

HDMI Over CAT5 Receiver at 250 Meters

Operation Manual



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1. Introduction

Cypress CA-HDMI250R is the receiver (Rx) unit of HDMI over CAT5 Tx/Rx solution, works with CA-HDMIAT (the transmitter), can extend HDMI signal through CAT-5 cables for a distance up to 250 meters. The installation of Cypress HDMI Over CAT5 is easy and quick, simply place CA-HDMIAT next to your HDTV source such as a DVD player, then place CA-HDMI250R next to your display, and get all necessary cables connected to complete and enjoy.

2. Features

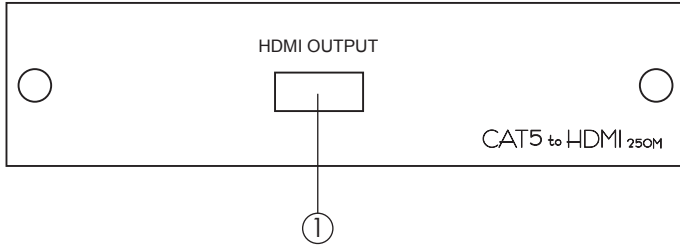
1. Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications.
2. Supports CAT-5/CAT-5E/CAT-6 cables of variable types.
3. Supports high definition input up to 1080P, output resolution follows input.
4. Easy to install and simple to operate.

3. Package Contents

1. Cypress CA-HDMI250R - HDMI Over CAT5 Receiver at 250 Meters
2. 5VDC Power Supply Adaptor
3. Operation Manual

4. Operation Controls and Functions

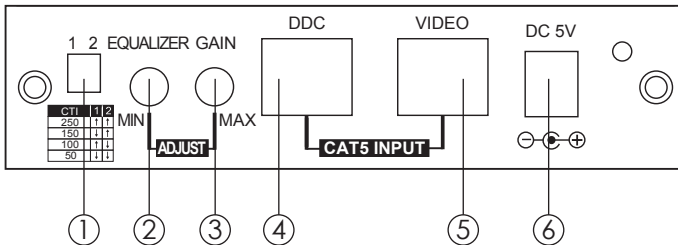
4.1 Front Panel



1. HDMI OUTPUT:

Connect the HDMI output port to the HDMI input of your display.

4.2 Rear Panel



1. Distance Control Jumper:

Before adjust EQUALIZER and GAIN, use the twin jumpers to adjust to the optimized setting for different distance of connection first.

CTI	1	2
250	↑	↑
150	↓	↑
100	↑	↓
50	↓	↓

*CTI: Color Tran-Sient Improuement

2. EQUALIZER:

Use this switch to adjust signal enhancement over long distance.

3. GAIN:

Use this switch to adjust brightness.

4. DDC INPUT:

Connect the DDC input to the DDC output of the transmitter unit using CAT-5/CAT-5E/CAT-6 cable.

Note: For advanced user only, if it's known that the DDC or HDCP data are not required for the source and the display, you can use a single CAT-5 cable for the VIDEO connection only.

5. VIDEO INPUT:

Connect the VIDEO input to the VIDEO output of the transmitter unit using CAT-5/CAT-5E/CAT-6 cable.

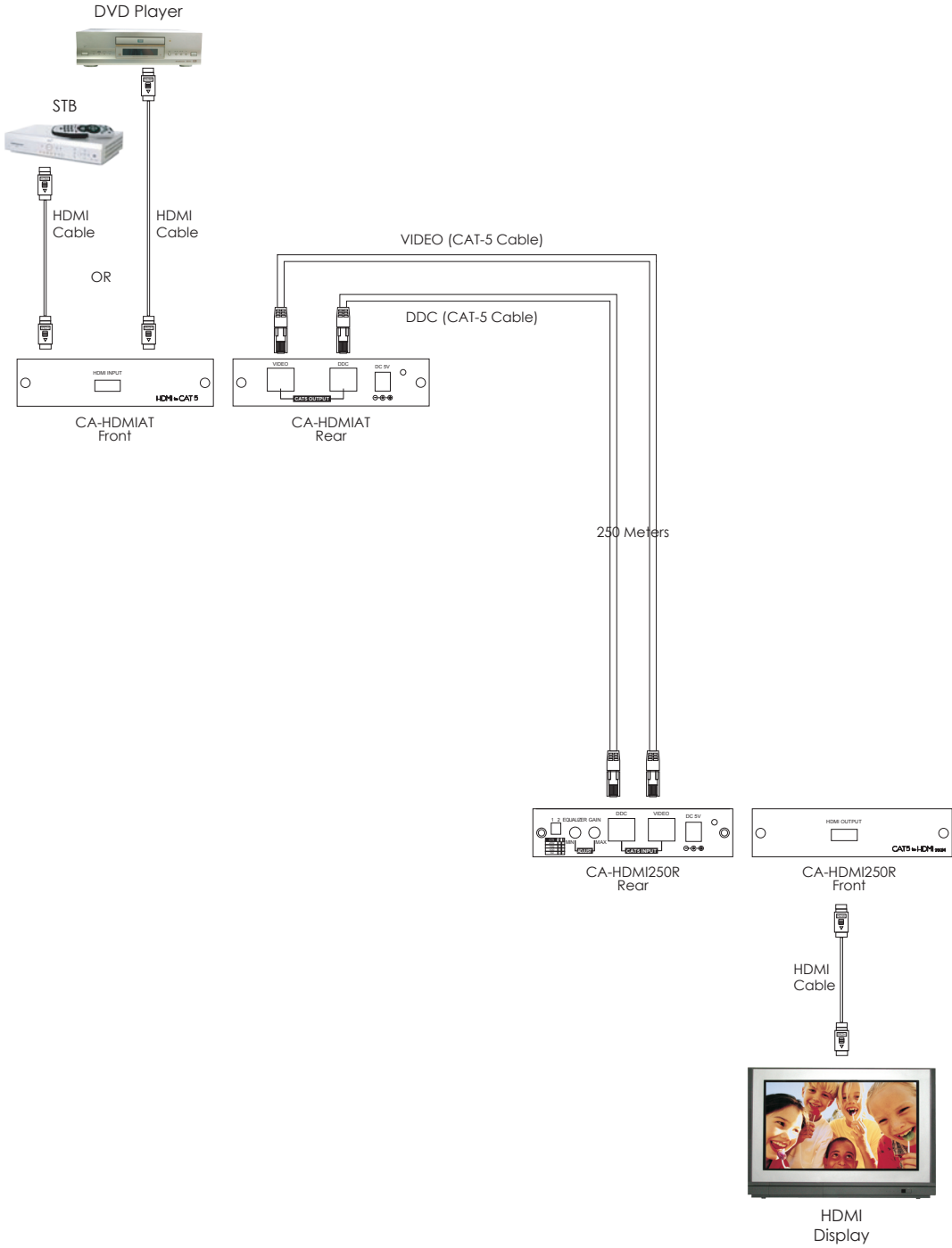
6. Power:

Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.

5. Specifications

1. Supported resolutions: HDMI - 480i/480p, 576i/576p, 720P@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
2. Input: 1 CAT-5 input for VIDEO, 1 CAT-5 input for DDC
3. Output: 1 HDMI female port
4. Power: 5V DC power supply
5. Dimensions: 123(W) x 125(D) x 30(H)mm
6. Weight: 700g

Connection and Installation



Cypress HDMI Over CAT5 Series:

Product	Description
CA-HDMIAT	HDMI Over CAT5 Transmitter
CA-HDMI 50R	HDMI Over CAT5 Receiver at 50 meters
CA-HDMI 100R	HDMI Over CAT5 Receiver at 100 meters
CA-HDMI 150R	HDMI Over CAT5 Receiver at 150 meters
CA-HDMI 250R	HDMI Over CAT5 Receiver at 250 meters

