

MP-SC-41BYOD

18G 4x1 Presentation Switcher with Soft Codec & Wireless BYOD

FRONT PANEL / PRODUCT VIEW



REAR PANEL / PRODUCT VIEW



Product Overview

The MP-SC-41BYOD is an 18G 4x1 presentation switcher designed for modern meeting and presentation environments. It combines two HDMI inputs, one USB-C input and wireless AirPlay/Miracast BYOD with HDMI output, USB device extension, balanced audio de-embedding and display control.

Key Features

- HDMI 2.0b with 4Kx2K@60Hz 4:4:4, HDR10, Dolby Vision and HDCP 2.2.
- Wireless BYOD through AirPlay and Miracast.
- USB-C supports up to 60W charging, USB 3.0/2.0 data and 4K video transmission.
- HDMI audio de-embedding through balanced analog audio output.
- Two USB Type-B host ports and two USB Type-A device ports for webcam, microphone and keyboard use.
- Automatic source switching, smart EDID management and CEC/RS232 display control.

Source: Specifications and product imagery are based on the supplied MP-SC-41BYOD user manual, Version MP-SC-41BYOD_2020V1.0.

Technical Specifications

Category	Specification
Video Input	(1) AirPlay/Miracast, (2) HDMI, (1) USB-C
Input Connectors	(1) External antenna connector, (2) Type-A female HDMI, (1) Type-C USB 3.0
AirPlay/Miracast Input Resolution	Up to 4K@30Hz 4:4:4
HDMI Input Resolution	Up to 4K×2K@60Hz 4:4:4, HDR10, Dolby Vision
USB-C Input Resolution	Up to 4K@30Hz 4:4:4
Video Output	(1) HDMI, Type-A female HDMI connector
HDMI Output Resolution	Up to 4K×2K@60Hz 4:4:4, HDR10, Dolby Vision
HDMI / HDCP	HDMI 2.0b / HDCP up to 2.2
Balanced Audio Output	(1) AUDIO OUT via 5-pin terminal block
Audio Performance	20Hz–20kHz ±3dB; max 2.0Vrms ±0.5dB; THD+N <0.05%; SNR >80dB; crosstalk <–80dB; noise –80dB
Embedded Audio	Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-X, DTS-HD Master Audio, DTS 5.1; 2–8Ch PCM 32–192kHz, 16–24 bits
Control Ports	4-pin DIP, Micro-USB FW, 2× HOST (PC1 & PC2), 2× DEVICES, RS232
USB Connectivity	2× Type-B USB 3.0 host + 2× Type-A USB 3.0 device ports
Wireless	IEEE 802.11ac; 2.4GHz & 5GHz; typical coverage ≤5m, up to 10m with reduced interference
Supported Platforms	iOS 7+, macOS, Android 4.0+, Windows 8.1+
Wireless Output Resolution	Up to 4K/30Hz
Operating Temperature	–5°C to +55°C
Storage Temperature	–25°C to +70°C
Relative Humidity	10%–90%
Power Supply	Input AC 100–240V, 50/60Hz; output 24V DC 5A
Power Consumption	85W max
USB-C Charging	60W max
Dimensions (W×H×D)	238 × 24.5 × 135 mm
Net Weight	825g

Applications & Package

Typical Applications

- Conference rooms and meeting spaces
- BYOD presentation environments
- Soft-codec video conferencing
- Classrooms and training rooms
- Corporate collaboration spaces

Package Contents

- 1× MP-SC-41BYOD 18G 4x1 Presentation Switcher
- 2× Mounting ears with 4 mounting screws
- 4× Plastic cushions
- 1× 5-pin terminal block
- 1× RS232 cable (3-pin terminal block to DB9)
- 1× External antenna
- 1× Power adapter (24V DC 5A)
- 1× User manual

Panel & Connectivity Summary

Panel	Key Connections / Controls
Front	Power LED, AirPlay/Miracast and source LEDs, SELECT/AUTO, DISPLAY ON/OFF, 4-pin EDID DIP, Micro-USB FW
Rear	Antenna, PC1/PC2 HDMI, PC3 USB-C with charging, HDMI OUT, AUDIO OUT, RS232, 2× HOST, 2× DEVICE, DC 24V

Image correction: Front and rear product views above are cropped directly from the supplied MP-SC-41BYOD user manual cover, preserving the actual product appearance.