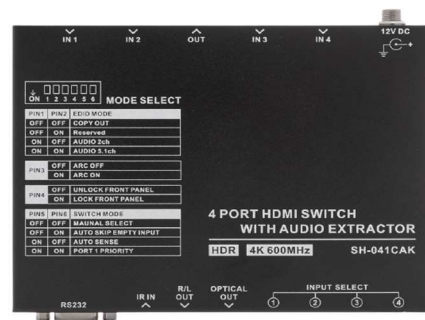
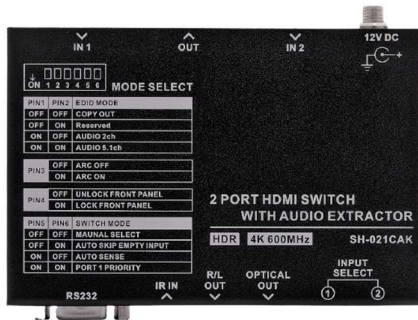


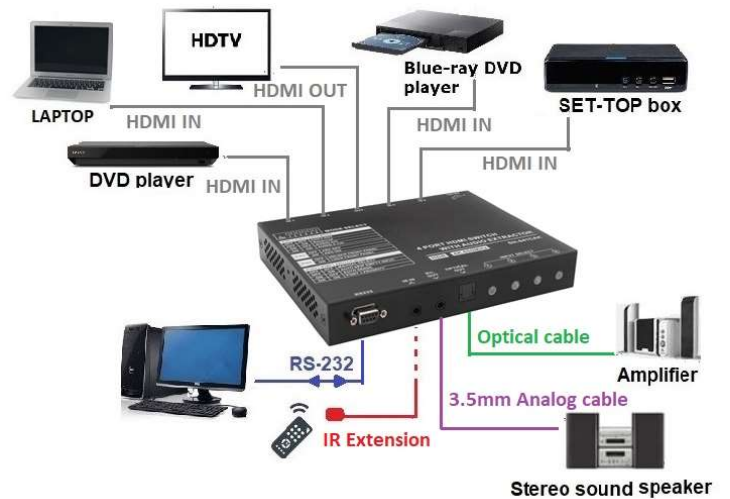
UHD 4K/60 HDMI SWITCH WITH AUDIO EXTRACTOR 2X1 (SH-021CAK) / 4X1 (SH-041CAK)



FEATURES

- High quality HDMI switcher, switches between two/four HDMI 2.0 sources and display on one HDMI display, also **with audio extractor**
- Support high resolution up to **4Kx2K@60Hz (4:4:4)**, with additional support for HDR
- HDMI 2.0/1.4 & HDCP 2.2/1.4 compliant
- Up to 600MHz pixel clock, 18Gbps link transmission
- Supports 12-bit per channel deep color (36 bit all channels)
- Audio Extractor can draw out audio from either **ARC** (Audio Return Channel) or HDMI output port. The pure audio signal will output by two different type
 1. 3.5mm (Analog) support LPCM2.0
 2. Toslink (Digital) support LPCM2.0 & 5.1, Dolby 5.1 and DTS 5.1, up to 192K sampling rate.
- Support EDID management
- Easily switch between devices via manual switching or IR-Remote switching
- With 4 different smart and fast switch Modes: Manual select/Auto skip empty input/ Auto sense/ Port 1 priority, selectable on DIP SWITCH
- Support LPCM 7.1, Dolby TrueHD, Dolby Digital and DTS-HD master audio
- 3D TV pass-through
- Bi-directional RS-232 serial port for remote control
- Plug and play, easy installation
- Convenient firmware upgrade

APPLICATION DIAGRAM



SPECIFICATION

Model	SH-021CAK	SH-041CAK
Video OUT	HDMI OUT x 1	
Video IN	HDMI IN x 2	HDMI IN x 4
Compliance	HDCP1.4/2.2 ; HDMI1.4/2.0a ; CEC	
RS-232 control	DB-9 female x 1	
IR Input	3.5mm stereo jack x 1	
Max Resolution	4Kx2K@60(4:4:4/8bit)(4:2:0/12bit)	
Display LED	2	4
Manual control	Tact type push buttons x 2	Tact type push buttons x 4
Audio Output	Digital optical OUT x 1 Analog 3.5mm stereo jack OUT x 1	
Audio Support	LPCM, Dolby TrueHD, Dolby Digital/Plus EX, DTS, DTS-HD master	
Cable Distance	Max. 10m (HDMI)	
Power Supply	12V/1A DC	
Enclosure	Metal	
Weight	305g	465g
Dimensions (LxHxM)	125x85x25mm	150x115x25mm