



**TRIBUTARIES®**

Bringing it all together

# HDMI™

HIGH-DEFINITION MULTIMEDIA INTERFACE

# EXTENDER OVER CAT5



**HXC5**

**Extends HDMI™ over CAT5 50 meters**

[www.tributariescable.com](http://www.tributariescable.com)



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**HXC5**

## 1. Introduction

Tributaries HXC5 can extend HDMI signal through CAT5E cables for a distance up to 50 meters. The installation of Tributaries HXC5 is easy and quick. Simply place the transmitter next to your HDTV source, such as a DVD player, then place the receiver close to your display. Complete the installation using Tributaries HDMI Cables and 2 runs of CAT5/CAT5E/CAT6.

## 2. Features

1. Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications.
2. Supports CAT5/CAT5E/CAT6 cables of variable types.
3. Supports high definition input up to 1080p, output resolution follows input.
4. Easy to install and simple to operate.

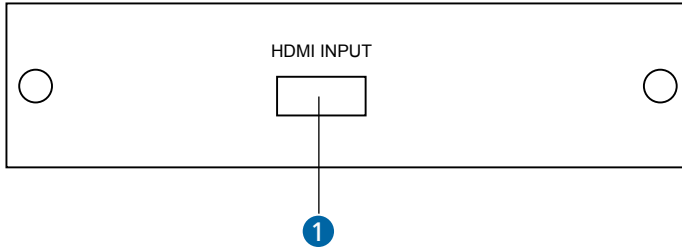
## 3. Package Contents

1. Tributaries HXC5 transmitter.
2. Tributaries HXC5 50 meter receiver.
3. Two 5VDC power supply adaptors.
4. Operation manual.



## 4. Transmitter Operational Controls and Functions

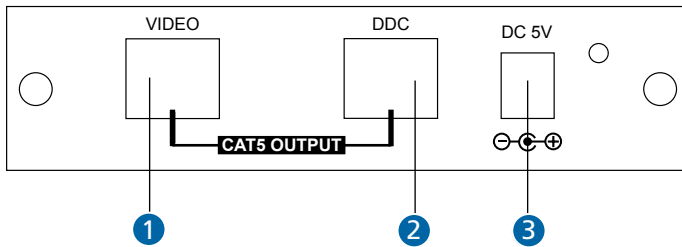
### 4.1 Front Panel



#### 1 HDMI INPUT:

Connect the HDMI input to the HDMI or DVI output (using a DVI to HDMI adaptor) of your source equipment such as a DVD player or set-top-box.

### 4.2 Rear Panel



#### 1 VIDEO OUTPUT:

Connect the VIDEO output to the VIDEO input of the receiver unit using CAT5/CAT5E/CAT6

#### 2 DDC OUTPUT:

Connect the DDC output to the DDC input of the receiver unit using CAT5/CAT5E/CAT6 cable.

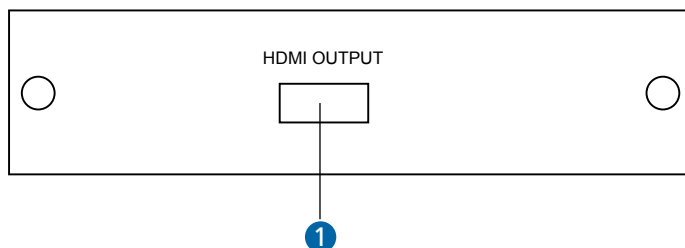
**Note:** If it's known that the DDC or HDCP data are not required for the source and the display, you can use a single CAT5/CAT5E/CAT6 cable to connect the VIDEO output of the transmitter and VIDEO input of the receiver.

#### 3 POWER:

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

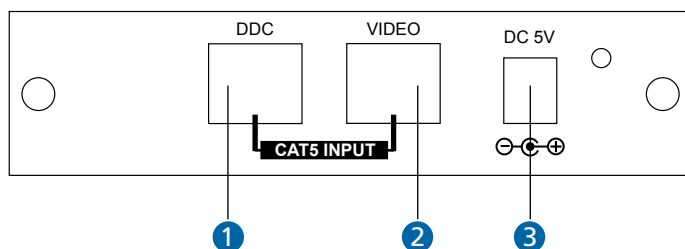
## 5. Receiver Operational Controls and Functions

### 5.1 Front Panel



- 1 HDMI OUTPUT:**  
Connect the HDMI output to the HDMI input of your display.

### 5.2 Rear Panel



- 1 DDC INPUT:**  
Connect the DDC input to the DDC output of the transmitter unit using CAT5/CAT5E/CAT6 cable.  
**Note:** If it's known that the DDC or HDCP data are not required for both source and the display, you can use a single CAT5/CAT5E/CAT6 cable for the VIDEO connection only.
- 2 VIDEO INPUT:**  
Connect the VIDEO input to the VIDEO output of the transmitter unit using CAT5/CAT5E/CAT6 cable.
- 3 POWER:**  
Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.



## 6. Transmitter Specifications

1. Supported resolutions: HDMI - 480i/480p, 576i/576p, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
2. Input: 1 HDMI female connector
3. Output: 1 RJ45 output for VIDEO, 1 RJ45 output for DDC
4. Power: Input 5V / 2.6A DC power supply
5. Dimensions: 5"(W) x 5"(D) x 1"(H)

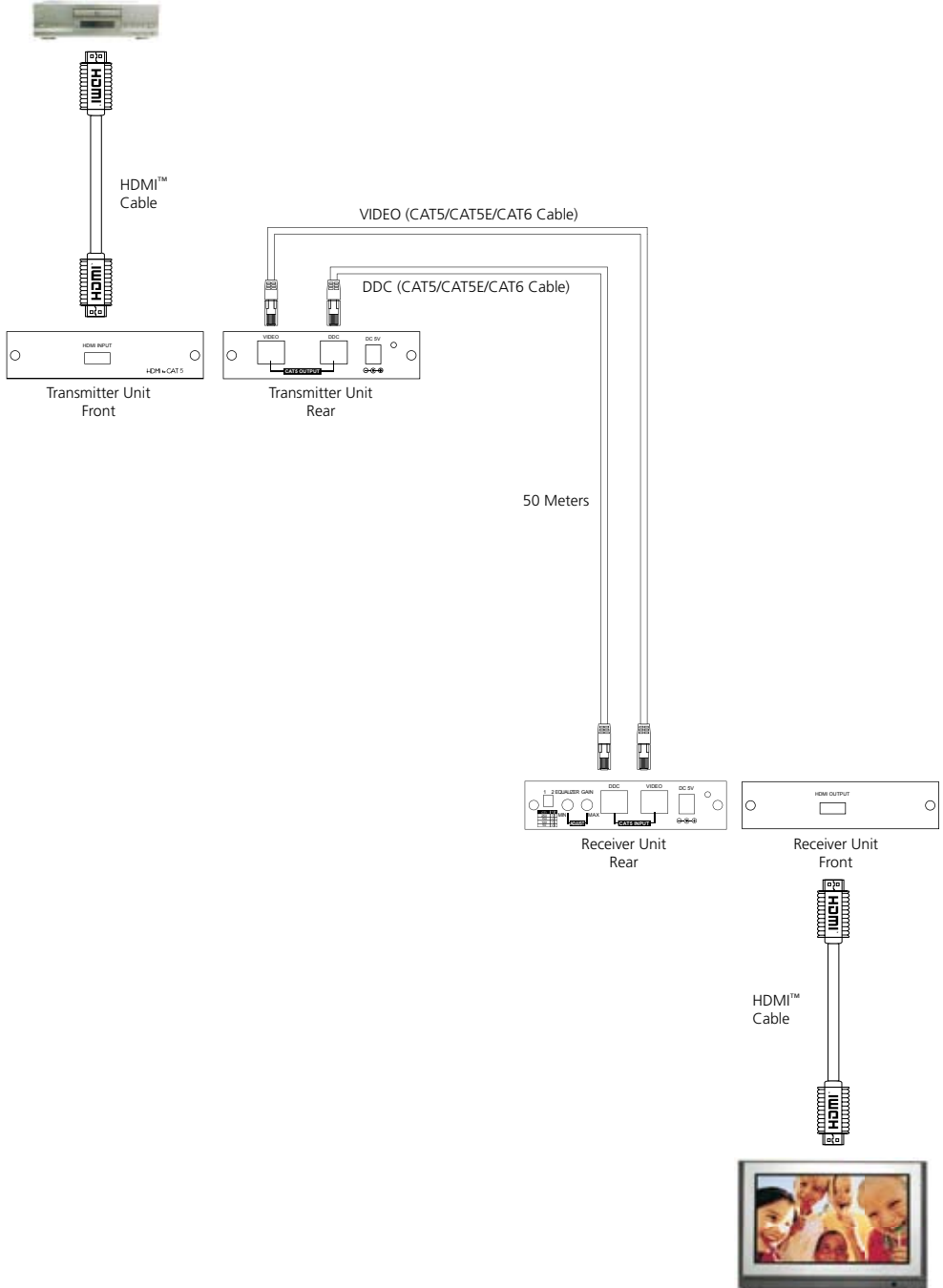
## 7. Receiver Specifications

1. Supported resolutions: HDMI - 480i/480p, 576i/576p, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
2. Input: 1 RJ45 output for VIDEO, 1 RJ45 output for DDC
3. Output: 1 HDMI female port
4. Power: Input 5V / 2.6A DC power supply
5. Dimensions: 5"(W) x 5"(D) x 1"(H)



# 8. Connection and Installation

DVD Player, Satellite Receiver  
Cable, STB, or Gaming Console





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