MLEEDA 202CH

MLEEDA USB-C HDMI Dual Monitor KVM Switch User Manual

Model: 202CH

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your MLEEDA USB-C HDMI Dual Monitor KVM Switch. This device allows you to control two computers (one laptop via USB-C and one desktop via HDMI/USB-B) using a single set of keyboard, mouse, and two monitors. It supports 4K@60Hz resolution, USB 3.0 data transfer, and 80W Power Delivery (PD) charging for your laptop.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1x MLEEDA USB-C HDMI Dual Monitor KVM Switch (Model 202CH)
- 1x USB-C Cable (0.8M)
- 1x USB A-B Cable (1.5M)
- 1x Wired Remote (1.5M)
- 1x 12V/2A Power Adapter
- 1x User Manual

Package List

1. 1x 4K Dual Monitor KVM Switch
2. 1x User Manual
3. 1x USB C Cable (1.52m/4.98ft)
4. 1x USB A-B Cable (1.52m/4.98ft)
5. 1x Wired Control (1.52m/4.98ft)
6. 1x Power Adapter (1.5m/4.92ft)

3.3cm/1.3in
9cm/3.5in
11.6cm/4.5in

KCEVE
USB-C+HD Dual Monitor KVM Switch
4K ULTRA HD

2 PORTS MST TYPE-C+HD
DUAL MONITOR KVM SWITCH

USER MANUAL

Model:KVM202CH

Image: Contents of the MLEEDA KVM Switch package, including the switch unit, various cables, power adapter, and user manual.

3. PRODUCT OVERVIEW

The MLEEDA KVM Switch is designed to streamline your workspace by allowing two computers to share two monitors and multiple USB peripherals. It features dedicated input ports for a laptop (USB-C with MST support) and a desktop (HDMI + HDMI + USB-B).

Image: Top and rear views of the KVM switch, illustrating the various input and output ports, including USB 3.0, HDMI, USB-C, and power input.

Key Features:

- **Dual Monitor Support:** Connects two monitors to two computers.
- **High Resolution:** Supports up to 4K@60Hz (3840x2160@60Hz 4:4:4) and is backward compatible with 2K@120Hz, 2560x1440@120Hz/60Hz, and 1920x1080@144Hz/120Hz.
- **USB 3.0 Ports:** Four USB 3.0 ports for peripherals (keyboard, mouse, printer, U-disk) with data transfer rates up to 5Gbps.
- **80W PD Charging:** USB-C port provides up to 80W Power Delivery for laptop charging.
- **Multiple Switching Modes:** Switch between computers using the button on the panel or the included wired remote.
- **Display Modes:** Supports extended and mirror display modes.
- **Wide Compatibility:** Driver-free for Windows, Mac OS, Linux, and Chrome OS.

4. SETUP GUIDE

Follow these steps to connect your MLEEDA KVM Switch:

1. **Power Connection:** Connect the included 12V/2A power adapter to the DC/12V port on the KVM switch.
2. **Monitor Connections:**
   - Connect your two monitors to the KVM switch's HDMI OUT A and HDMI OUT B ports using HDMI

cables.

3. **Computer 1 (Laptop - USB-C):**

   - Connect the provided USB-C cable from your laptop's full-featured USB-C port (supporting video output and data transfer) to the KVM switch's USB-C IN (LAPTOP) port. This single cable handles video, USB data, and PD charging.
   - **Important:** Ensure your laptop's USB-C port supports video output (DisplayPort Alt Mode) and data transfer.

4. **Computer 2 (Desktop - HDMI & USB-B):**

   - Connect two HDMI cables from your desktop's graphics card to the KVM switch's HDMI INPUT A and HDMI INPUT B ports.
   - Connect the provided USB A-B cable from your desktop's USB port to the KVM switch's USB-B (PC 2 IN) port. This handles USB data for peripherals.

5. **Peripheral Connections:**

   - Connect your keyboard, mouse, printer, or other USB devices to the USB 3.0 ports on the front panel of the KVM switch.

6. **Wired Remote (Optional):** Connect the wired remote to the dedicated port on the front panel for convenient switching.

Product connection diagram

HD

HD

OUT B

INPUT B

PC 2 IN

LAPTOP

OUT A

INPUT A

USB-B

PD

USB-C IN

DC/12V

Monitor A

Monitor B

PC1

PD Power

Laptop

Power Adapter

4K

USB-C+HD Dual Monitor KVM Switch

ON

PC1

PC2

SELECT

OFF

USB 3.0

Wired Remote

Printer

Mouse

Keyboard

U disk

Image: A comprehensive diagram illustrating how to connect two computers (laptop and desktop) and two monitors to the KVM switch, along with USB peripherals and power.
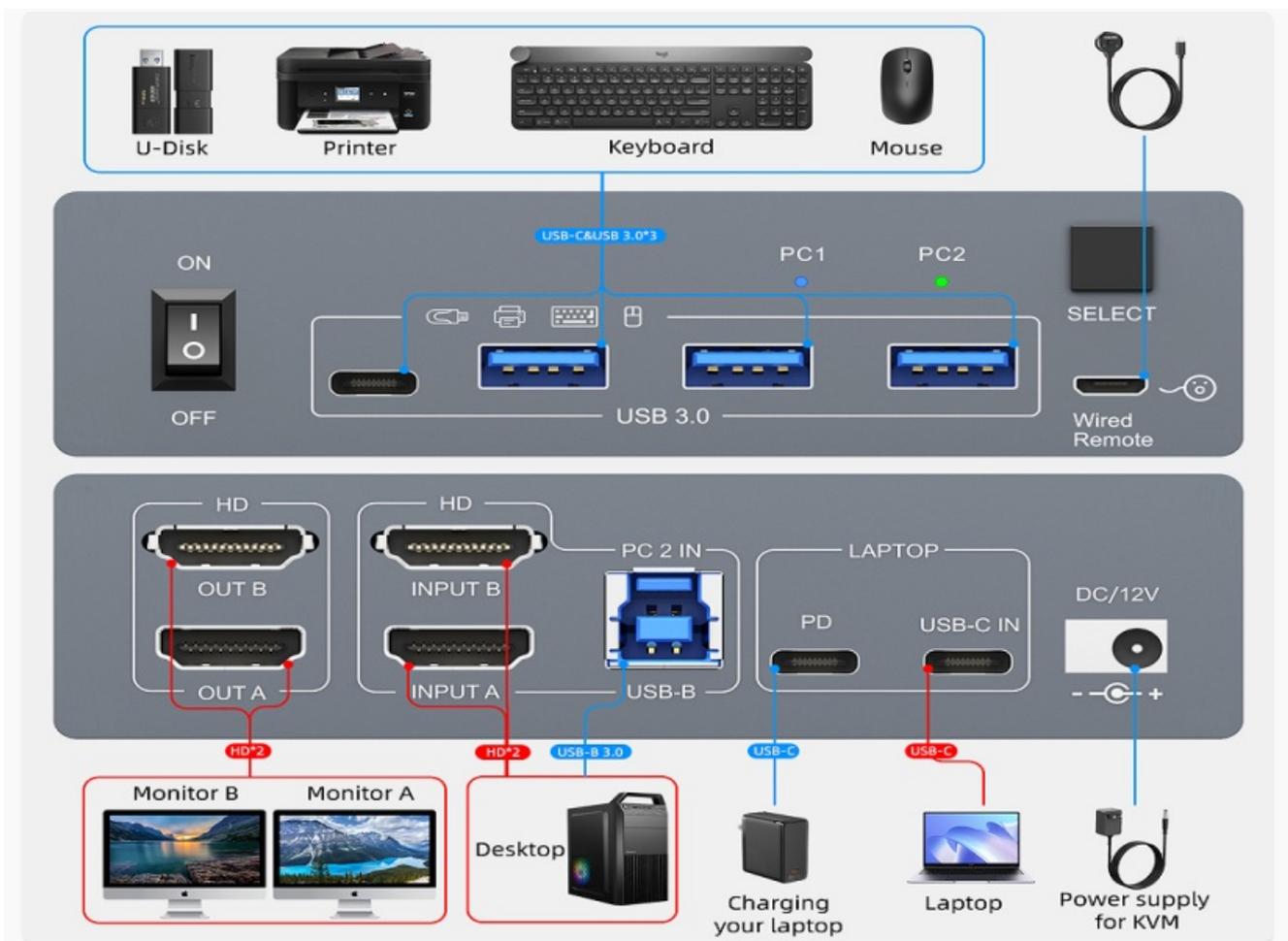
Image: Icons indicating compatibility with Windows, Mac OS, Linux, Chrome OS, and Vista, highlighting plug-and-play functionality without driver installation.

Please confirm if your laptop's Type C port supports video output and data transfer (alt mode)

Thunderbolt 3
Full Function

Only Data Transfer &
Video Output
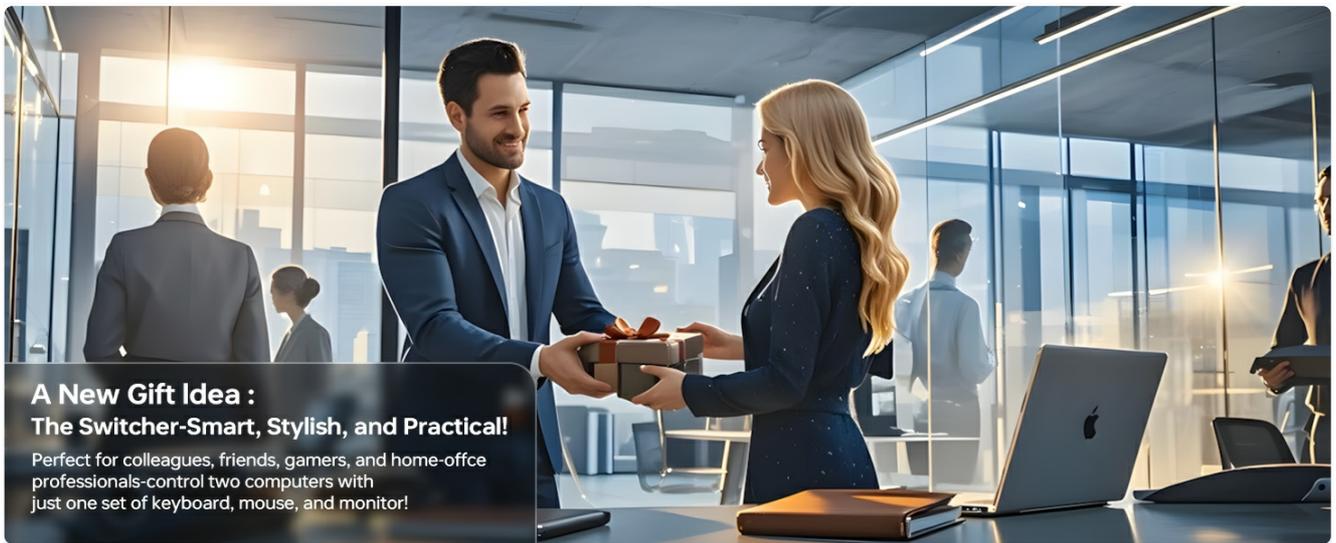
Full-Featured
USB-C Port

Only Data Transfer

Only Charging

Only Data Transfer &
Charging

Image: Visual representation of mirroring and extended display modes for both Mac OS and Windows operating systems when connected to the KVM switch.

A New Gift Idea :
The Switcher-Smart, Stylish, and Practical!
Perfect for colleagues, friends, gamers, and home-offce
professionals-control two computers with
just one set of keyboard, mouse, and monitor!

Image: An overview of compatible systems (Windows, Mac OS, Chrome OS, Linux), HDMI output devices (monitor, TV), USB-C and HDMI input devices (laptop, PC), and USB peripherals (hard drive, keyboard, mouse, U-disk).

5. OPERATING INSTRUCTIONS

Switching Between Computers:

The KVM switch offers two methods for switching between connected computers:

- **Front Panel Button:** Press the 'SELECT' button on the front panel of the KVM switch to toggle between PC1 (Laptop) and PC2 (Desktop). The LED indicators (PC1, PC2) will illuminate to show the active computer.
- **Wired Remote:** Use the included wired remote control to switch between computers. Press the button on the remote to cycle through the connected systems.

Two Ways of Switching

Machine button

PC1 ⇌ PC2

Wired controller

Image: Demonstrates switching between computers using the button on the KVM unit and the wired remote control.

Display Modes:

The KVM switch supports both extended and mirror display modes, depending on your operating system and configuration.

- **Extended Mode:** Allows two different screens to be displayed across your two monitors.
- **Mirror Mode:** Displays the same content on both monitors.

Note for Mac M1/M2 users:
Mac M1 and M2 processors do not support Multi-Stream Transport (MST). Therefore, when using a Mac M1/M2 laptop, the two external monitors will display the same content (mirror mode) or an extended desktop where both external monitors mirror each other, but extend from the laptop's display.

6. SPECIFICATIONS

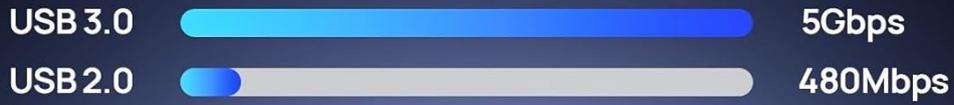| Feature	Detail
Model Number	202CH
Product Dimensions	4.61 x 3.54 x 1.3 inches (11.7 x 9 x 3.3 cm)
Weight	9.35 ounces (265 grams)
Video Resolution	Up to 4K@60Hz (3840x2160@60Hz 4:4:4), backward compatible with 2K@120Hz, 2560x1440@120Hz/60Hz, 1920x1080@144Hz/120Hz
USB Data Transfer	USB 3.0 (up to 5Gbps), compatible with USB 2.0/1.1
PD Charging	Up to 80W via USB-C port
Power Input	DC 12V/2A (via included adapter)
Operating System Compatibility	Windows, Mac OS, Linux, Chrome OS
Switching Methods	Front panel button, Wired remote

4K@60Hz Resolution

Resolution up to 3840*2160@60Hz 4:4:4 compatible downgrade resolution.

Image: Visual representation of the 4K@60Hz resolution support, highlighting clear and vivid display quality.

Image: Graphic comparing USB 3.0 (5Gbps) and USB 2.0 (480Mbps) transfer speeds, emphasizing the faster data transfer capability of USB 3.0.
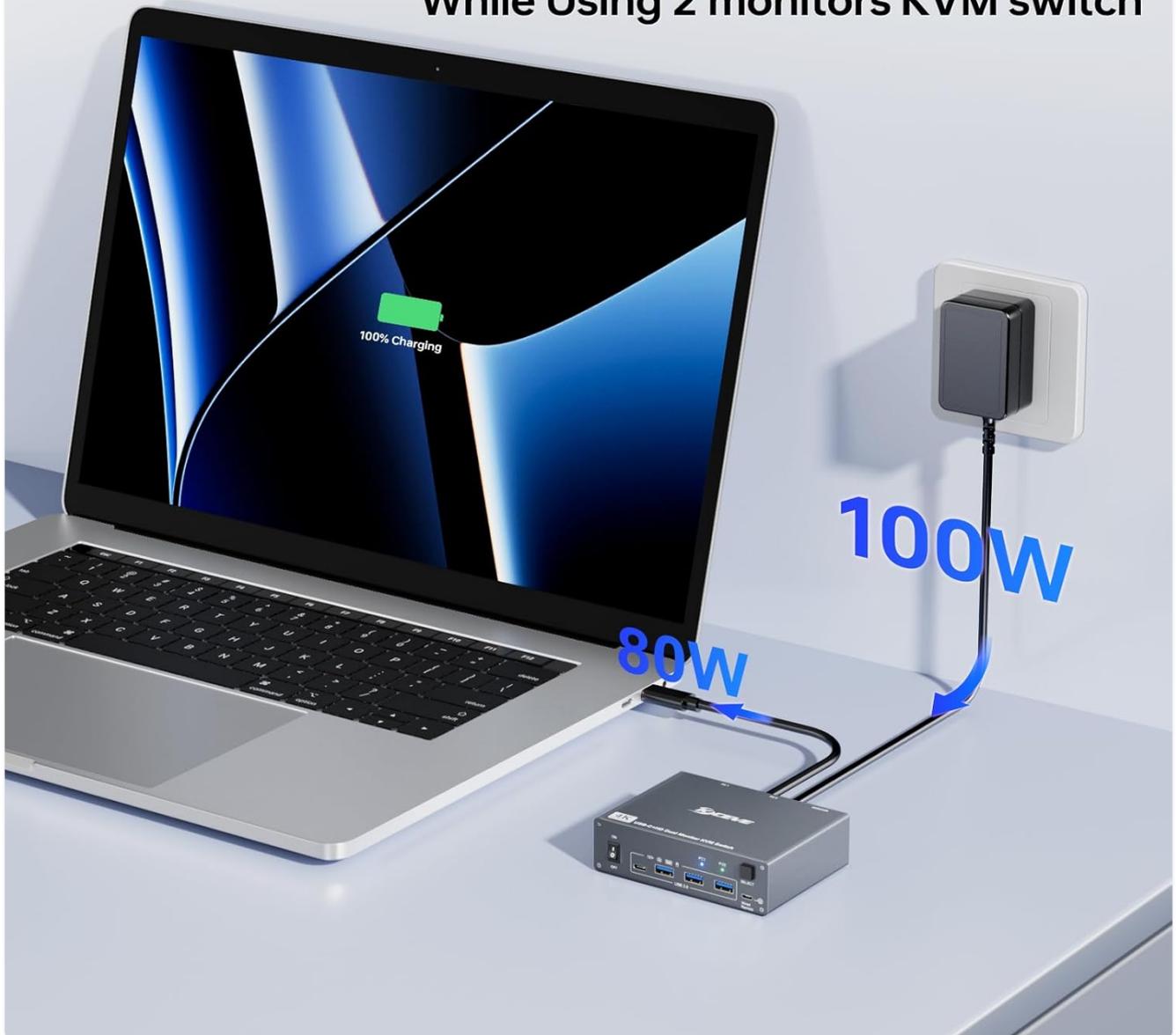
Image: Depicts a laptop being charged via the KVM switch's USB-C port, illustrating the 80W Power Delivery feature.

7. TROUBLESHOOTING

If you encounter issues, please refer to the following common solutions:

- **No Display on Monitors:**

  - Ensure all HDMI cables are securely connected to both the KVM switch and your monitors/computers.
  - Verify the KVM switch is powered on and the correct computer is selected (check PC1/PC2 LEDs).
  - For laptops connected via USB-C, confirm that the laptop's USB-C port supports video output (DisplayPort Alt Mode).
  - Try connecting monitors directly to the computer to rule out monitor or cable issues.

- **Keyboard/Mouse Not Responding:**

  - Ensure the USB A-B cable (for desktop) or USB-C cable (for laptop) is properly connected between the computer and the KVM switch.

- Try connecting the keyboard/mouse to different USB 3.0 ports on the KVM switch.
- If using a wireless keyboard/mouse, ensure the receiver is plugged into a USB 3.0 port on the KVM switch.
- Restart the KVM switch and the connected computers.

- **Intermittent Connectivity/Display Issues:**

  - Ensure all cables are of good quality and securely connected. Loose connections can cause intermittent problems.
  - Verify the 12V/2A power adapter is correctly connected and providing stable power to the KVM switch.
  - Reduce cable lengths if possible, especially for USB 3.0 connections, as longer cables can sometimes lead to signal degradation.

- **Laptop Not Charging:**

  - Confirm your laptop's USB-C port supports Power Delivery (PD).
  - Ensure the USB-C cable used is capable of carrying power (the included cable supports this).
  - Verify the 12V/2A power adapter is connected to the KVM switch.

8. MAINTENANCE

To ensure the longevity and optimal performance of your KVM switch, follow these maintenance guidelines:

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

9. WARRANTY AND SUPPORT

MLEEDA provides a **1-year free replacement warranty** for this 4K HDMI Type C KVM Switch. Additionally, lifetime technical support is available.
For technical assistance, troubleshooting, or warranty claims, please contact MLEEDA customer support through the retailer where you purchased the product or refer to the contact information provided in your product packaging.