

# CA-DVI100R

## DVI over CAT5 Receiver Box

### Operation Manual



## **Revision History**

<b><u>Version No</u></b>	<b><u>Date</u></b>	<b><u>Summary of Change</u></b>
<b>V1</b>	<b>20090401</b>	<b>Preliminary Release</b>

## **Precaution**

Failure to follow the precautions described below may cause damage to DVI over CAT 5 Transmitter and Receiver Box and void the warranty.

- DO NOT open the case. Doing so will void the warranty. If you find problem with it, please return back to your retailer or seller who will assist you or provide you with solution.
- DO NOT use third-Party AC adapter or power cord. Doing so may damage DVI over CAT 5 Transmitter and Receiver Box.
- DO NOT bump, jar or drop contents of the products as it may damage it and result in warranty void.
- DO NOT set any liquids or beverages on the drive as they may damage DVI over CAT 5 Transmitter and Receiver Box.

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## **1. Introduction**

The DVI Receiver over CAT 5 is a device that is able to receive DVI signals. Not only can this device receive HD quality signals but it can also receive analog/digital audio signals with its coaxial and L/R audio ports. This DVI Receiver is the best way for receiving high resolution digital media and viewing it on displays.

## **2. Application**

- Displaying a DVI signal in a distant room.
- Transferring digital/audio up to 100m's away.

## **3. Contents**

- DVI over CAT 5 Receiver 100M x 1
- Operational Manual x 1
- 5V/2.6A Power Adaptor x 1

## **4. System Requirements**

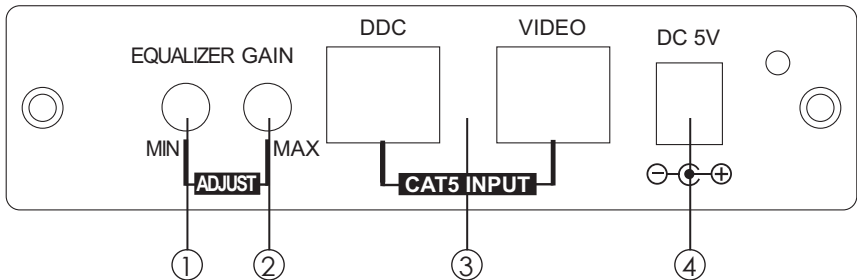
PC/DVI source with DVI output connector, DVI to DVI cable(s), CAT 5 cable(s) and DVI display monitor.

## **5. Features**

- Compatible with HDMI 1.2, and DVI 1.0.
- Supports Equalizer and Gain adjustment.
- Has high definition input/output up to 1080P/WUXGA.
- Easy to install and operate.
- Connects CAT 5 to DVI without any signal loss even after transferring 100 meters.
- Not compatible with HDCP Sources.
- The Transmitter includes a built-in EDID.
- Supports both Coaxial and Stereo external sound.

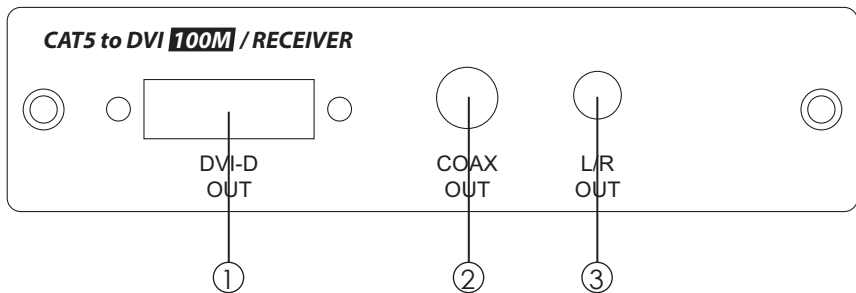
## 6. Operation Controls and Functions

### 6.1 Receiver's Front Panel



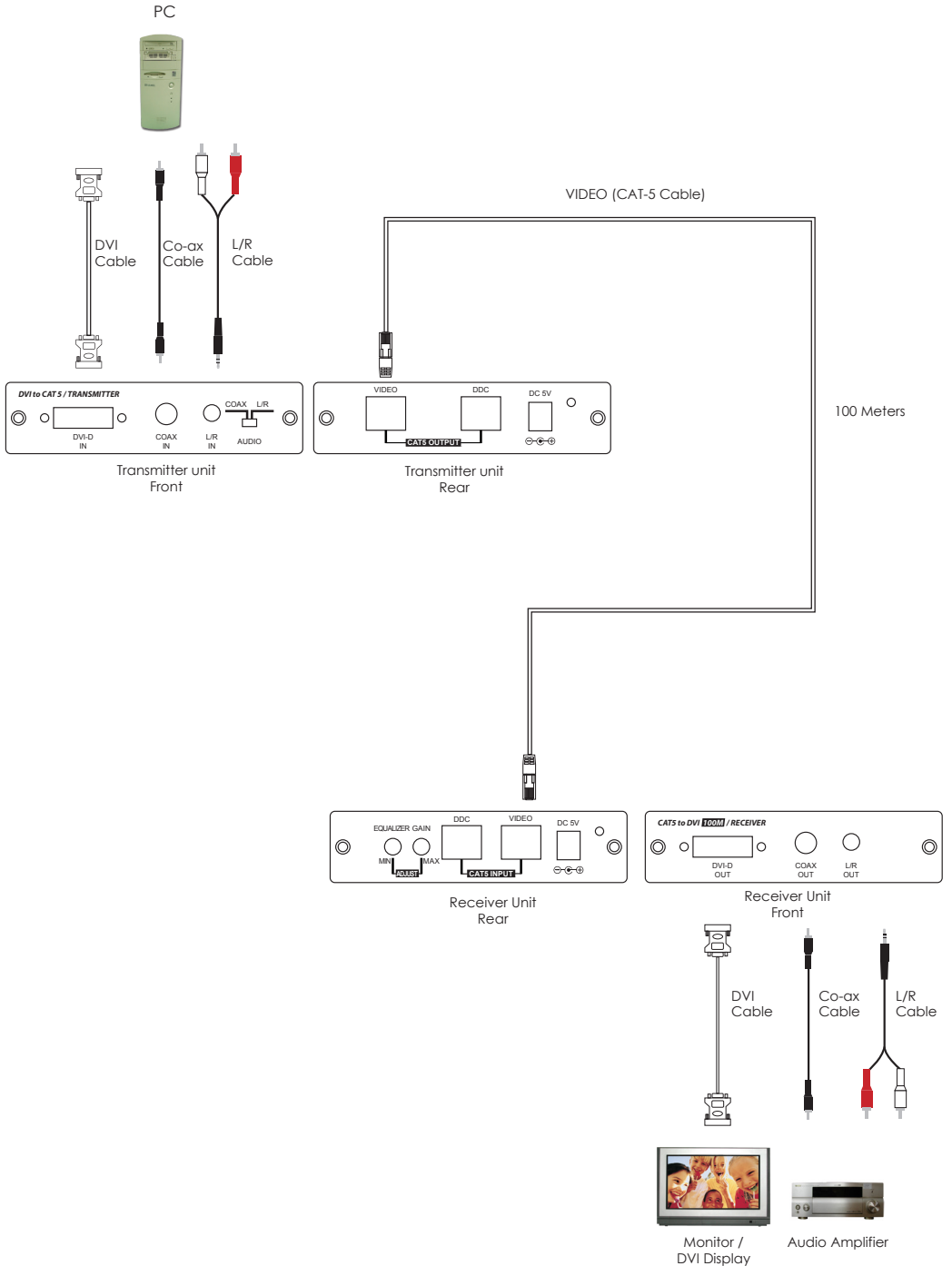
- ① EQUALIZER – Use this switch to adjust Sharpness/Peak during long distance transmission by turning right or left.
- ② GAIN – Adjust the Brightness and Contrast by turning the switch right or left.
- ③ VIDEO CAT 5 INPUT – Connect the Video input to the Video output of the Transmitter with a CAT-5/CAT-5E cable. (Suggest using solid UTP CAT5 cable for better performance)
- ④ Power Jack – Plug the 5V / 2.6A power supply into the unit and connect the adaptor to an AC outlet.

### 6.2 Receiver's Rear Panel



- ① DVI-D OUT – Use a DVI cable to connect with a DVI display.
- ② COAX OUT – Connect to an audio amplifier/equipments input with a coaxial cable.
- ③ L/R OUT – Plug into an audio equipment's input using a 3.5mm jack.

# 7. Connection and Installation



## 8. Specifications

Transmitter Input port	1 x DVI-I female port (Accept DVI-D signal only) 1 x Coaxial 1 x L/R Audio
Transmitter Output port	2 x CAT5 RJ 45 8pin
Receiver Input port	2 x CAT5 RJ 45 8pin
Receiver Output port	1 x DVI-I female port (Output DVI-D Signal only) 1 x Coaxial 1 x L/R Audio
Resolution	HD- 480i/p 60, 576p 50, 720P 50/60, 1080i 50/60Hz, 1080p 50/60Hz PC- 640 x 480=VGA72, VGA75, VGA85 800 x 600=SVGA56, SVGA60, SVGA72, SVGA75, SVGA85 1024 x 768=XGA60, XGA70, XGA75, XGA85 1280 x 1024=SXGA60, SXGA75, SXGA85 1600 x 1200=UXGA60 1920 x 1200=Reduced blanking WUXGA
Power Supply	5V / 2.6A DC power supply
Dimensions (mm)	125 x 130 x 30 / each
Weight (g)	700 /each
Material	Aluminum
Color	Silver
Power Consumption	Transmitter 7W Receiver 6W



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