

## Audio Video Display Remote Long Quick Installation Guide



### 1. Introduction

AVDS RL is part of the AVDS system. It transmits full HD video and mono audio to a plasma/LCD screen located up to 250m/825ft away over CAT5/6/7 cable.

The AVDS RL displays rich multimedia content to a single screen in real-time, over a long distance (with Skew correction capability), without degradation to video or sound quality.

## 2. System diagram

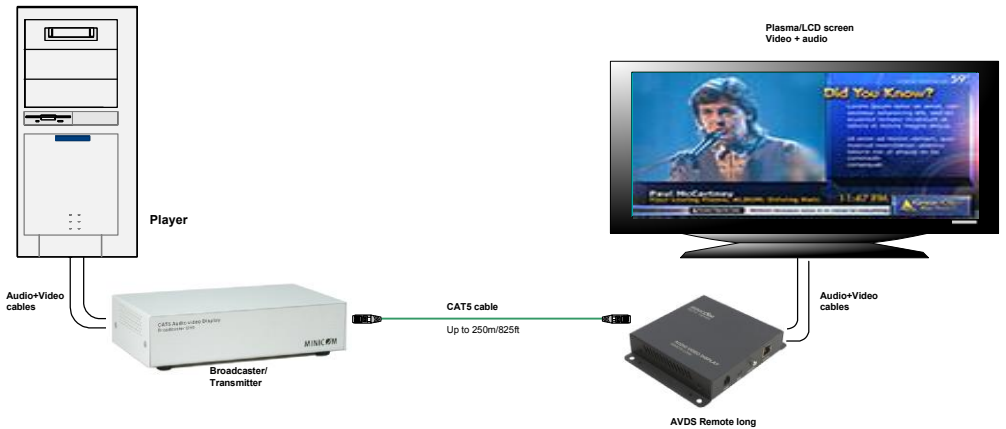


Figure 1 System diagram

## 3. System components

The AVDS system consists of the following components:

- Broadcaster 8 port/ Transmitter
- (Optional) Line Splitter
- Remote or Remote Long for each display device
- (Optional) VDS control unit

## 4. AVDS Remote Long unit

The figures below illustrate the two sides of the Remote Long.



Figure 2 Remote Long – side 1

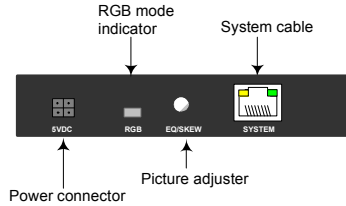


Figure 3 Remote Long – side 2

### 4.1. Remote Long LEDES

System port	
LED	Indication when lit
Left LED (Yellow)	The Remote Long detects a video signal from the Broadcaster/Transmitter
Right LED (Green)	Power

## 5. Compatible cabling

AVDS works with CAT5/5e/6/7 data solid wire cabling.

## 6. Connecting the Remote Long unit

Connect a CAT5/6/7 cable as follows:

Connect the CAT5/6/7 cable - up to a distance of 250m/825ft - to the System port of the Remote Long and the System port of the Transmitter/Broadcaster or Line Splitter. See Figure 1 above.

Connect the screen/display to the Remote Long Video port using the screen's Video cable.

Connect the screen/speakers to the Remote Long Audio port using the screen's Audio cable.

Connect the Remote Long to the power supply with the 5VDC Power adapter provided.

Once connected, the system is ready to transmit the video and audio signals.

## 7. Video Tuning the Remote Long

When the picture needs adjusting, tune the picture as follows:

To enter the tuning mode, hold down the Remote Long's EQ/SKEW knob (see Figure 3) for 4 seconds, the RGB LED turns red. During the tuning procedure the RGB LED goes through a cycle of six different colors, with each color representing a different parameter to tune.

The color order is: Red > Green > Blue > White > Orange

The colors mean the following:

- Red, green and blue – red, green and blue skew correction
- White – peak correction
- Orange – gain correction

To adjust the picture for each color, rotate the knob. When the RGB LED blinks it means that the maximum or minimum tuning parameter has been reached.

Once the tuning is satisfactory, press the knob to save the adjustment and move to the next color. By not pressing the knob, adjustments done for the currently lit color, will not be saved and the unit exits the tuning mode after approximately 13 seconds of inactivity.

### 7.1. Exiting tuning mode

The unit automatically exits the tuning mode either at the end of the color cycle - after pressing and saving the Orange color adjustment - or (as already mentioned) at any point in the process after not touching the knob for approximately 13 seconds. The LED turns off.

For the full User Guide go to the Support section of our website:

<http://www.minicomdigitalsignage.com/support/supportuserguides.htm>