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> Yinker 4K HDMI Multiviewer 4x1 User Manual

## Yinker YK-SW041C

# Yinker 4K HDMI Multiviewer 4x1 User Manual

Model: YK-SW041C

## INTRODUCTION

The Yinker 4K HDMI Multiviewer 4x1 is a high-performance device designed to connect up to four HDMI input sources and display them on a single HDMI output screen, such as a monitor, projector, or TV. This multiviewer supports various display modes including Single, Quad, Picture-in-Picture (PBP), and Dual modes, offering flexibility for different viewing requirements. It is ideal for applications in security monitoring, gaming setups, conference rooms, and other professional or home entertainment environments.

## SAFETY INFORMATION

- Ensure the device is placed on a stable, flat surface to prevent accidental falls.
- Do not expose the device to water, moisture, or extreme temperatures.
- Use only the provided power adapter. Using an incorrect adapter may damage the device and void the warranty.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from strong magnetic fields.
- Unplug the power adapter during lightning storms or when unused for long periods.

## PACKAGE CONTENTS



Image: Contents of the Yinker 4K HDMI Multiviewer 4x1 package. This image displays the main multiviewer unit, an IR remote control, a power adapter, and a user manual, all neatly arranged on a white surface.

Please check the package contents upon opening. If any items are missing or damaged, contact Yinker customer support.

- 1x Yinker 4K HDMI Multiviewer 4x1 Unit
- 1x Power Adapter (DC 12V)
- 1x IR Remote Control
- 1x User Manual

## PRODUCT OVERVIEW



Image: A comprehensive view of the Yinker 4K HDMI Multiviewer 4x1 unit, showcasing its front panel with control buttons and IR receiver, and its rear panel with HDMI input/output ports and power input. The accompanying remote control is also visible.

### Front Panel:

- **IR:** Infrared receiver for remote control.
- **CH1-CH4 Buttons:** Select individual HDMI input channels.
- **MODE Button:** Cycle through different display modes (Single, Quad, PBP, Dual).

### Rear Panel:

- **DC 12V:** Power input port.
- **HDMI 1-4:** HDMI input ports for connecting source devices.
- **HDMI OUT:** HDMI output port for connecting to a display.

## SETUP

Follow these steps to set up your Yinker 4K HDMI Multiviewer:

1. **Connect HDMI Input Sources:** Connect up to four HDMI source devices (e.g., gaming consoles, PCs, set-top boxes, security cameras) to the HDMI 1, HDMI 2, HDMI 3, and HDMI 4 input ports on the multiviewer using high-quality HDMI cables.

# Connection Diagram

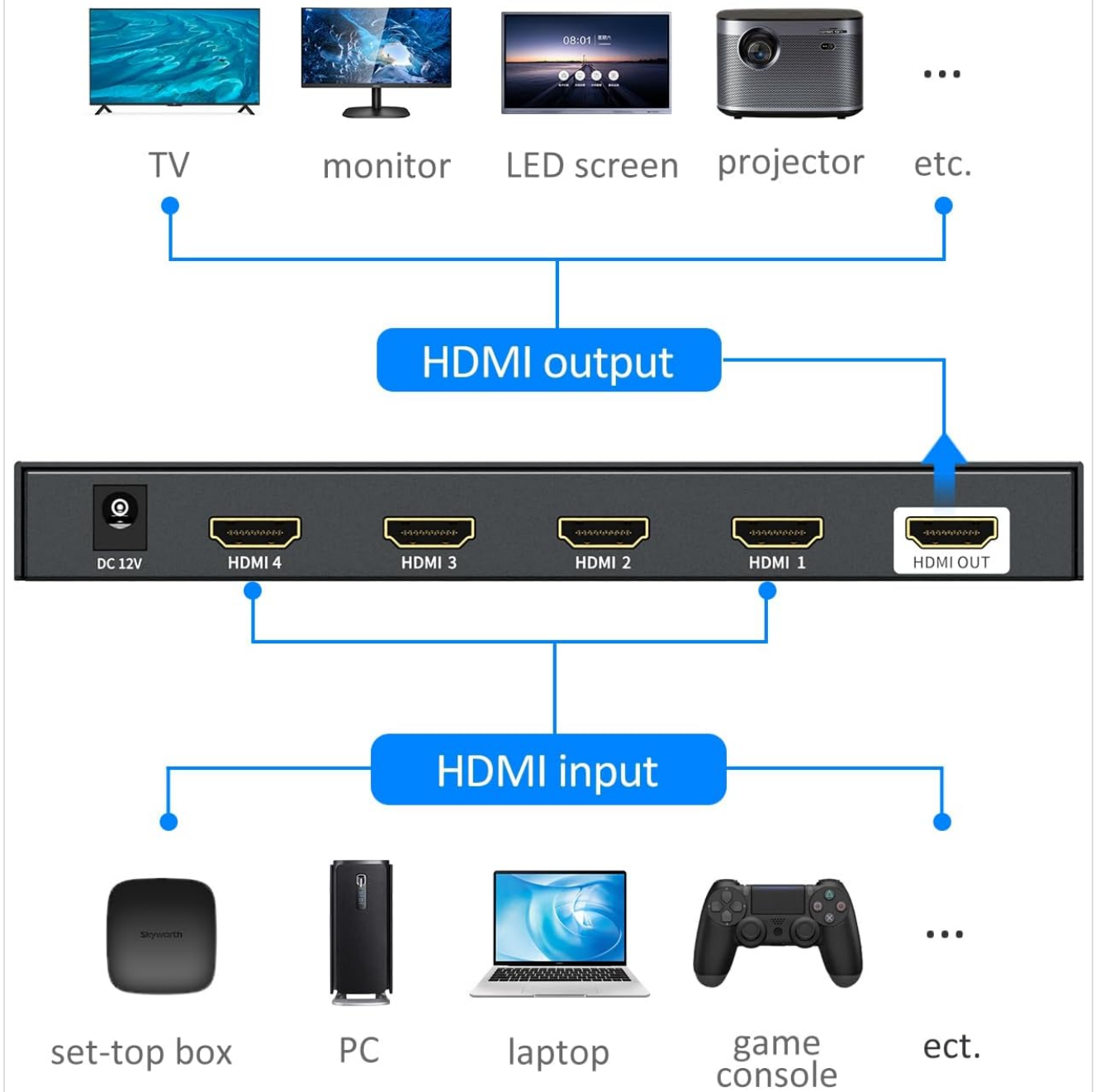


Image: A clear connection diagram illustrating how to connect various HDMI input devices (set-top box, PC, laptop, game console) to the HDMI input ports of the multiviewer, and how the HDMI output connects to a display (TV, monitor, LED screen, projector).

2. **Connect HDMI Output Display:** Connect the HDMI OUT port of the multiviewer to the HDMI input of your display (TV, monitor, projector) using an HDMI cable.
3. **Connect Power Adapter:** Plug the provided DC 12V power adapter into the DC 12V port on the multiviewer, then plug the adapter into a power outlet. The power indicator light on the multiviewer will illuminate.
4. **Power On Devices:** Power on all connected HDMI source devices and your display.
5. **Select Input on Display:** Set your display's input source to the HDMI port connected to the multiviewer.

The multiviewer is plug-and-play and does not require any software installation.

## OPERATING INSTRUCTIONS



### Switching Methods:

The Yinker 4K HDMI Multiviewer offers two convenient methods for switching between inputs and display modes:


- **Panel Button:** Use the CH1-CH4 buttons on the front panel to directly select an input, or the MODE button to cycle through display modes.
- **IR Remote Control:** Use the included IR remote control for full functionality, including direct input selection and mode switching. Ensure the remote is pointed towards the IR receiver on the front panel.

## Simple Switch with High-Quality Picture


Support highest to 4K@30Hz HD resolution



**Support 2 Switching Modes**



**Panel Button**



**IR Remote Control**

Image: This image highlights the two primary switching methods for the multiviewer: the physical buttons on the device's front panel (CH1, CH2, CH3, CH4, MODE) and the included IR remote control, demonstrating ease of use.

### Display Modes:

The multiviewer supports four distinct display modes to suit various needs:

- **Single Mode:** Displays one selected HDMI input source in full screen. Use the CH1-CH4 buttons or corresponding remote buttons to select the desired input.

- **Quad Mode:** Displays all four HDMI input sources simultaneously on the screen, each occupying a quarter of the display area.
- **Dual Mode:** Displays two selected HDMI input sources side-by-side.
- **PBP Mode (Picture-by-Picture):** Displays one main HDMI input source in a larger window, with three other input sources displayed in smaller windows.

**Single Screen Mode**

**Quad Screen Mode**

**Dual Screen Mode**

**PBP Mode(1 Big / 3 Small)**

## 4 Display Mode

Select the perfect screen mode to need your various situation

Image: This visual guide illustrates the four distinct display modes available on the Yinker 4K HDMI Multiviewer 4x1: Single Screen Mode (full display of one source), Quad Screen Mode (four sources equally divided), Dual Screen Mode (two sources side-by-side), and PBP Mode (one large source with three smaller ones).

Press the **MODE** button on the front panel or the remote to cycle through these display modes. Audio output will typically follow the main or selected input in multi-view modes. Refer to the remote control diagram in the user manual for specific button functions.

### Seamless Switching:

The multiviewer features seamless switching between inputs, minimizing black screen delays when transitioning from one source to another in single mode. This ensures a smooth viewing experience.

# Effective Seamless Switch

Switch within one second, without any lag



## VS

Normally with 2-3 seconds lag



Image: A visual comparison demonstrating the "Effective Seamless Switch" feature of the multiviewer, showing an instant transition between two video sources (represented by a beach scene and parrots) without the typical 2-3 second lag often seen in standard switches.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No picture on display.	No power to multiviewer. Loose HDMI cable connections. Incorrect display input selected. Source device not powered on or outputting signal.	Ensure power adapter is securely connected and plugged into a live outlet. Check all HDMI cables are firmly connected to both the multiviewer and devices. Verify your display is set to the correct HDMI input. Ensure all source devices are powered on and configured to output video.

Problem	Possible Cause	Solution
Flickering or unstable picture.	Poor quality HDMI cables. Resolution incompatibility. Interference.	Use certified high-speed HDMI cables. Ensure source device resolution is compatible with the multiviewer (up to 4K@30Hz). Try lowering the source resolution. Relocate the multiviewer away from other electronic devices that may cause interference.
Remote control not working.	Battery depleted. Obstruction between remote and IR receiver. Remote not pointed correctly.	Replace the CR2032 battery in the remote control. Ensure there are no objects blocking the line of sight between the remote and the multiviewer's IR receiver. Point the remote directly at the IR receiver on the front panel.
Audio issues (no sound, distorted sound).	Audio format not supported. Incorrect audio settings on source/display. In multi-view modes, audio may only be from the primary input.	Check if the audio format from the source is supported. Adjust audio settings on your source device or display. Confirm which input's audio is active in multi-view modes.

## SPECIFICATIONS

Feature	Detail
Model Number	YK-SW041C
Connector Type	HDMI
HDMI Version	HDMI 1.4
HDMI Input Resolution	Up to 4K@30Hz
HDMI Output Resolution	Up to 4K@30Hz (compatible with 1080P@60Hz, 720P, 1080i, 1024x768, 1360x768)
HDCP Compliance	HDCP 1.4
Switching Modes	Panel Button & IR Remote
Display Modes	Single Mode, Quad Mode, PBP Mode, Dual Mode
Compatible Systems	Mac, Win11, Win7, Windows, Linux, Unix, Fedora, Raspbian, Ubuntu, etc.
Compatible Devices	Nintendo, Xbox, PS series, Blu-Ray Player, Roku, Chromecast, Web Camera, PC, Laptop, Gaming Console, Monitor, Television
Product Dimensions	3.14 x 6.88 x 0.78 inches
Item Weight	1.47 pounds

Feature	Detail
Power Supply	DC 12V Power Adapter
Remote Battery	1 CR2032 battery required

## support multiple operating system

Support multiple operating systems, such as windows 10/7/2000/XP/Vista, Linux, Mac, Debian, Fedora, Raspbian and Ubuntu, etc.



Image: This image illustrates the broad compatibility of the Yinker 4K HDMI Multiviewer 4x1 with various operating systems, including Windows (7, 10, XP, Vista), Mac, Linux, Unix, Fedora, and others, highlighting its versatility.

### MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the device. Do not use liquid or aerosol cleaners.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure HDMI cables are not excessively bent or strained, which can lead to signal

degradation or cable damage.

## WARRANTY AND SUPPORT

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Yinker products are designed for reliability and performance. For warranty information and technical support, please refer to the official Yinker website or contact Yinker customer service directly.

### Contact Information:

- **Website:** [Visit the Yinker Store on Amazon](#)
- **Email:** Refer to the contact section on the official Yinker website or the included user manual for specific email support.

Please have your model number (YK-SW041C) and purchase details ready when contacting support.

