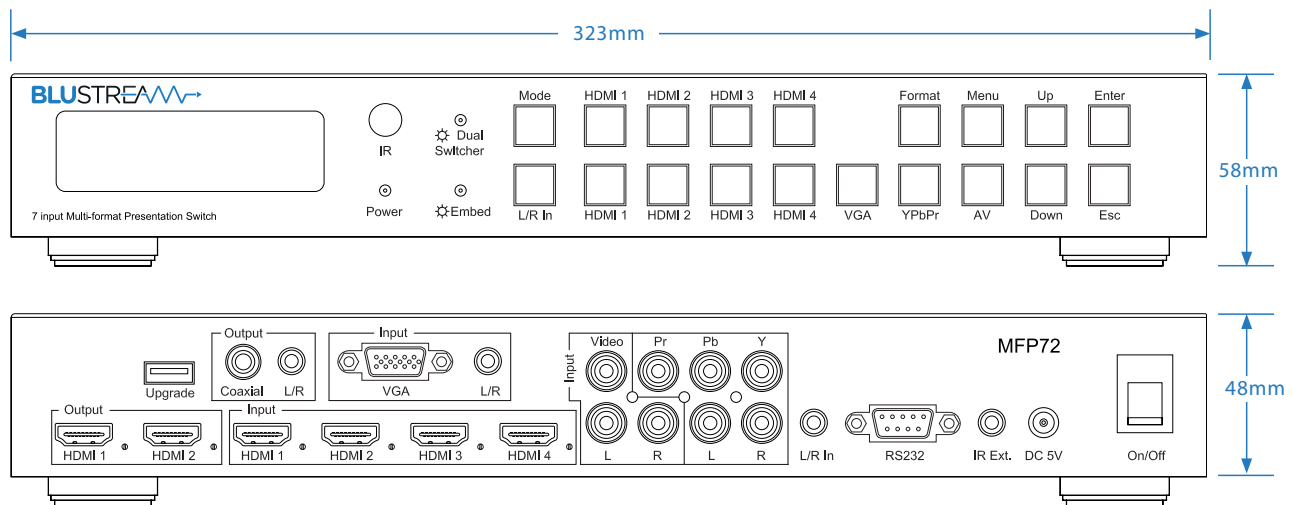# MFP72

BLUSTREAM

7 Input 2 Output Multi-Format Presentation Switch

Description

Our MFP72 is a multi-format presentation switcher with in-built video scaling, audio embedding / de-embedding and advanced EDID management. The MFP72 works in 2 modes, first as a 7 input dual output switcher (7:1x2), alternatively each output can work independently with Output 1 routing the 4 x HDMI inputs only (4:1 up to 4K) and Output 2 switching all 7 video/audio inputs (7:1 up to 1080p). With control of the switcher using the front panel push buttons, IR remote control or RS-232 interface it is an ideal solution for commercial installations.

Key Features

- Switcher can function in 2 modes:

    - Splitter mode - both HDMI outputs display the same image from any video input

    - Switcher mode - HDMI output 1 and 2 are independently controlled

- HDMI output 1 can view only HDMI inputs 1-4 (up to resolutions of 4K)

- HDMI output 2 can view all HDMI and analogue video inputs with associated audio (up to 1080p resolution)

- Built-in video scaling, both up-scaling and down-scaling capabilities

- Video inputs support industry standard video resolutions including VGA-WUXGA and 480i-4K (including 800x600 @60 & 75Hz)

- Scaled video output resolutions: 720p, 1080p, 1280x1024, 1024x768, 1360x768, 1440x900, 1680x1050

- Audio embedding - independent analogue L/R audio input can be embedded to HDMI outputs and Analogue L/R audio and Coaxial digital outputs concurrently (feature available for HDMI output 1 & 2 in 'Split mode', 'Switch mode' = HDMI output 2 only).

- HDMI audio breakout to Analogue L/R audio and Coaxial digital outputs concurrently (linked to output 2 in 'Switch mode')

- Volume control - controls volume output of HDMI, Analogue L/R audio and Coaxial digital outputs

- Supports 3D signal display

- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master audio transmission

- Supplied with Blustream IR receiver and IR link cable

- Control via front panel, IR and RS-232

- 3rd Party drivers available for major control brands

- HDCP 1.4 compliant

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Connectivity

- **Audio Input Connectors:** 2 x Analogue audio 3.5mm stereo jack, 4 x Analogue audio RCA (2 x L/R)
- **Audio Output Connectors:** 1 x Analogue audio 3.5mm stereo jack, 1 x S/PDIF Coaxial digital
- **Video Input Connectors:** 4 x HDMI Type A, 1 x VGA, 1 x Composite, 1 x YPbPr
- **Video Output Connectors:** 2 x HDMI Type A
- **RS-232 serial port:** DB-9 connector
- **IR Input ports:** 1 x 3.5mm stereo jack

Specifications

- **Shipping Weight:** 1.5kg
- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature :** -4°F to 140°F (-20°C to 60°C)
- **Dimensions (W x H x D):** 323mm x 48mm x 130mm

Included Accessories

IR Accessories	1 x IRR, 1 x IRCAB
IR Remote	1 x REM72
Rack Mount	2 x 19" Rack wings
Power Supply	5V/2A DC screw connector

Control

RS-232
IR
Front Panel

RS-232 Connectivity

Baud Rate:	57600
Data Bit:	8-Bit
Parity:	None
Stop Bit:	1-Bit
Flow Control:	None

Regulatory Compliance

FC   CE   RoHS Compliant   CAN ICES-3 (B)/NMB-3(B)

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HDMI   HDBT   DOLBY