DIGITECH
Audio Visual

HDMI Repeater 4K
AC-1728
User Manual

NOTICE

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 service life of your equipment.

INTRODUCTION

This product is a HDMI Repeater with one input and one output port, it can scale up/down/pass-through. Furthermore, both input and output HDMI support video resolution of up to 4K2K@60Hz and HDMI high resolution digital audio formats bypass, LPCM 2CH, Dolby® TrueHD, Dolby® Digital Plus, Dolby® Atmosand DTS-HD Master Audio, audio sampling rate up to 192 kHz. HDCP 2.2 and CEC bypass supported.

FEATURES

- HDMI 6G 20M Re-timer & Repeater with scaling amplifies and equalizes the HDMI signal to provide high quality audio and video
- HDMI extension transmission over long cable and supports multiple layers cascading
- 20 metres HDMI high-speed cable extender (input max 10 metres, output max 10 metres at 4K2K@60Hz)
- 30 metres HDMI high-speed cable extender (input max 18 metres, output max 12 metres at 4K2K@30Hz)
- 40 metres HDMI high-speed cable extender (input max 25 metres, output max 15 metres at 1080p)
- Supports scaling up/down between 4K and 1080p (no frame rate conversion)
- HDCP 2.2 or HDCP 1.4 indicator
- Dolby® TrueHD, DTS-HD Master Audio™, and LPCM digital audio streams up to 7.1 channels
- HDCP/3D/CEC/Lip-Sync pass-through

PACKAGE CONTENTS

1 x HDMI Repeater 4K
1 x Power Supply
1 x User Manual

SPECIFICATIONS

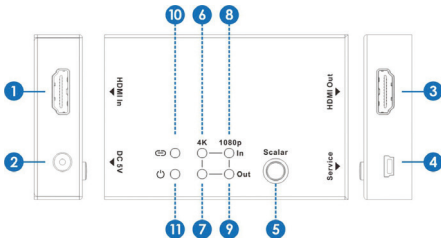|	
HDMI Compliance:	HDMI 2.0b
HDCP Compliance:	HDCP 2.2 and HDCP 1.4
Video Bandwidth:	18 Gbps
Video Resolutions:	up to 2K@50/60Hz (YUV4:4:4), 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space:	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth:	10-bit, 12-bit
HDMI Audio Formats:	(Pass-through) LPCM 2/5.1/7.1CH, Dolby® Digital, DTS 5.1, Dolby® Digital+, Dolby® TrueHD,

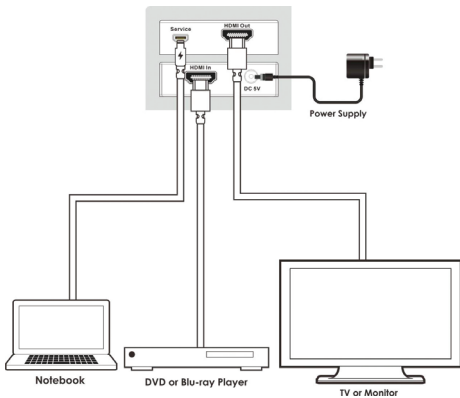| | DTS-HD Master Audio |
USB:	1 x Mini-USB (firmware upgrade only)
Power:	5VDC @ 1A
Dimensions:	81(W) x 55(D) x 16(H)mm
Weight:	400g

OPERATION CONTROLS & FUNCTIONS

1. HDMI In: HDMI signal input port
2. DC-5V: 5V-1A power in
3. HDMI Out: HDMI signal output port
4. Service: Firmware update port
5. Scaler :scaling up/down between 4K and 1080p/ pass through
6. 4K In: 4K HDMI signal input blue LED indicator
7. 4K Out: 4K HDMI signal output blue LED indicator
8. 1080p in: 1080p HDMI signal input blue LED indicator
9. 1080p Out: 1080p HDMI signal output blue LED indicator
10. Detect the signal input blue LED indicator
11. Power input red LED indicator

CONNECTION DIAGRAM

Service   HDMI Out

HDMI In

DC 5V

Power Supply

Notebook   DVD or Blu-ray Player   TV or Monitor