



BZB-DA-14

1×4 HDMI 18Gbps Splitter

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.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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1. Introduction

The BZB-DA-14 1x4 Splitter is an advanced solution for splitting a single HDMI signal to 4 HDMI displays. It provides high performance audio and video output through HDMI cables up to 4K2K@60Hz 4:4:4 and is capable of receiving and transmitting up to 18Gbps of bandwidth with no data loss. (Supporting the latest features you can be assured of reliable and high quality HDMI distribution.)

2. Features

- ☆ HDMI 2.0b, HDCP 2.2 compliant
- ☆ Supports video format up to 4K2K@60Hz with 8 bit RGB/YCBCR 4:4:4/YCBCR 4:2:2
- ☆ Support 3D frame sequential video format up to 1080p@60;
- ☆ Supports 3D frame sequential video format up to 4K2K@30Hz
- ☆ Supports high resolution VESA mode video format up to QSXGA@60Hz
- ☆ Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- ☆ Supports smart EDID control
- ☆ Compact design for an easy and flexible installation

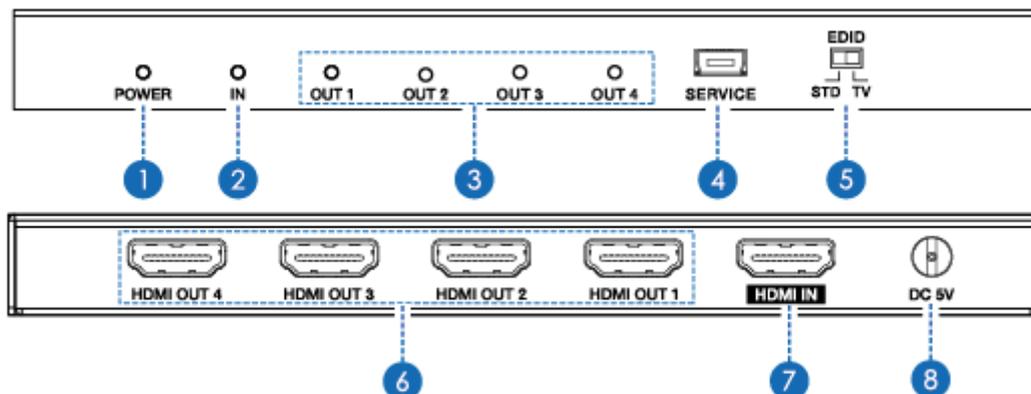
3. Package Contents

- ① 1× 1×4 HDMI 18Gbps Splitter
- ② 1× 5V/1A DC Power Adapter
- ③ 1× User Manual

4. Specifications

Technical	
Video Bandwidth	600MHz/18Gbps
Input Ports	1xHDMI Type A[19-pin female]
Output Ports	4xHDMI Type A[19-pin female]
Video Resolutions	480i ~1080p50/60, 4Kx2K@24/30, 4k2k@60Hz
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
Dimensions	63mm (W) × 163mm (D) × 16mm (H)
Weight	260g
Chassis Material	Metal
Silkscreen Color	Black
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)
Power Consumption	2W

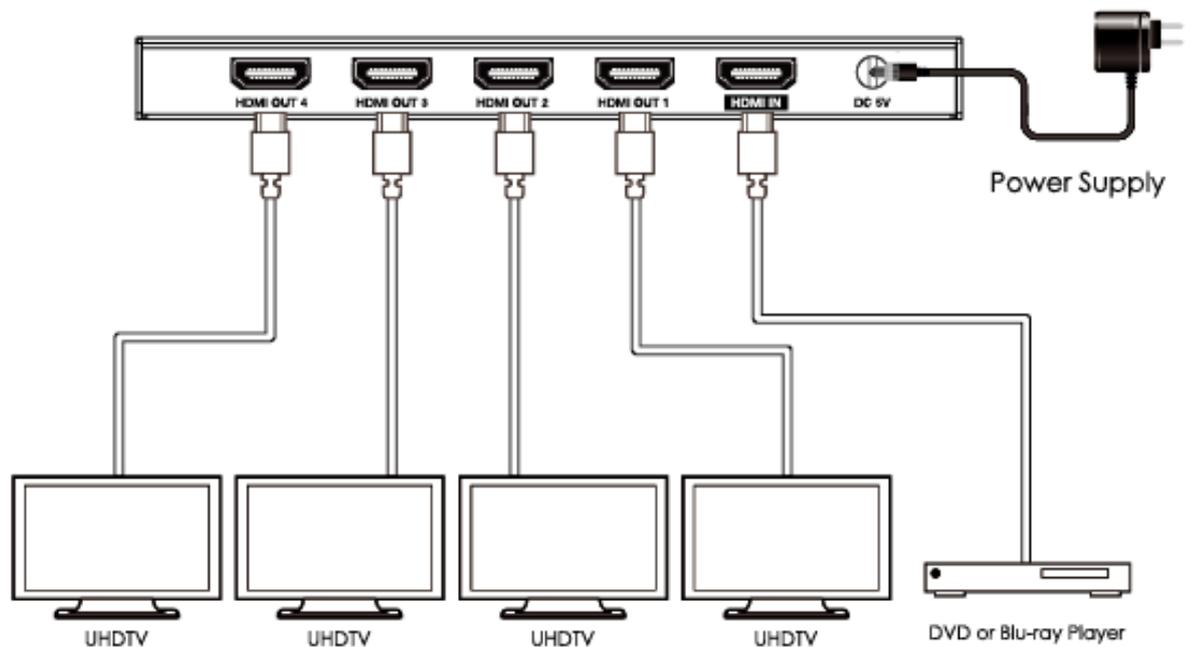
5. Operation Controls and Functions



Number	Name	Function description
1	POWER LED	This blue LED illuminate when the device is connected with power supply.
2	IN LED	This blue LED illuminate when the Source connected to the device.
3	OUT LED	These blue LEDs will light up to indicate which HDMI outputs are connected to an active TV/ display/monitor.
4	SERVICE	Firmware update use only.
5	EDID STD	When in 'STD' mode, the unit will use its own built-in EDID settings. In this mode, the video output will be set to 1080p@60Hz and the audio output at LPCM 2CH Stereo. Use this mode if there are display problems in TV Mode.
	EDID TV	When in 'TV' mode, the unit will read the EDID settings of the display device connected to HDMI OUT 1. If it detects a 4K2K capable EDID setting it will transmit the signal in that format to all outputs. If no 4K2K capable EDID is detected then the unit will output the best resolution that all displays can support.
6	HDMI OUT 1~4	Connect each of the HDMI outputs to an HDMI display for simultaneous HDMI distribution, or

		cascade the output to another transmitter to extend the operating distance.
7	HDMI IN	Connect the input port to the HDMI splitter output of your source device such as a DVD player or set-top box with an HDMI cable.
8	DC 5V	Plug the 5V DC power supply into the unit and connected the adaptor to an AC outlet.

6. Application Example



7. Mission Statement

BZB Gear manifests from the competitive nature of the audiovisual industry to innovate while keeping the customer in mind. AV solutions can cost a pretty penny, and new technology only adds to it. We believe everyone deserves to see, hear, and feel the advancements made in today's AV world without having to break the bank. BZB Gear is the solution for small to medium-sized applications requiring the latest professional products in AV.

We live in a DIY era where resources are abundant on the internet. With that in mind, our team offers system design consultation and expert tech support seven days a week for the products in our BZB Gear catalog. You'll notice comparably lower prices with BZB Gear solutions, but the quality of the products is on par with the top brands in the industry. The unparalleled support from our team is our way of showing we care for every one of our customers. Whether you're an integrator, home theater enthusiast, or a do-it-yourselfer, BZB Gear offers the solutions to allow you to focus on your project and not your budget.

8. Warranty Information

BZB Gear | Second Year Assurance

BZB Gear wants to assure you peace of mind. We're so confident in the quality of our products that along with the manufacturer's one-year limited warranty, we are offering free second-year warranty coverage upon registration*!

Taking advantage of this program is simple, just follow the steps below:

1. Register your product within 90 days of purchase by visiting BZBGear.com/warranty.

2. Complete the registration form. Provide all necessary proof of purchase details, including serial number and a copy of your sales receipt.

For questions, please call 1.888.660.2962 or email support@bzbgear.com.

For complete warranty information, please visit BZBGear.com/warranty or scan the QR code below.



*Terms and conditions apply. Registration is required.