4K60 4x1 Multiviewer Seamless UHD Video Switcher

User Manual

VER 1.1

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Table of Contents

1. Introduction

This 4K60 4x1 Multiviewer Seamless UHD Video Switcher was developed for the purpose of supporting higher output resolution (4K@60) for multiple sources on a single screen. It can combine up to four video signals onto a single UHD or HD displayer. The user can manage each input, and create combinations of the four inputs on a single display, as well as adjust the position of any input.

This product supports 8 display modes, within the mode range, users can freely switch 4-channel HD input signals. It can realize single screen display and multiview display on a single screen.

This device supports full range of input video resolutions up to 4K@60 (RB) and audio RCA /Optical de-embedding supported for external audio distribution systems.

This device can be controlled via front panel buttons, IR remote, OSD menu navigation, Controller software, RS-232 commands.

2. Features

☆ HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
☆ Support 18Gbps video bandwidth
☆ Input and output resolutions support up to 4K@60Hz
☆ Support LPCM, AC3, DD+, DTS, DTS-HD, up to 7.1 audio channel
☆ Seamless switching between input channels and combined multiple images on single UHD monitor
☆ Up to 8 display modes: SINGLE, PIP, PBP (1), PBP (2), Triple (1), Triple (2), Quad (1), Quad (2)
☆ Seamless switching in single screen display mode
☆ Fast switching in multiview display mode
☆ Audio de-embedding via analog and optical fiber audio ports
☆ Support volume control and independent audio selection
☆ Support OSD navigation for advanced setting
☆ EDID management
☆ Control via front panel buttons, IR remote, OSD menu navigation, Controller software, RS-232 commands
☆ Compact design for easy and flexible installation

3. Package Contents

① 1 x 4K60 4x1 Multiviewer Seamless UHD Video Switcher
② 1 x IR Remote
③ 1 x 3pin-3.81mm Phoenix Connector (male)
④ 1 x 38KHz IR Wideband Receiver Cable (1.5 meters)
⑤ 2 x Mounting Ears
⑥ 4 x Machine Screws (KM3*4)
⑦ 4 x Rubber Feet
⑧ 1 x 12V/2.5A Locking Power Adapter
⑨ 1 x User Manual

4. Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4K@60Hz
IR Level	5Vp-p
IR Frequency	38KHz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8bit
Audio Formats	**HDMI:** PCM2.0/5.1/7.1CH, Dolby Digital/Plus, DTS, DTS High Res **Analog audio [3.5mm L/R]:** PCM2.0 **SPDIF (OPTICAL):** Dolby Digital, DTS 5.1, PCM2.0 **Note:** It does not support HBR audio.
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)