



QU-18WE

v1.3 HDMI 1 to 8

Mountable Splitter

OPERATION MANUAL





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1. Introduction

All the PUMA, HDMI over CAT5e/6 transmitters and receivers are the perfect solution to extend HDMI signals via CAT cabling up to 40m. For even longer distances, use the PU-108 repeater, these can also be cascaded. The PU-1106 also allows you to use your existing Remote Control to control your device with the included IR Receiver & Blaster.

2. Features

- v1.3 HDMI, HDCP 1.1 and DVI 1.0 compliant.
- HDMI 1 to 8 Mountable Splitter.
- Resolutions supported: PC - VGA to UXGA; HDTV - 480i to 1080p plus 1080p24fps.
- High Definition Audio supported: Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM.
- Auto signal amplification & equalisation improves signal transmission distances.
- Supports CEC bypass.
- Supports 'Deep Colour' (10 & 12 bit).
- Selectable EDID settings - TV (downstream) and STD (fixed).
- System reset function switch generate a command every 10 minutes to the connected display which resets them to the correct HDMI input.

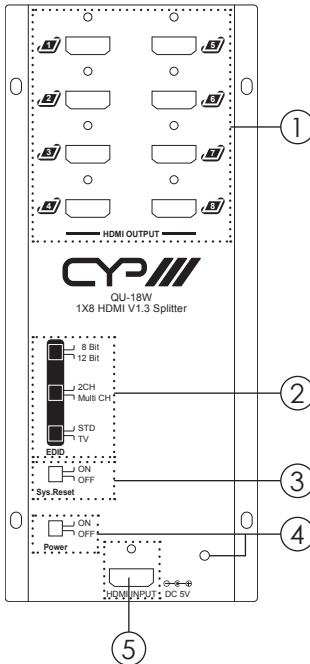
3. Package Contents

- 1 by 8 HDMI 1.3 Splitter
- Power adaptor
- Operational Manual



4. Operation Controls and Functions

4.1 Front Panel



1. HDMI OUTPUT 1~8: Connect your LCD TV or HD monitor with EHDMI cables.
2. EDID selection: STD/TV – By switching to STD user can select both deep colour and audio channels function, if switching to TV the unit will read TV's EDID and send the image from source accordingly.

Note:

1. When in STD mode the deep colour is suggest switching to 8 bit for longer distant display.



1. 2CH/Multi CH – Support 2 channels or Multi audio channels audio function This selection is only available when EDID is in STD mode.

Note:

When Multi CH is selected TV/ display must also support Multi CH function otherwise, TV/display will have no audio output unless, HDMI output connect to AVR and then to TV/display. 8/12 bit – Supports 8 or 12 bit's deep colour function. This selection is only available when EDID is in STD mode.

Note:

When both 8 bit and 12 bit displays are connected to the HDMI output, switch the unit to 8 bit using the selector switch to ensure all screens display a signal. On the other hand, if all screens are 12 bit or all 8 bit then switch the selector switch to 12 bit or 8 bit to ensure the correct output is displayed. The splitter cannot output 8 bit and 12 bit simultaneously, so the lesser bitrate must be selected to ensure the displays operate correctly.

2. Sys. Reset: System reset function. It is suggest having this function switch OFF always except when doing system reset. By switching to ON the system will reset HDMI output to HDMI 1 within 8~10 minutes, switching to OFF means CEC bypass.

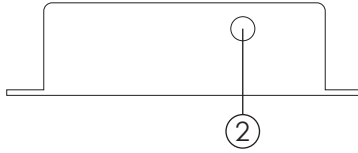
Note:

The system reset function only functioning when the display has built-in CEC functionality.

3. Power & LED: Power switch On/Off Red LED illuminate when power is on.
4. HDMI INPUT: Connect your source equipment with HDMI cables. 3

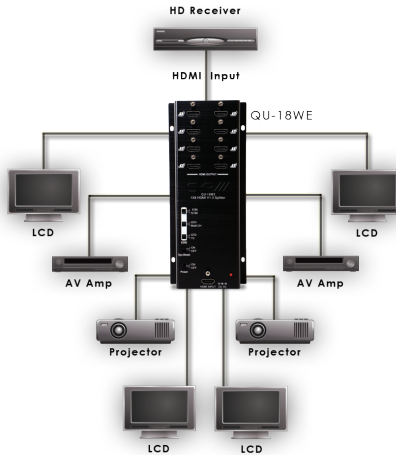


4.1 Bottom Panel



- 1. DC 5V: Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet. Red LED will illuminate when the Power is On.

6. Connection Diagram



7. Specifications

Frequency Bandwidth	2.25Gbps (single link)
Input Port	1 x HDMI Female Ports
Output Port	8 x HDMI female Ports
HDMI Output Resolution	480i~1080p, 1080p24, VGA~UXGA



Power Supply	5VDC/3.2A (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	94mm (W) x 220mm (D) x 32mm (H)
Weight (g)	460g
Chassis Material	Aluminium
Silk Skin Colour	Black
Operating Temperature	Operating from 0°C ~ 40°C



Notes:



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