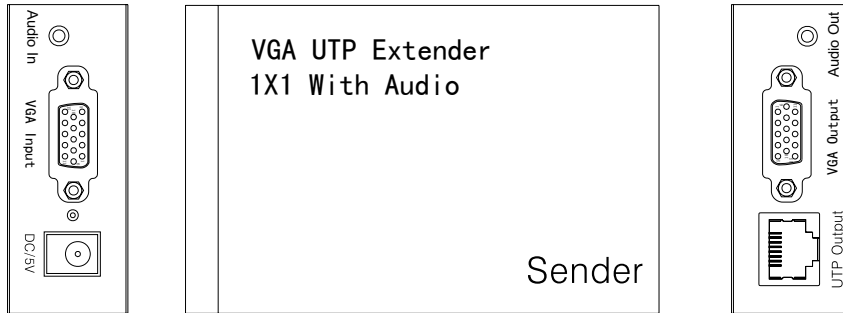Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:
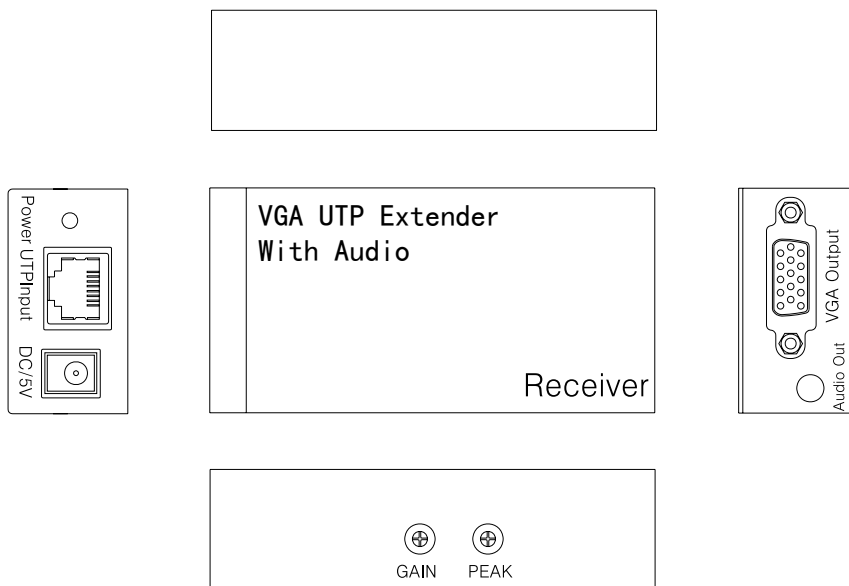
1) VGA UTP Extender 1X1 Splitter
2) User's Manual.

3) One Receiver
4) Two pieces of 5V@2A DC Power Supply.
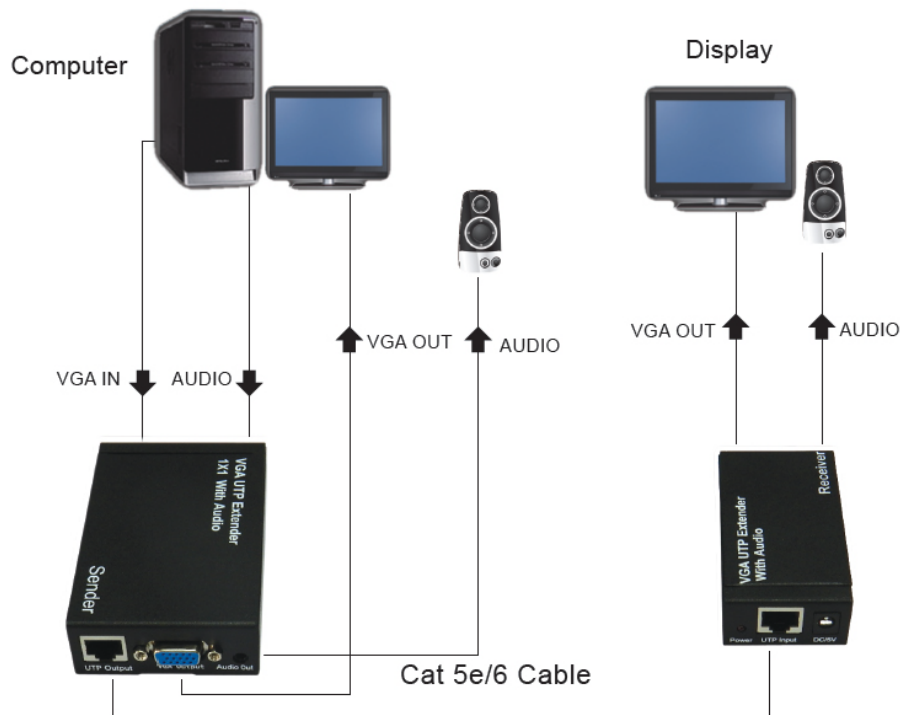
4.0 PANEL DESCRIPTIONS

Sender

Receiver

5.0 CONNECTION AND OPERATION

1) Connect the single VGA source to the main VGA input using a piece of VGA cable.
2) Connect VGA output of the Sender to a local display and Audio output of the Sender to a local Sounder
3) Connect Sender and each Receiver using a piece of each pieces of CAT-5e/6
4) Connect VGA outputs of Receivers to remote displays and Audio output of Receivers to remote sounders.

5) Plug one 5V@ 2A power supply into the VGA UTP 1X1Splitter and the others 5V@2A power suppliers to Receiver.

Attention: Insert / Extract cable gently.

5.1 CONNECTION DIAGRAM

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