HロME THEATER GRロபP

## CS-MINISDI

# HDMI ${ }^{\circledR}$ EXTENDER 

OVER SINGLE 100M/328FT COAXIAL CABLE
USER MANUAL


Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## I. Introduction

The HDMI extender over coaxial cables is the right way to send your HDMI signal over long distances. Instead of using expensive HDMI cables, this device lets you use your coaxial cable while also performing the same functions like transferring Deep Color (12 bits/color) video and digital audio, all with a bandwidth up to 225 MHz .

## II. Features

1. Compliant with HDMI 1.3, HDCP 1.1 and DVI1.0 standards.
2. Operation at $2.970 \mathrm{Gbit} / \mathrm{s}, 1.485 \mathrm{Gbit} / \mathrm{s}$ and $270 \mathrm{Mbits} / \mathrm{s}$
3. Supports SMPTE 425M, SMPTE 424M, SMPTE 292M, SMPTE 259M-C
4. Equalized and re-clocked loop output Integrated audio deembedder for a maximum of 8 channel, 48 kHz audio

## III.Package

1. HDMI Transmitter
2. HDMI Receiver
3. 5V1A DC Power Supply Adaptor (2 Pcs)
4. Product Manual

## IV. Specifications

| HDMI Transmitter ports | $1 \times \mathrm{HDMI}, 1 \times$ Coaxial |
| :--- | :--- |
| HDMI Receiver ports | $1 \times \mathrm{HDMI}, 1 \times$ Coaxial |
| Power Supply | $2 \times 5 \mathrm{~V}, 1 \mathrm{~A} \mathrm{DC}$ |
| ESD Protection | $\pm 8 \mathrm{kV}$ (air-gap discharge), <br>  <br>  <br> 4 kV (contact discharge) |
| Dimension | $80 \mathrm{~mm} \times 41 \mathrm{~mm} \times 25 \mathrm{~mm}$ |
| Weight | 150 g |
| Operating Temperature | $0^{\circ} \mathrm{C} \sim 40^{\circ} \mathrm{C} / 32^{\circ} \mathrm{F} \sim 104^{\circ} \mathrm{F}$ |
| Storage Temperature | $-20^{\circ} \mathrm{C} \sim 60^{\circ} \mathrm{C} /-4^{\circ} \mathrm{F} \sim 140^{\circ} \mathrm{F}$ |
| Relative Humidity | $20 \sim 90 \% \mathrm{RH}($ Non-condensing $)$ |
| In/Output Resolution | $480 \mathrm{i}, 576 \mathrm{i}, 720 \mathrm{p} @ 50 / 59.94,60,1080$ i@50/59.94/60 <br> $1080 \mathrm{p} @ 23.97 / 24 / 25 / 29.97 / 30 / 50 / 59.94 / 60$ |

## V. Connect and Operate

Connect the source such as Blu-Ray player, game system, audio/video receiver, cable or satellite receivers or computers equipped with HDMI output interfaces with a short high-speed HDMI cable to the HDMI Transmitter input. HDMI cable length should not exceed 16 ft .

Connect the HDMI Transmitter output BNC coaxial ports using single coaxial cables to included Receiver.

Connect the HDMI output from the Receiver to High-Definition display with HDMI input. Use high-speed HDMI cables and cable length should not exceed 16 ft .

## VI. Application Example


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