

CR-B41A

UHD HDMI switcher



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Product overview

CR-B41A is a high performance HDMI 4x1 switcher that supports HDTV formats up to 4Kx2K@60Hz and all HDMI 3D TV formats. It can extract HDMI stream audio to separate digital and analog audio output. This product supports HDCP repeater/CEC/ARC functions. Select any of the inputs by front panel button or IR Remote, the corresponding indicator LED on the front panel will be illuminated.

CR-B41A matrix can be widely used in radio and television projects, multimedia conference halls, large-screen display projects, television teaching, command and control centers and other occasions.

Features

- Support 4 HDMI 2.0 signal inputs, 1 HDMI 2.0 signal output;
- Compliant with HDMI 2.0a, DVI 1.0 standards.
- HDCP 2.2 and HDCP 1.4 compliant.
- Video formats up to 4Kx2K@60 and all HDMI 3D video formats.
- Support PCM, Dolby TrueHD, DTS-HD Master Audio up to 7.1CH.
- Digital and analog audio output.
- Support smart EDID management(Auto/2CH/5.1CH/7.1CH selectable).
- Support input port auto switching or manual switching mode.
- Support Audio Return Channel (ARC).

Specifications

The parameter name	CR-B41A
HDMI version	HDMI2.0a, DVI 1.0
HDCP version	HDCP 2.2, HDCP 1.4
Video bandwidth	18Gbps
Video resolution	Up to 4Kx2K@60Hz
Highest pixel clock	600MHz
Interface	4 HDMI input ports, 1 HDMI output port, 1 IR receiving port and 1 RS232 port
HDMI Audio Output	PCM2.1/5.1/7.1CH,Dolby5.1,DTS5.1, Dolby-TrueHD,DTS-HD
ESD Protection	Human Body Model: ±8kV(air-gap discharge) ±4kV(contact discharge)
Dimensions(mm)	180(D)x85(W)x11.6(H)
Weight(g)	300
Housing	Black metal
Power Consumption	Max 2.5W
Operating Temperature	0°C~40°C/32°F~104°F
Storage Temperature	-20°C~60°C/-4°F~140°F
Working humidity	0~95% RH
Power supply	DC 5V

System connection diagram

