# WMF72

# BLUSTREAM

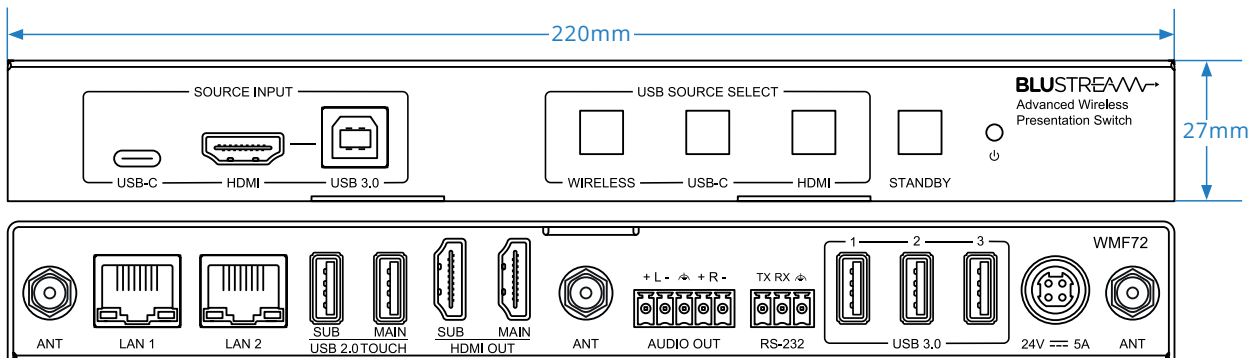## Advanced Wireless Multi-Format Presentation Switch

### Description

The WMF72 is an advanced 4K multi-format presentation switch featuring wired HDMI and USB-C, AirPlay, Miracast® and Chromecast® inputs to dual HDMI outputs.

The WMF72 provides enhanced features including dual HDMI output for mirrored or managed source control with multiview presentation, video scaling and web-GUI for control and configuration, localised 2.4/5G WiFi hotspot, and dual LAN connection.

The WMF72 also features OSD control, USB camera and MIC over WiFi, USB touch-back to connected host device, whiteboard and screen overlay annotation, manual or automated source selection, and control via front panel, RS-232 and TCP/IP.

The WMF72 is also compatible with Blustream WMF-USBC-D and WMF-HDMI-D plug & play wireless dongles, providing an ideal BYOD solution for your boardroom, classroom or huddle-space application.

**4K** | **WIRELESS PRESENTATION** | **VIDEO SCALING** | **MULTIVIEW**

**WEB GUI** GRAPHICAL USER INTERFACE | **AirPlay** | **Miracast** | **Chromecast**

**Dongle**



### Key Features

- 4K multi-format multi-view presentation switch
- Features HDMI, USB-C, AirPlay, Miracast®, Chromecast® and Blustream wireless dongle support which can be switched to dual HDMI outputs
- Dual HDMI output supports mirror or desktop extension for managed soure control within advanced video conferencing set-ups
- Multiview presentation with up to 5 concurrent video signals and configurable screen layout
- In-built video scaler with output timing up to 4K 60Hz 4:4:4
- USB-C connection for BYOM, with DP, USB, 1Gbps network and up to 65W power charging
- HDMI & USB Type B connection for BYOM, with USB and 1Gbps network via USB Type B connection
- Localised 2.4G/5G WiFi hotspot to host AirPlay, Miracast® and Chromecast® local point-to-point mode (up to 1080p 30Hz)

- Dual LAN connection for integration to existing network infratructures
- Supports USB camera and MIC over WiFi up (1080p 30Hz)
- Supports USB touch-back feature via WMF-USBC-D and WMF-HDMI-D dongles and Miracast®*
- Audio breakout to balanced / unbalanced analogue L/R audio
- Web interface module for control and configuration of switch
- OSD control with preview function
- Whiteboard and screen overlay annotation feature
- Control via front panel, RS-232 and TCP/IP with manual or auto source selection

*Miracast touch-back compatibility subject to Windows features*

BLUSTREAM | SDVoE ALLIANCE | HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE | HDBT | Dante | Dolby | dts

# WMF72



## Specifications

- **Casing Dimensions (W x H x D):** 220mm x 27mm x 161mm (excluding antennas)
- **Shipping Weight:** 2kg
- **Operating Temperature:** 0°C to 45°C (32°F to +113°F)
- **Storage Temperature:** -20°C to 70°C (-4°F to +158°F)
- **Power Supply:** 24V/5A DC

## Package Contents

| |
|---|
| 1 x WMF72 |
| 1 x 5-pin Phoenix Connector (Audio) |
| 1 x 3-pin Phoenix Connector (RS-232) |
| 3 x Antenna |
| 1 x Mounting Kit |
| 1 x Quick Reference Guide |
| 1 x 24V / 5A DC Power Supply |

## Connectivity

- **Video input:** 1 x HDMI Type A, female, 1 x USB Type C, female
- **Video Output Connectors:** 2 x HDMI Type A, 19-pin, female
- **Audio Output Connectors:** 5-Pin Phoenix connector (2ch balanced/un-balanced analogue audio)
- **RS-232 serial port:** 1 x 3-Pin Phoenix connector
- **TCP/IP Control:** 2 x RJ45, female (1000Mbps x2)
- **USB Connectors:** 3 x USB3.0 Type A female, 1 x USB3.0 Type B female
- **USB Touchback Connectors:** 2 x USB2.0 Type A female
- **USB Pairing Connectors:** 1 x USB2.0 Type A female, 1 x USB-C2.0 Type C
- **WiFi** - 3 x SMA, female connector, MIMO antennas (2.4G & 5G, WiFi IEEE 802.11 b/g/n/ac up to 1200Mbps)
- **WiFi Encryption** - AES WPA PSK, WPA2 PSK

## Regulatory Compliance

CE  UKCA  FC  RoHS Compliant

**CAN ICES-003(B) / NMB-003(B)**
**FCC ID: 2AY2P-WMF72    IC: 27021-WMF72**

BLUSTREAM    SDVoE ALLIANCE    HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE    HDBT    Dante    Dolby    dts