Package Contents

1pc .... 1x8 HDMI Splitter
1pc .... 240V Mains Power Adapter (AU)
1pc .... User Guide

Specifications

Video Signal	HDMI v2.0
Amplifier Bandwidth	18Gbps (6.0 Gbps (600MHz) p/c)
Audio Format Support	LPCM, Dolby True-HD, DTS-HD
Ultra HD Resolutions	4K@60Hz 12-bit p/c (3840x2160)
Standard Resolutions	480i - 1080p 50/60Hz
3D Resolutions	Up to 1080p/24 Blu-ray 3D
Operating Temperature	0°C to 70°C
Operating Humidity	5 to 90% RH (no condensation)
Power Supply	5V ⎓ 2A
Power Consumption	10W max use
Dimensions	211 x 66 x 26mm
Weight	332g (without cables)

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

WWW.AVENCORE.COM.AU

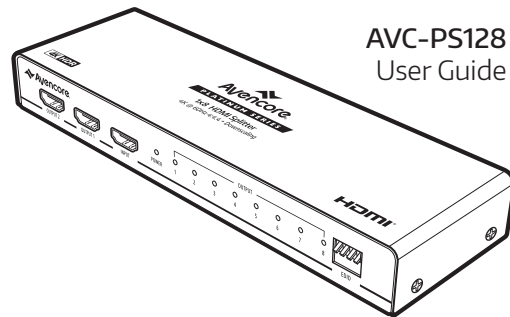This page left intentionally blank   Please retain this manual for future reference

PLATINUM SERIES

8-Way HDMI® Splitter with Signal Booster & EDID Control

AVC-PS128
User Guide

Avencore

Better cables. Smarter gadgets.

8-Way HDMI® Splitter
with Signal Booster & EDID Control

△Safety Information

- **Safety** - Risk of electric shock. No user-repairable parts inside. Do not open or modify.
- **Environment** - Do not operate the device in direct sunlight, dusty environments, or in wet, raining or damp conditions. Designed for indoor use only.
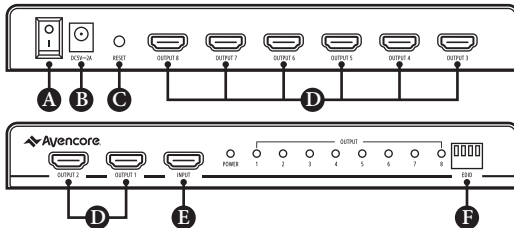
Basic Operation

Connecting Devices

1. Connect a Source device to the INPUT socket using a quality 18Gbps HDMI cable up to 5m* **E**
2. Connect one to eight Display devices to the OUTPUT sockets using 18Gbps HDMI cables* **D** Connect the included power supply **B**
3. Turn the Splitter ON **A**
4. **Note:** Insert and remove cables with care.
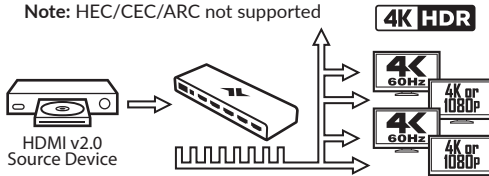   * Cables over 5m may not support 4K@60Hz

EDID Control

- The EDID DIP Switch **F** allows user control of the maximum resolution and/or audio format requested from the source
- Choose from a list of standard pre-defined options, or select one output type to act as the primary format for all outputs
- Selecting an incompatible mode may result in no picture/sound being sent to one or more displays

Features

- HDMI v2.0a with HDCP 2.2 support
- Supports Ultra HD 4K @ 60Hz up to 4:4:4
- Supports Full HD 1080p @ 60Hz & Blu-ray 3D
- Supports High Dynamic Range (HDR)
- 12-bit/c Deep Colour Support (36-bit total)
- 6.0 Gbit/s per channel, up to 18.0Gbit/s total
- HDMI Signal boosting for maximum performance
- Simultaneous 4K & 1080p Display Support (**MODE16**)
- Supports LPCM, Dolby True-HD and DTS-HD Audio
- Always-On Splitting with Auto Downscaling
- LED Status indicators

Note: HEC/CEC/ARC not supported

4K HDR

HDMI v2.0 Source Device

Mode	DIP 1 2 3 4	EDID Information Resolution / Colour Depth / Audio Format
1	↑↑↑↑	4Kx2K/60Hz, 24bit, 2D, 2.0CH
2	↓↑↑↑	1080p/60Hz, 24bit, **3D**, 2.0CH
3	↑↓↑↑	1080p/30Hz, 1080i/60Hz 720p/60Hz, 24bit, 2D, 2.0CH
4	↓↓↑↑	1080p/30Hz, 1080i/60Hz 720p/60Hz, 24bit, 2D, 7.1CH
5	↑↑↓↑	1080p/60Hz, 36bit, 2D, 2.0CH
6	↓↑↓↑	1080p/60Hz, 36bit, 2D, 7.1CH
7	↑↓↓↑	1080p/60Hz, 24bit, 2D, 2.0CH
8	↓↓↓↑	1080p/60Hz, 24bit, 2D, 7.1CH
9	↑↑↑↓	Copy Output 1
10	↓↑↑↓	Copy Output 2
11	↑↓↑↓	Copy Output 3
12	↓↓↑↓	Copy Output 4
13	↑↑↓↓	Copy Output 5
14	↓↑↓↓	Copy Output 6
15	↑↓↓↓	Copy Output 7
16	↓↓↓↓	Compose Downscale

Note: Compose Downscale uses the lowest audio format with downscaling support for mixed 4K/1080p displays. Needs 2+ displays and Chroma 4:4:4 or 4:2:0. Visit www.avencore.com.au for more info.