

Technical	
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps
Video Resolution	Up to 8K@60Hz YCbCr 4:2:0 12-bit, 4K@120Hz RGB/YCbCr 4:4:4 12-bit
Color Space	RGB, YCbCr 4:4:4 / 4:2:2 / 4:2:0
Color Depth	8/10/12-bit
Audio Formats	HDMI input/output: LPCM, Dolby Digital/Plus/EX, Dolby TrueHD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
	Audio de-embedding output: Optical: LPCM/Dolby/DTS 5.1CH Analog: LPCM 2CH
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Input	2 x HDMI IN [Type A, 19-pin female] 1 x HDMI OUT [Type A, 19-pin female]
Output	1 x OPTICAL [S/PDIF] 1 x L/R [3.5 mm Stereo Mini-jack]
Control	1 x SERVICE [USB Type C, Update port]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	145 mm [W] × 68 mm [D] × 18 mm [H]
Weight	258 g

Power Supply	Input: AC 100-240V 50/60Hz; Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	3W (Max)
Operation Temperature	0°C~40°C / 32°F~104°F
Storage Temperature	-20°C~60°C / -4°F~140°F
Relative Humidity	20~90% RH (non-condensing)

Recommended HDMI Cable

Video Resolution	8K	4K60	4K24	1080P
HDMI Cable Length (HDMI IN / OUT)	2 m / 6.6 ft (Ultra HDMI 2.1)	8 m / 26 ft	12 m / 39 ft	15 m / 49 ft

The use of "Premium High-Speed HDMI" cable is highly recommended.

PANTONE COOL GRAY 4 CPANTONE 2421 C

REVISION INFORMATION

Rev.	Rev. Date	Brief Description
V1		Initial Issue
V2	2024/8/21	chipset changed

4	Remote Controller	IR Remote	1	pcs
5	Main Unit	BK HDMI 2x1 Switcher	1	pcs
6	User Manual	Size: 140x105mm	1	pcs
7	Power adapter	DC 5V/1A	1	pcs
NO.	PART NAME	SPECIFICATION DESCRIPTION	QTY	UNIT



DESCRIPTION :

Blackbird 8K60 2x1 Switch With Audio Extraction, HDMI 2.1, HDCP 2.3

PID #: 44435

DATE :	UNIT :	FILE NAME:
2024/8/21	MM	44435_PRODUCT