# **HDMI SPLITTER CST-104A**



#### 1.0 Introduction:

HDMI Splitter is a product which can distribute HDMI signal without loss to one or more high definition display device such as HDTV. It can optimize your home theatre system to the best effect.

HDMI signal is distributed from source device such as DVD, Satellite Receiver, Set-Top Box, DV Camera, A/V Receiver and other HDMI enabled device to high definition display device such as HDTV and HDMI Flat panel Display.

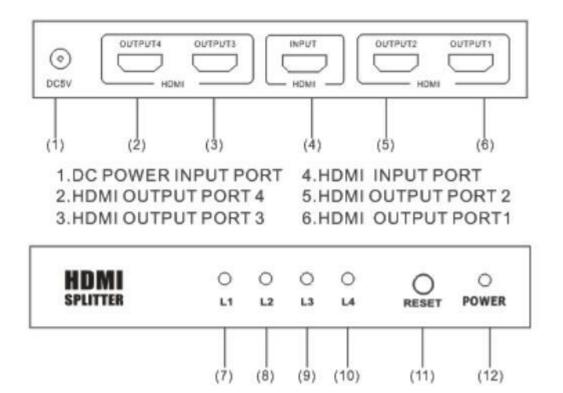
#### 2.0 Features:

- 1. Fully HDMI 1.4 specification compliant. It is applicable to source device and high definition display device—such as DVD and HDTV which have HDMI Ports or digital ports and are compliant with HDCP protocol.
- 2. Support high resolutions:480i/p,576i/p,720i/p,1080i/p,4Kx2K@25/30Hz.
- 3. Support 30/36 dark, extended color space support, including: SYCC601、Adobe RGB、Adobe YCC601
- 4. Blu-ray DVD 24/50/60fs/HD-DVD/xv YCC.
- 5. Audio formats DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3 and DSD.
- 6. Extend the transmission distance and improve transmission signal.
- 7. Compatible with DVI by using HDMI to DVI adapter.
- 8. Plug- and -play.
- 9. Metal casing design and overall shielding without signal interference.
- 10. Led indicates signal and power mode.

- 11. Power supply (please refer to technical parameter).
- 12. Support 3D

1. HDMI 1×4 Splitter	3.0 Packaging accessories:	
3. User Manual       1 Pcs         4.0 Technical parameters       1 Display Device Input Port       1 Display Device Output Port       4 Source Port Connector       19 PIN HDMI         Display Device Port Connector       19 PIN HDMI       19 PIN HDMI         HDCP Compliant       YES       19 PIN HDMI         HDCP Compliant       YES       19 PIN HDMI         HDCP Compliant       YES       10 Volts P-P         Input Video Signal       0.5-1.0 Volts P-P         Input DDC Signal       5 Volts P-P(TTL)         Deep Color       48 Bit         HDMI Version       HDMI1.4         Bandwidth       Up to 340 Mhz         Signal Speed       Up to 10.2Gbps         The length of input cable       PS4≤15M; BLUE DVD≤15M         The length of output cable       26AWG HDMI1.4         Vertical Frequency Range       60Hz         Power Consumption (max.)       3.5Watts         Operation Temperature       0°C-70°C         Working Voltage       DC 5V         Power Adaptor       5V 1A         Net Weight       0.39Kg	1. HDMI 1×4 Splitter	1 Pcs
4.0 Technical parameters         HDMI Source Input Port	2. 5V DC Power Adaptor	1 Pcs
HDMI Source Input Port       ————————————————————————————————————	3. User Manual	1 Pcs
HDMI Source Input Port       ————————————————————————————————————		
Display Device Output Port	4.0 Technical parameters	
Source Port Connector	HDMI Source Input Port	1
Display Device Port Connector	Display Device Output Port	4
HDCP Compliant	Source Port Connector	19 PIN HDMI
Single Link Range	Display Device Port Connector	19 PIN HDMI
Input Video Signal	HDCP Compliant	YES
Input DDC Signal5 Volts P-P(TTL)  Deep Color	Single Link Range	3840x2160
Deep Color	Input Video Signal	0.5-1.0 Volts P-P
HDMI Version	Input DDC Signal	5 Volts P-P(TTL)
Bandwidth	Deep Color	48 Bit
Signal Speed	HDMI Version	HDMI1.4
The length of input cablePS4≤15M; BLUE DVD≤15M  The length of output cable	Bandwidth	Up to 340 Mhz
The length of output cable	Signal Speed	Up to 10.2Gbps
The cable standard	The length of input cable	PS4≤15M; BLUE DVD≤15M
Vertical Frequency Range	The length of output cable	≤25M
Power Consumption (max.)	The cable standard	26AWG HDMI1.4
Operation Temperature	Vertical Frequency Range	60Hz
Working Voltage	Power Consumption (max.)	3.5Watts
Power Adaptor5V 1A Net Weight0.39Kg	Operation Temperature	0°C-70°C
Net Weight0.39Kg	Working Voltage	DC 5V
	Power Adaptor	5V 1A
Dimension: L*W*H(mm)150x64x25	Net Weight	0.39Kg
	Dimension: L*W*H(mm)	150x64x25

## **5.0 Panel Introduction**



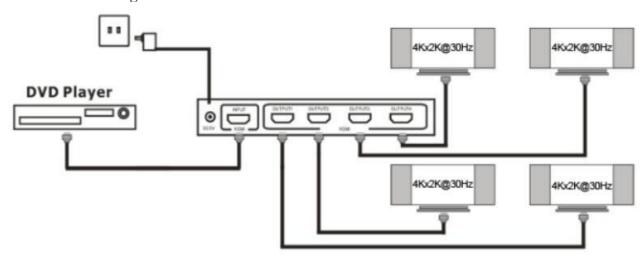
7. HDMI OUTPUT 1 INDICATOR 10. HDMI OUTPUT 4 INDICATOR

8.HDMI OUTPUT 2 INDICATOR

11.SIGNAL RESET PUSH BUTTON

9.HDMI OUTPUT 3 INDICATOR 12.POWER INDICATOR

## **6.0** Connection diagram



- 6.01 Connect the HDMI cable between signal source and input port of Splitter.
- 6.02 Connect the HDMI cable between output port of Splitter and HDTV.
- 6.03 Connect splitter and power adapter.
- 6.04 Open the signal source and the power of HDTV, then it works.

Explanation: With different brands of the input or output device, the length of the connecting cables will differ too.

## 7.0 Installation and Precautions

To avoid electric shock, product damage and to protect your safety, please notice the following:

- 1. Please slowly plug or unplug signal cables and do not often plug, unplug, or shake them.
- 2. The equipment should not be placed under the sun, rain and damp or unventilated environment.
- 3.Liquid items should not be placed on the equipment.
- 4.Do not install the equipment near heat sources such as fire , power , or other amplifiers that produce heat.
- 5.Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.