HDMI to HDMI
Splitter - Extender
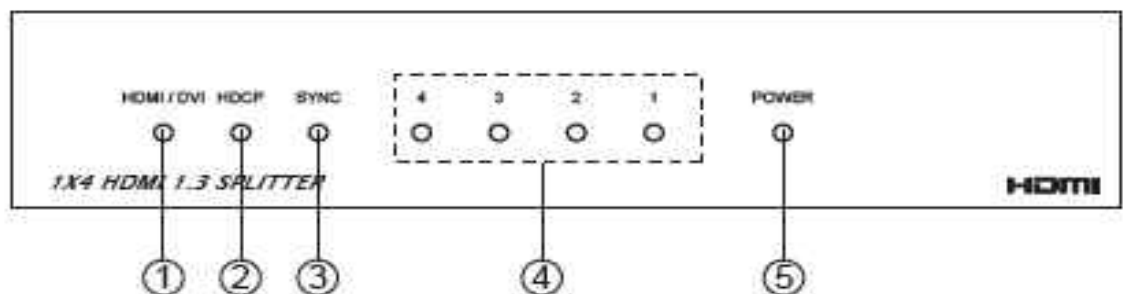## 1 input - 4 output ID# 556

Operation Manual

CONVERTERS.TV

Introduction

The **HDMI to HDMISplitter - Extender 1 input - 4 output** is the most advanced solution to HDMI signal distribution. This product is compatible to HDMI v1.3 specifications, a cutting-age technology which defines the support to transfer Deep Color (10-bit and 12-bit) video and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz (6.75Gbps). Besides splitting and distributing, the HDMI to HDMISplitter - Extender 1 input - 4 output also does signal amplification and equalization, so as to provide high performance I/O of audio and video. Each of the buffered output can run up to 30 meters and can be cascaded.

Features

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant Receiver.
- Deep color video up to 12bit, 1080p@60Hz.
- One HDMI source to connect to four HDMI display simultaneously.
- HDCP keysets allows each output to work independently when connecting to a HDMI display.
- Splits a HDMI source to up to four output without signal loss.
- Supports DVI source and DVI display by using HDMI to/from DVI adapter cable.
- Dolby Digital, DTS digital audio transmission (32-192 kHz Fs sample rate).
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- HDMI cable distance test with 1080p resolution: Input/Output source can run up to 30M/5.1CH.
- Full HDCP Compliant.

Operating Functions and Controls
Front Panel

1 HDMI/DVI Indicator: The LED will illuminate when the selected HDMI input source is originally from an HDMI output, the LED will illuminate when the selected HDMI input source is originally from a DVI output.
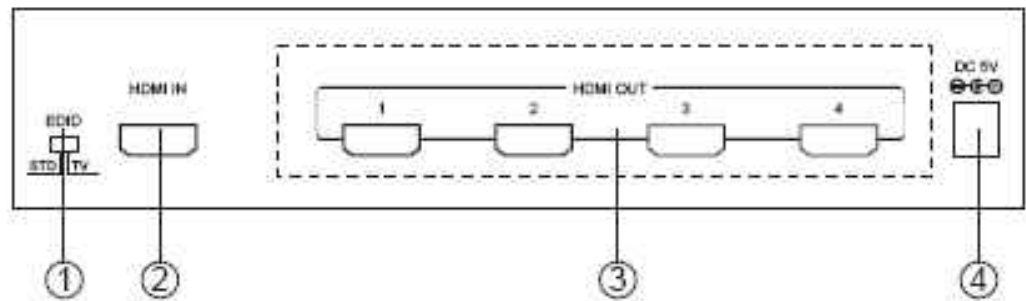**2 HDCP Indicator:** The LED will illuminate when the selected HDMI input

source is HDCP-protected.

3 SYNC Indicator: The LED will illuminate when the selected HDMI IN connects to an HDMI or DVI output correctly.

4 HDMI output Indicator: The LED will illuminate when the output sources are been connected.

5 POWER Indicator: The power LED will illuminate when power on.

Rear Panel

1 EDID Control Jumper: Default factory setting is TV, leave as is if the

display is properly. Switch to STD to use build-in EDID if the display has problems. When the EDID control jumper in TV selection, the unit will detect the first HDMI output source's EDID and record in the unit. If the first detected output source is DVI it will pass to next source, until the first HDMI been detected.

2 HDMI Input: Connect input port to the HDMI or DVI output of your source equipment such as DVD player or set-top-box.

3 HDMI Outputs 1 to 4: Connect each of the output ports to the HDMI display. When more than one output connected, the HDMI outputs play identical video signal simultaneously.

4 Power: Plug the 5V DC power supply into the splitter and connect the adapter to AC wall outlet.

Specifications

Frequency bandwidth	2.25Gbps (single link)
Input ports	1 x HDMI female port (Type A connector)
Output port	4 x HDMI female port
Power Supply	5VDC/2.6A (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	215(W) x 133(D) x 44(H)
Weight(g)	850g
Chassis Material	Metal
Silk Skin Color	Black
Operating Temperature	Operating from 0°C ~ 70°C

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Connection and Installation

HDMI IN

EDID

HDMI OUT
1   2   3   4

DC 5V

HDMI Cable   HDMI Cable

DVD or Set-Top-Box

HDTV   HDMI display   LCD TV

OR   OR