



BLACKBIRD™



Blackbird™ by Monoprice™

Pro-series 4K60 Multiviewer: Seamless UHD Video Switcher for Professional AV Installations | HDMI 2.0b, HDCP 2.2 and 1.x | Audio Extraction

Effortlessly Display Multiple UHD Video Feeds on One Screen with the Blackbird Pro-Series 4K60 Multiviewer

Professional-Grade Performance and Versatility Experience the power of the Blackbird™ by Monoprice™ Pro-series 4K60 Multiviewer, designed for professional AV installations. This advanced video switcher seamlessly combines up to four video signals onto a single UHD or HD display, offering stunning visual quality and immersive audio.

Seamless Multiviewing Experience

With its seamless switching capability, this video switcher allows you to effortlessly switch between input channels and create custom combinations of multiple images on a single UHD monitor. Whether you're a professional AV installer, AV production specialist, or IT professional, the Blackbird Pro-series delivers the performance you need.

Enhanced Control and Connectivity

Gain full control over your audio and video experience. The Blackbird Pro-series supports various input and output resolutions up to 4K@60Hz, ensuring crisp and vibrant visuals. It complies with HDMI 2.0b and HDCP 2.2 standards, guaranteeing compatibility with the latest devices and content.

Multiple Display Modes and Audio Flexibility

Choose from a range of display modes, including Single, PIP, PBP, Triple, and Quad, to customize your viewing experience. The device supports up to 7.1 audio channels, including LPCM, AC3, DD+, DTS, and DTS-HD, providing immersive sound quality. The audio de-embedding feature allows for easy integration with external audio distribution systems.

Easy Control and Installation

Control the Blackbird Pro-series 4K60 Multiviewer effortlessly through various methods, including front panel buttons, IR remote, OSD menu navigation, and RS-232. Its compact design and included mounting ears make installation a breeze, ensuring seamless integration into your AV setup.

Broad Applications and Value Proposition

The Blackbird Pro-series is ideal for a wide range of applications, including corporate presentations, digital signage, control rooms, education and training facilities, hospitality and tourism, museums and exhibitions, and medical imaging. With its leading-edge technology, renowned quality, and competitive pricing, it offers professional-grade performance at prices that make sense.

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant.
- Supports 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.
- Supports volume control and independent audio selection.
- Supports 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.

Full Specifications

P/N	44554
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@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	8 Bit
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)

Connection

Input Ports	4x HDMI IN (Type A, 19-Pin Female)
Output Ports	1x HDMI OUT (Type A, 19-Pin Female), 1x L/R OUTPUT (RCA), 1x OPTICAL OUTPUT (S/PDIF)
Control Ports	1x RS-232 (3 Pin-3.81mm Phoenix Connector) 1x IR EXT (3.5mm Stereo Mini-Jack)

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	220 x 100 x 30mm (WxDxH)
Weight	620g
Power Supply	Input: AC 100 - 240V 50/60Hz Output: DC 12V/2.5A (US/EU Standard, CE/FCC/ULCertified)
Power Consumption	10W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (No-Condensing)
Packaging Method	Brown Box