Cablesson HDelity
## 1x2 HDMI splitter with 4K2K
(Adv EDID)

User manual
V1.0ep

Thank you for purchasing our product, we hope you will find it to your complete satisfaction. We at Cablesson take pride in every product we design and create, and will ensure you receive the very best care for your merchandise.

The Cablesson brand's greatest claim to fame is our consistent ability to deliver premium quality products on par with the best known international brands with unmatched speed and service. Cablesson is a specialist technology distributor, supplying advanced High Definition connectivity and distribution solutions exclusively to the custom installer-integrator market and the end Consumers. All our products are produced in ISO9001 and ISO14001 facilities and maintain the highest standards for production and work environment. The Cablesson products we sell are all RoHS compliant, reducing their environmental impact.

If, for any reason, you find that this product does not meet your requirements, please do get in touch with us and we will be glad to be of assistance. Our dedicated customer support officers are available via email at support@cablesson.com, or through our website: http://www.cablesson.com
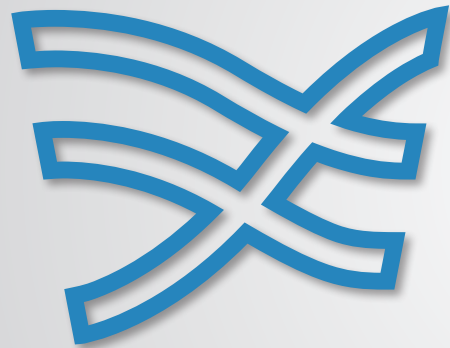
Cablesson®

"we hope you enjoy your purchase and thank you for your custom".
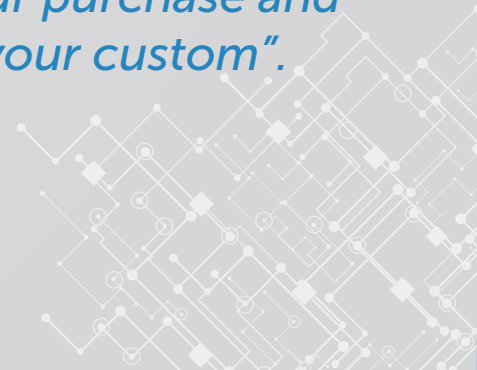
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I REVISIONS

VERSION NO.	DATE(DD/MM/YY)	SUMMARY OF CHANGES
RDV1	15/02/2017	First Revision

II PACKAGE

1.   1x2 HDelity UHD Splitter
2.   Cablesson 5V power supply
3.   Our perfection

IV FEATURES

1.   Supports HDR, UHD, HDMI Deep Colour & 3D
2.   HDMI 2.1 and HDCP 2.2 compliant
3.   Video bandwidth: 18Gbps and beyond
4.   Resolution up to 8K
5.   Supports xvYCC, x.v.Colour & Deep Colour
6.   Supports Dolby Digital, DTS-HD and Dolby True-HD audio
7.   Easy "plug & play" installation

III INTRODUCTION

1.   Compliant with HDMI 2.0 /2.1, HDCP 2.2 and DVI 1.0;
2.   Support video format up to 4k2k@60Hz with 24bit RGB/YcbCR 4:4:4/
      YCBCR 4:2:2,and up to 4k/2k@120/60Hz with 12bit YCBCR 4:4:4;
3.   Support 3D frame sequential video format up to 2160p@30;

TECHNICAL SPECIFICATIONS

Video Bandwidth	600MHz/18Gbps
Input Ports	1 × HDMI (Female type)
Output Ports	2 × HDMI (Female type)
Output Resolution	480i ~1080p @120/60, 4Kx2K@24/30/60
ESD Protection	Human Body model: ±8 kV (air-gap discharge) ±4 kV (contact discharge)
Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
Dimensions	56 mm (W) × 100 mm (D) × 16 mm (H)
Weight	165 g
Chassis Material	Metal
Operating Temperature	0 °C~40 °C/ 32 °F~104 °F
Storage Temperature	−20 °C ~ 60 °C/−4 °F ~140 °F
Relative Humidity	20~90 % RH (non-condensing)
Power Consumption (Max)	5W

SUPPORTED INPUT VIDEO FORMATS

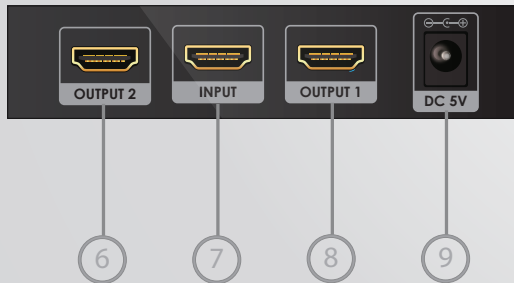| Resolution	Input	Output
640x480@60/72/75/85	√	√
720x400@85	√	√
800x600@56/60/72/75/85	√	√
1024x768@60/70/75/85	√	√
1152x864@75	√	√
1280x720@60	√	√
1280x768@60/75/85	√	√
1280x800@60	√	√
1280x800@60	√	√
1280x960@60	√	√
1280x1024@60	√	√
1360x768@60	√	√
1366x768@60	√	√
1400x1050@60	√	√
1400x900@60	√	√
1600x900@60	√	√
1600x1200@60	√	√
1680x1050@60	√	√
1920x1080@60	√	√
1920x1200@60	√	√
1920x1440@60	√	√
2560x1600@60	√	√
1440x5761@60	√	√
1440x480p@59.94/60	√	√
720x480p@59.94/60	√	√
720x576@50	√	√
1280x720p@50/59.94/60	√	√
1920x1080i@50/59.94/60	√	√
1920x1080p@23.94/24/25/29.97/30/50/59.94/60	v	v
3840x2160@24/25/30/50/60	√	√
4096x2160@24/25/30/50/60	√	√

V OPERATION CONTROLS AND FUNCTIONS

Front Panel
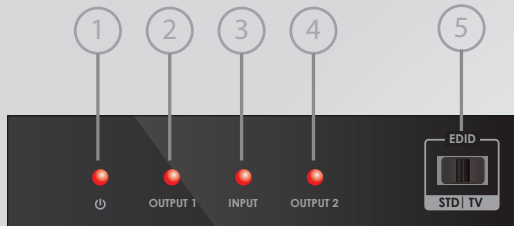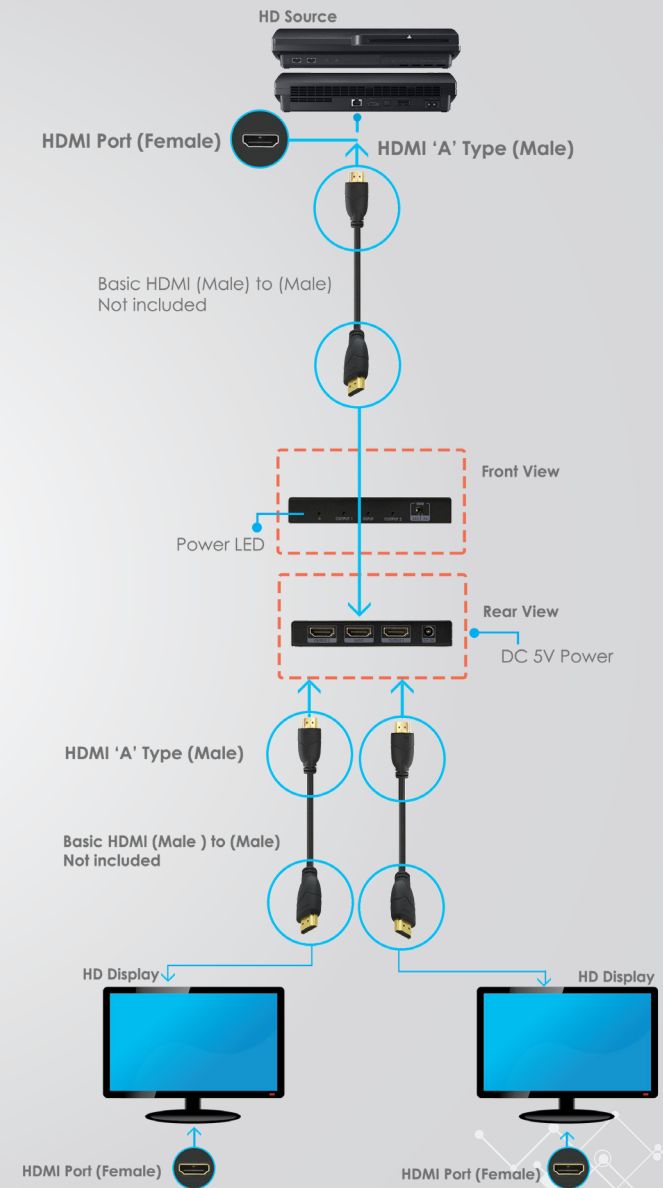

1) Power indicator

2) Output 1 connection indicator

3) Input signal indicator

4) Output 2 connection indicator

5) EDID interface

Rear Panel

6) HDMI Output port 2

7) HDMI input port

8) HDMI Output port 1

9) Power Supply

VI CONNECTION DIAGRAM

HD Source

HDMI Port (Female)   HDMI 'A' Type (Male)

Basic HDMI (Male) to (Male)
Not included

Front View

Power LED

Rear View

DC 5V Power

HDMI 'A' Type (Male)

Basic HDMI (Male) to (Male)
Not included

HD Display   HD Display

HDMI Port (Female)   HDMI Port (Female)

VII EDID MANAGEMENT

You could switch between Standard (STD) and TV mode

STD mode - The unit will search for the common resolution supported by all outputs (TVs / screens/ projectors).

TV mode - When this is switched on the unit will automatically detect and replicate the sink EDID data of output 1 to the rest.

VIII SAFETY PRECAUTIONS

Before utilizing the product, the user should determine the suitability of the product for its intended use. Cablesson expressly disclaim the implied warranties and conditions of merchantability and fitness for a particular purpose. In no case shall Cablesson be liable under any legal theory, including but not limited to contract or strict liability, for any direct, special, incidental or consequential damages resulting from product use.

IX TECHNICAL SUPPORT AND WARRANTY

For UK customers: If your product does not work properly because of a defect in materials or workmanship, Cablesson (referred to as "the warrantor") will, for the length of the period indicated as below, (One Year) which starts with the dale of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

For customers within the EU but outside the UK, the length of the warranty period would be taken as Two Years, starting from the dale of original purchase.

This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

This Limited Warranty only covers failures due to defects in materials or workmanship, and does not cover normal wear and tear or cosmetic damage. The Limited Warranty also does not cover damages or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, maladjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service Centre or other Authorised Service, or damage that is attributable to acts of God. No responsibility can be accepted for damage caused to connected devices as a result of the use of the system.

There are no express warranties except as listed under "limited warranty coverage". The warrantor is not liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service location, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.

X FAQ

http://www.cablesson.co.uk/pages/faqs