



Comprehensive CDA-HD400 HDMI Splitter User Manual

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Comprehensive CDA-HD400 HDMI Splitter



Thank yOu for buying our product. Before operating this product, please read them annually in detail and maintain good condition for reference in the future!

Packaging accessories:

1. **HDMI Splitter:** one pc
2. **5V DC Power Adaptor:** one pc
3. **User Manual:** one purchase

Installation and Precautions

Before installing and using the product, you must read the instruction about safety and operation, and operate it in accordance with the instruction. Maintain the manual for reference in future.

Description of Product

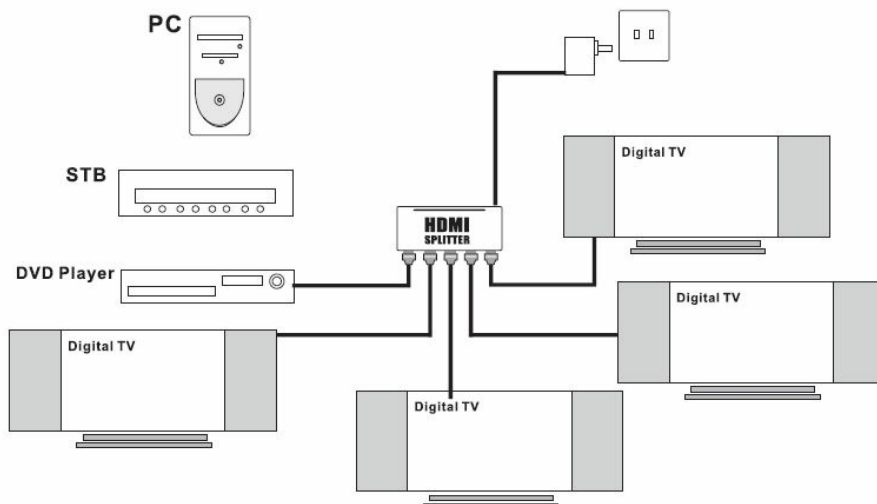
HDMI Splitter is a product which can distribute HDMI signal without loss to one or more display terminal device such as HDTV. It can optimize your home theatre system to the best effect .

Features

- Fully HDCP 1.2 specification compliant. It is applicable to source device and high definition display terminal device such as DVI and HDTV which have HDMI interfaces or digital interfaces, and are compliant with HDCP protocol .
- Support high resolutions up to 1920*1200, including 480i/p, 576i/p, 720i/p, 1080i, 1080p.
- Support HDMI 1.3.
- Extend the transmission distance and improves transmission signal.
- Compatible with DVI through a HDMI to DVI adapter.
- Support hot plug-and-play.
- Metal casing design and overall shielding without signal interference.
- LED indicate signal and power mode.
- Power supply(please refer to technical parameter)

Application

Single HDMI signal is distributed from source device such as DVD player, satellite receiver, set-top box, DV camera, A/V receiver and those products with HDMI interface to digital TV, HDMI flat panel display and HDTV.



How It Works

1. Connect HDMI source device such as DVD to HDMI Splitter's input interface.
2. Connect your HDTV's input interfaces to HDMI Splitter's output interfaces.
3. After all the connections have been successfully done, you can select the information you want to view or listen.

Note: When HDMI Splitter works, make sure the source device such as DVD and display device are well connected with cables. In order to make the relevant interfaces work properly, firstly power on the splitter, then power on the source device.

Technical Parameter in Detail

Model	CDA-HD200	CDA-HD400	CDA-HD800	CDA-HD1600
Product	2 port HDMI Splitter	4 port HDMI Splitter	8 port HDMI Splitter	16 port HDMI Splitter
HDMI Source Input Port	1	1	1	1
Display Device Output Port	2	4	8	16
Source Port Connector	19 pin HDMI	19 pin HDMI	19 pin HDMI	19 pin HDMI
Display Device Port Connector	19 pin HDMI	19 pin HDMI	19 pin HDMI	19 pin HDMI
HDCP Compliant	Yes	Yes	Yes	Yes
Device Port LED	2	4	8	16
Single Link Range	1920*1200	1920*1200	1920*1200	1920*1200
HDMI Version	HDMI 1.3	HDMI 1.3	HDMI 1.3	HDMI 1.3
Bandwidth	Up to 340Mhz	Up to 340Mhz	Up to 340Mhz	Up to 340Mhz
signal speed	Up to 10.2Ghz	Up to 10.2Ghz	Up to 10.2Ghz	Up to 10.2Ghz
The length of input cable	PS3≤ 10M; BLUE DVD≤ 10M.	PS3≤ 10M; BLUE DVD≤ 10M.	PS3≤ 10M; BLUE DVD≤ 10M.	PS3≤ 10M; BLUE DVD≤ 10M.
The length of output cable	≤ 10M	≤ 10M	≤ 10M	≤ 10M
The cable standard	28AWG HDMI 1.3	28AWG HDMI 1.3	28AWG HDMI 1.3	28AWG HDMI 1.3
Vertical Frequency Range	60Hz	60Hz	60Hz	60Hz
Power Consumption(max.)	3.5 Watts	3.5 Watts	6.5 Watts	6.5 Watts
Operation Temperature	0°C to 70°C	0°C to 70°C	0°C to 70°C	0°C to 70°C
Working voltage	DC 5V	DC 5V	DC 5V	DC 5V
New Weight	115 g	275 g	1Kg	1.5Kg
Dimension: L*W*H(mm)	84*48*24.5	150*65*26	276*156*24.5	350*152*45

Product's component instruction

1* 2 Splitter

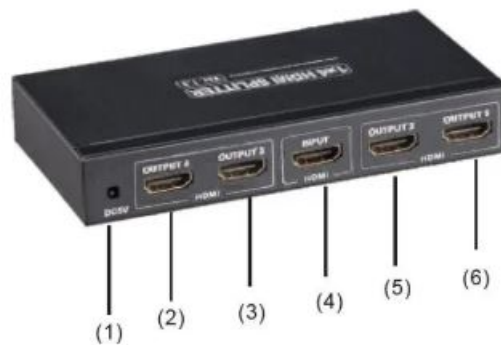


1. DC POWER INPUT INTERFACE
2. HDMI INPUT INTERFACE
3. HDMI OUTPUT INTERFACE 1
4. HDMI OUTPUT INTERFACE 2

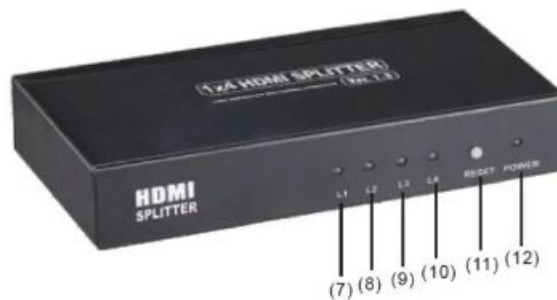


- 5. HDMI OUTPUT 2 INDICATOR
- 6. HDMI OUTPUT 1 INDICATOR
- 7. SIGNAL RESET KEY
- 8. POWER INDICATOR
- 9. POWER SWITCH

1* 4 S plitter

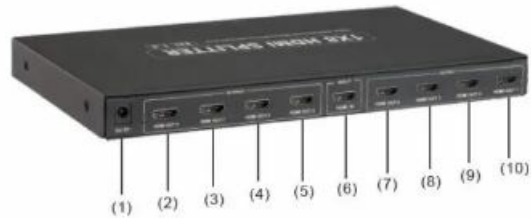


- 1. DC POWER INPUT INTERFACE
- 2. HDMI OUTPUT INTERFACE 1
- 3. HDMI OUTPUT INTERFACE 2
- 4. HDMI INPUT INTERFACE
- 5. HDMI OUTPUT INTERFACE 3
- 6. HDMI OUTPUT INTERFACE 4



- 7. HDMI OUTPUT 4 INDICATOR
- 8. HDMI OUTPUT 3 INDICATOR
- 9. HDMI OUTPUT 2 INDICATOR
- 10. HDMI OUTPUT 1 INDICATOR
- 11. SIGNAL RESET KEY
- 12. POWER INDICATOR

1* 8 S plitter

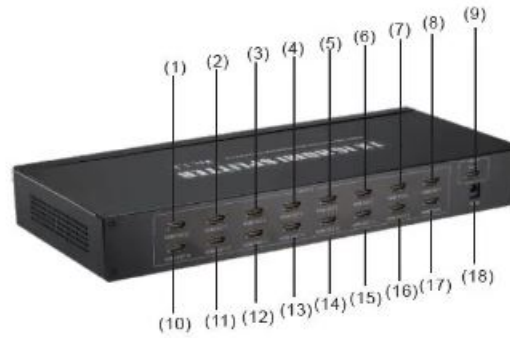


1. DC POWER INPUT INTERFACE
2. HDMI OUTPUT INTERFACE 1
3. HDMI OUTPUT INTERFACE 2
4. HDMI OUTPUT INTERFACE 3
5. HDMI OUTPUT INTERFACE 4
6. HDMI INPUT INTERFACE
7. HDMI OUTPUT INTERFACE 5
8. HDMI OUTPUT INTERFACE 6
9. HDMI OUTPUT INTERFACE 7
10. HDMI OUTPUT INTERFACE 8



11. HDMI OUTPUT 8 INDICATOR
12. HDMI OUTPUT 7 INDICATOR
13. HDMI OUTPUT 6 INDICATOR
14. HDMI OUTPUT 5 INDICATOR
15. HDMI OUTPUT 4 INDICATOR
16. HDMI OUTPUT 3 INDICATOR
17. HDMI OUTPUT 2 INDICATOR
18. HDMI OUTPUT 1 INDICATOR
19. SIGNAL RESET KEY
20. POWER INDICATOR
21. POWER SWITCH

1* 16 S plitter



1. HDMI OUTPUT INTERFACE 8
2. HDMI OUTPUT INTERFACE 7
3. HDMI OUTPUT INTERFACE 6
4. HDMI OUTPUT INTERFACE 5
5. HDMI OUTPUT INTERFACE 4
6. HDMI OUTPUT INTERFACE 3
7. HDMI OUTPUT INTERFACE 2
8. HDMI OUTPUT INTERFACE 1
9. HDMI INPUT INTERFACE
10. HDMI OUTPUT INTERFACE 16
11. HDMI OUTPUT INTERFACE 15
12. HDMI OUTPUT INTERFACE 14
13. HDMI OUTPUT INTERFACE 13
14. HDMI OUTPUT INTERFACE 12
15. HDMI OUTPUT INTERFACE 11
16. HDMI OUTPUT INTERFACE 10
17. HDMI OUTPUT INTERFACE 9
18. DC POWER INPUT INTERFACE



19. HDMI OUTPUT 1 INDICATOR
20. HDMI OUTPUT 2 INDICATOR
21. HDMI OUTPUT 3 INDICATOR
22. HDMI OUTPUT 4 INDICATOR
23. HDMI OUTPUT 5 INDICATOR
24. HDMI OUTPUT 6 INDICATOR
25. HDMI OUTPUT 7 INDICATOR

26. HDMI OUTPUT 8 INDICATOR
27. POWER SWITCH
28. SIGNAL RESET KEY
29. SIGNAL INDICATOR
30. HDMI OUTPUT 9 INDICATOR
31. HDMI OUTPUT 10 INDICATOR
32. HDMI OUTPUT 11 INDICATOR
33. HDMI OUTPUT 12 INDICATOR
34. HDMI OUTPUT 13 INDICATOR
35. HDMI OUTPUT 14 INDICATOR
36. HDMI OUTPUT 15 INDICATOR
37. HDMI OUTPUT 16 INDICATOR

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FREQUENTLY ASKED QUESTIONS

What is the Comprehensive CDA-HD400EK Pro AV/IT HDMI 1 x 4 Splitter?

The Comprehensive CDA-HD400EK is an HDMI splitter designed to distribute a single HDMI source to up to four HDMI displays simultaneously.

What is the purpose of an HDMI splitter?

An HDMI splitter takes a single HDMI signal and duplicates it to multiple HDMI displays, allowing you to show the same content on multiple screens.

How many HDMI outputs does the CDA-HD400EK splitter support?

The CDA-HD400EK HDMI splitter supports up to four HDMI outputs.

What version of HDMI does this splitter support?

The CDA-HD400EK splitter typically supports HDMI version 1.4.

Does the splitter support 4K resolution?

HDMI 1.4 supports 4K resolution at 30Hz, so the CDA-HD400EK splitter may support 4K content but at a limited frame rate.

Can I connect different types of HDMI devices to the splitter?

Yes, you can connect various HDMI devices such as Blu-ray players, gaming consoles, PCs, and more to the splitter's input.

Can I control the individual outputs with the splitter?

No, the CDA-HD400EK HDMI splitter duplicates the same content to all connected displays simultaneously. It doesn't offer individual output control.

Is the splitter powered?

Yes, the CDA-HD400EK splitter usually requires external power to function.

What type of power source does the splitter use?

The splitter typically comes with an included power adapter that connects to a standard electrical outlet.

Is the splitter suitable for commercial installations and events?

Yes, the CDA-HD400EK HDMI splitter is often used in commercial installations, events, trade shows, and situations where the same content needs to be displayed on multiple screens.

Does the splitter support 3D content?

HDMI 1.4 does support 3D content, so the CDA-HD400EK splitter might pass through 3D signals if your source and displays support it.

Is the splitter plug-and-play?

Yes, the CDA-HD400EK HDMI splitter is generally plug-and-play, requiring minimal setup. You connect the HDMI source and the displays to the appropriate ports.

Can I cascade multiple splitters together for more outputs?

It's generally not recommended to cascade HDMI splitters together as it might result in signal degradation. If you need more outputs, consider using a larger splitter.

Can the splitter handle HDCP-protected content?

The CDA-HD400EK HDMI splitter might support HDCP (High-bandwidth Digital Content Protection), allowing it to handle protected content from sources like Blu-ray players and streaming devices.

Does the splitter offer EDID management?

Some HDMI splitters include EDID (Extended Display Identification Data) management, allowing better compatibility with displays.

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