

# PRO-SIGNAL



**VGA & Audio Over Cat5 Extender Kit**  
**PSG03502**

**Please read these instructions carefully before use and retain for future reference.**

## **IMPORTANT SAFETY INFORMATION**

*When using electrical appliances basic safety precautions should always be followed.*

- To prevent fire or shock hazard, do not expose this product to rain or moisture.
- Beware of static electricity which may damage the device. Use ESD precautions when installing.

## **WHAT'S INCLUDED**

- VGA UTP Transmitter Unit
- VGA Receiver Unit
- 5V DC 2A PSU x 2
- Instruction manual

## **FEATURES**

- Extend VGA video and stereo audio signal max up to 300m over one UTP cable.
- Adjustment of 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 source, plus 1 x UTP output for connection to remote receiver.
- Works with monitors, projectors, HDTV, and flat panel displays

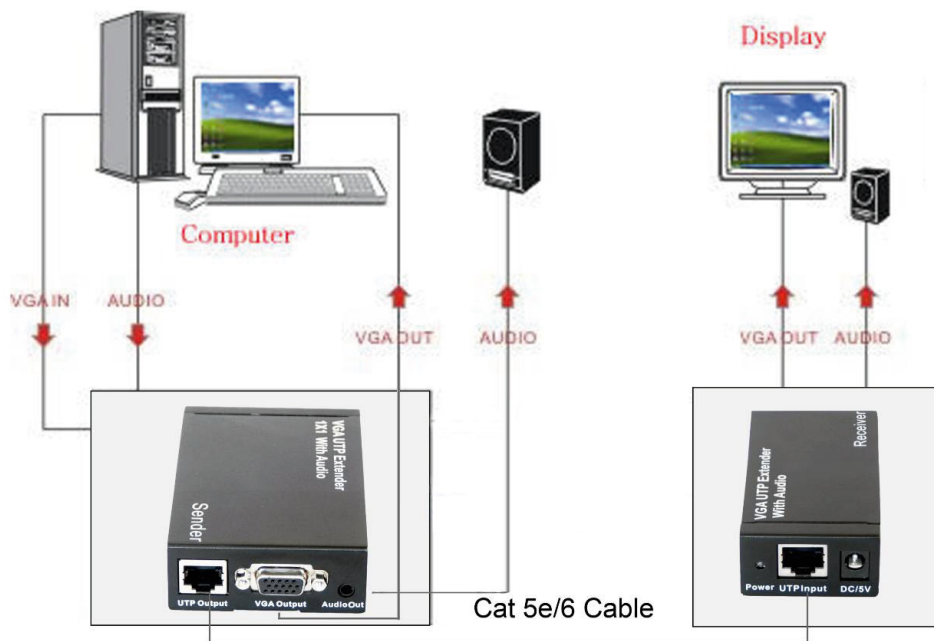
## **OVERVIEW**

This unit combines split function and extension function. It distributes the input VGA signal and audio signal into the local and remote outputs simultaneously. The receiver works with the sender as a full functional module by receiving the distributed signal using Cat5 network cable from the sender, and transmits it to display. Use only high quality Cat5 cable to extend up to 300 meters.

## **INSTALLATION**

- Connect the source device using suitable VGA cables to the input port on the transmitter unit.  
Connect the local display to the VGA output on the transmitter if required.
- Connect the transmitter output UTP port to the UTP input port on the receiver.
- Both transmitter and receiver have audio 3.5mm jack sockets so monitor speakers can be connected to monitor the source and remote if the displays do not have audio function via VGA.
- Connect the remote display to the receiver VGA output port.
- Connect both the 5V DC PSU outputs to the transmitter and receiver power input ports and turn on the power switch and the power indicators will illuminate.
- The source VGA signal will be displayed on the remote output display.
- Adjustment of gain and peak can be made using the adjusters on the side of the receiver using a small screwdriver to optimise the display quality.

## CONNECTION DIAGRAM



## CLEANING & MAINTENANCE

Clean the outside plastic casing with a soft cloth lightly moistened with mild soap and water. Never use any abrasive or solvents.

## SPECIFICATIONS

<b>Input /Output Connector</b>	
Input connector	VGA(Female 15pin), Stereo Audio
Output connector	VGA(Female 15pin), Stereo Audio, 1xRJ45
<b>Operating Frequency</b>	
Vertical Frequency Range	60/75/85Hz
Supported Resolutions (PC)	640x480 800x600 1024x768 1280x720 1280x768 1280x960 1280x1024 1600x900 1600x1200 1920x1080 1920x1200
<b>Mechanical</b>	
Dimensions - Transmitter	100×65×25.5mm (LxWxH)
Weight of Transmitter	208g
Dimensions - Receiver	81.5×43×23mm (LxWxH)
Weight of Receiver	108g
<b>Environmental</b>	
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
<b>Power Requirement</b>	
Power Supply - Transmitter	5V@2A, max 5W
Power Supply - Receiver	5V@2A, max 5W



### INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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