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5MNG0Y8 202CH-HDMI

5MNG0Y8 202CH-HDMI USB-C HDMI Dual Monitor KVM Switch User Manual

Model: 202CH-HDMI | Brand: 5MNG0Y8

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your 5MNG0Y8 202CH-HDMI USB-C HDMI Dual Monitor KVM Switch. This device allows two computers or laptops to share a single set of peripherals, including two monitors, a keyboard, mouse, and other USB 3.0 devices, with support for up to 4K/1080P@60Hz resolution and 100W Power Delivery.

PRODUCT FEATURES

- Supports two computers/laptops sharing two HDMI monitors and four USB devices.
- Video resolution support up to 4K@60Hz or 1080P@60Hz.
- USB-C input for laptop connectivity with 100W Power Delivery (PD).
- Dedicated USB-B input for PC2 connectivity.
- Multiple switching methods: front panel button and wired remote control.
- Integrated USB 3.0 hub for high-speed peripheral connections.
- Durable metal casing for enhanced longevity.

PRODUCT DIAGRAM

Familiarize yourself with the ports and controls of the KVM switch.



Image Description: A gray KVM switch unit is shown from two angles, displaying its front and rear panels. The top view shows the front panel with an ON/OFF switch, a USB-C peripheral port, three USB 3.0 ports, LED indicators for PC1 and PC2, a 'SELECT' button, and a 'Wired Remote' port. The bottom view shows the rear panel with two HDMI 'OUT' ports (A and B), two HDMI 'INPUT' ports (A and B), a 'PC 2 IN' USB-B port, a 'LAPTOP' section with 'PD' (Power Delivery) and 'USB-C IN' ports, and a 'DC/12V' power input. All ports are clearly labeled.

Front Panel Overview

- **ON/OFF Switch:** Power control for the KVM switch.
- **USB-C Peripheral Port:** Connect USB-C peripherals.
- **USB 3.0 Ports (x3):** Connect USB peripherals such as keyboard, mouse, USB drives, etc.
- **PC1/PC2 Indicators:** LEDs illuminate to show which computer is currently selected.
- **SELECT Button:** Manually switch between connected computers.
- **Wired Remote Port:** Connect the included wired remote for switching.

Rear Panel Overview

- **HD OUT A/B:** Connect to your two HDMI monitors.
- **INPUT A/B:** Connect HDMI cables from PC2 to these ports.
- **PC 2 IN (USB-B):** Connects to PC2 for USB data transmission.
- **LAPTOP (PD, USB-C IN):** Connects to a USB-C enabled laptop for video, data, and power delivery (PC1).
- **DC/12V:** Power input port for the KVM switch.

SETUP INSTRUCTIONS

1. **Power Off All Devices:** Ensure the KVM switch, computers, and monitors are powered off before beginning connections.
2. **Connect Monitors:** Connect your two HDMI monitors to the **HD OUT A** and **HD OUT B** ports on the rear panel of the KVM switch.
3. **Connect Computer 1 (Laptop):** Connect a USB-C to USB-C cable from your laptop's USB-C port to the **LAPTOP (PD, USB-C IN)** port on the rear panel of the KVM switch. This single cable handles video, data, and power delivery.
4. **Connect Computer 2 (PC2):**
 - Connect an HDMI cable from PC2's first video output to **INPUT A** on the KVM switch.
 - Connect a second HDMI cable from PC2's second video output to **INPUT B** on the KVM switch.
 - Connect a USB-A to USB-B cable from PC2's USB port to the **PC 2 IN (USB-B)** port on the rear panel of the KVM switch.
5. **Connect USB Peripherals:** Connect your keyboard, mouse, and other USB 3.0 devices to the **USB 3.0 Ports** on the front panel. If you have a USB-C peripheral, connect it to the front **USB-C Peripheral Port**.
6. **Connect Wired Remote (Optional):** If desired, connect the wired remote to the **Wired Remote Port** on the front panel.
7. **Connect Power:** Connect the provided 12V DC power adapter to the **DC/12V** port on the rear panel, then plug it into a power outlet.
8. **Power On:** Flip the **ON/OFF Switch** on the front panel to the 'ON' position. Then power on your monitors and computers.

OPERATING INSTRUCTIONS

Once all connections are made and devices are powered on, you can switch between the connected computers using the following methods:

- **Front Panel Button:** Press the **SELECT** button on the front panel of the KVM switch to cycle between PC1 and PC2. The corresponding PC1 or PC2 LED indicator will illuminate to show the active computer.
- **Wired Remote Control:** If connected, press the button on the wired remote control to switch between PC1 and PC2.

Ensure that both connected computers are properly configured for dual monitor output to utilize the full display capabilities of the KVM switch.

TROUBLESHOOTING

- **No Display on Monitors:**
 - Verify all HDMI cables are securely connected between the KVM, computers, and monitors.
 - Ensure the KVM switch is powered on and the correct computer is selected (check PC1/PC2 LEDs).
 - Check monitor input settings to ensure they are set to the correct HDMI input.
 - Try restarting the KVM switch and then the computers.
- **Keyboard/Mouse Not Responding:**
 - Ensure the USB data cables (USB-C for Laptop, USB-B for PC2) are securely connected from the computers to the KVM switch.
 - Try connecting the keyboard/mouse to different USB 3.0 ports on the KVM.

- Ensure the KVM switch is powered on and the correct computer is selected.
 - Some specialized keyboards/mice with extra features may require direct connection to the computer or may not be fully supported.
- **No Power Delivery (PD) to Laptop:**
 - Confirm the laptop is connected to the **LAPTOP (PD, USB-C IN)** port on the rear panel.
 - Ensure the KVM switch's 12V DC power adapter is connected and functioning.
 - Verify your laptop supports USB-C Power Delivery.
- **Resolution Issues (e.g., not 4K@60Hz):**
 - Ensure your monitors and graphics cards support the desired resolution and refresh rate.
 - Use high-quality HDMI cables that support 4K@60Hz.
 - Check display settings on your computer to ensure the correct resolution and refresh rate are selected.

SPECIFICATIONS

Feature	Detail
Model	202CH-HDMI
Brand	5MNG0Y8
Video Inputs	2 x HDMI (for PC2), 1 x USB-C (for Laptop)
Video Outputs	2 x HDMI
USB Data Inputs	1 x USB-B (for PC2), 1 x USB-C (for Laptop)
USB Peripheral Ports	3 x USB 3.0, 1 x USB-C
Max Resolution	4K@60Hz / 1080P@60Hz
Power Delivery (PD)	Up to 100W (via Laptop USB-C port)
Power Supply	DC 12V (Adapter included)
Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.76 ounces
Certifications	CE, FCC, RoHS

MAINTENANCE

- Keep the KVM switch in a cool, dry place, away from direct sunlight and heat sources.
- Avoid exposing the device to moisture or extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure proper ventilation around the unit to prevent overheating.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your purchase receipt for warranty claims.

