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## MT-VIKI MT-SP104-M

# MT-ViKI HDMI Splitter 1 in 4 Out User Manual

Model: MT-SP104-M

## 1. INTRODUCTION

This user manual provides detailed instructions for the MT-ViKI HDMI Splitter 1 in 4 Out. This device allows you to duplicate a single HDMI input source to four separate HD output monitors simultaneously. It supports various resolutions up to 4Kx2K@30Hz, Full HD 1080P, and 3D, making it suitable for a wide range of applications including home entertainment, business presentations, and educational setups.

**Important Note:** This is an HDMI splitter, not an HDMI switch. It duplicates the signal to multiple displays and does not allow switching between multiple input sources. It also mirrors the screen and does not extend it.



Image: The MT-ViKI HDMI Splitter 1 in 4 Out unit, showing its input and output ports with connected HDMI cables and the power adapter.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- MT-ViKI HDMI Splitter 1 in 4 Out (Model: MT-SP104-M)
- AC Power Adapter
- User Manual (this document)



Image: Contents of the MT-ViKI HDMI Splitter package, showing the splitter unit, AC power adapter, and the user manual.

### 3. KEY FEATURES

- **1 Input to 4 Outputs:** Duplicates one HDMI input source to four HD output monitors simultaneously.
- **High Resolution Support:** Supports resolutions up to 4Kx2K@30Hz, Full HD 1080P, and 3D.
- **Deep Color Support:** Compatible with 8/10/12 bit deep color.
- **Audio Format Support:** Supports DTS-HD, Dolby-trueHD, DTS, Dolby-AC3, DSD, and other audio formats.
- **Wide Compatibility:** Works with various HDMI source devices such as computers, PS3, PS4, Xbox, Blu-ray DVD players, STB, and HDMI-enabled TVs & monitors.
- **Long Distance Transmission:** Supports cascade connection for multiple splitters, allowing HDMI signal transfer up to 100ft (Input 40 ft and output 60ft).
- **Plug and Play:** No software or drivers required for operation.
- **Durable Construction:** Features a metal shell for fast heat dissipation, stable signal transmission, and wear resistance.

## 4. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.75 x 2.36 x 0.79 inches
Item Weight	7.4 ounces
Model Number	MT-SP104-M
Color	Black
Connector Type	HDMI
Compatible Devices	Blu-Ray Player, DVD Player, Gaming Console, Monitor, Projector, Television
Cable Type	HDMI
Max Resolution	4Kx2K@30Hz
HDCP Version	V1.4



Image: Physical dimensions of the MT-ViKI HDMI Splitter, illustrating its compact size.

## 5. SETUP INSTRUCTIONS

Follow these steps to connect your MT-ViKI HDMI Splitter:

- 1. Power Off Devices:** Ensure all HDMI source devices (e.g., computer, PS4) and display devices (e.g., monitor, TV) are powered off before making connections.
- 2. Connect HDMI Input:** Connect one end of an HDMI cable (not included) to the HDMI output port of your source device. Connect the other end of this HDMI cable to the "HDMI IN" port on the MT-ViKI HDMI Splitter.
- 3. Connect HDMI Outputs:** Connect HDMI cables from the "OUTPUT 1", "OUTPUT 2", "OUTPUT 3", and "OUTPUT

4" ports on the MT-ViKI HDMI Splitter to the HDMI input ports of your display devices (monitors, TVs, projectors).

4. **Connect Power Adapter:** Plug the included AC power adapter into the "DC 5V" port on the HDMI Splitter. Then, plug the power adapter into a standard electrical outlet. The power indicator light on the splitter should illuminate.
5. **Power On Devices:** Power on your display devices first, then power on your HDMI source device. The splitter will automatically detect the signal and distribute it to all connected displays.

## Compatible with multiple devices

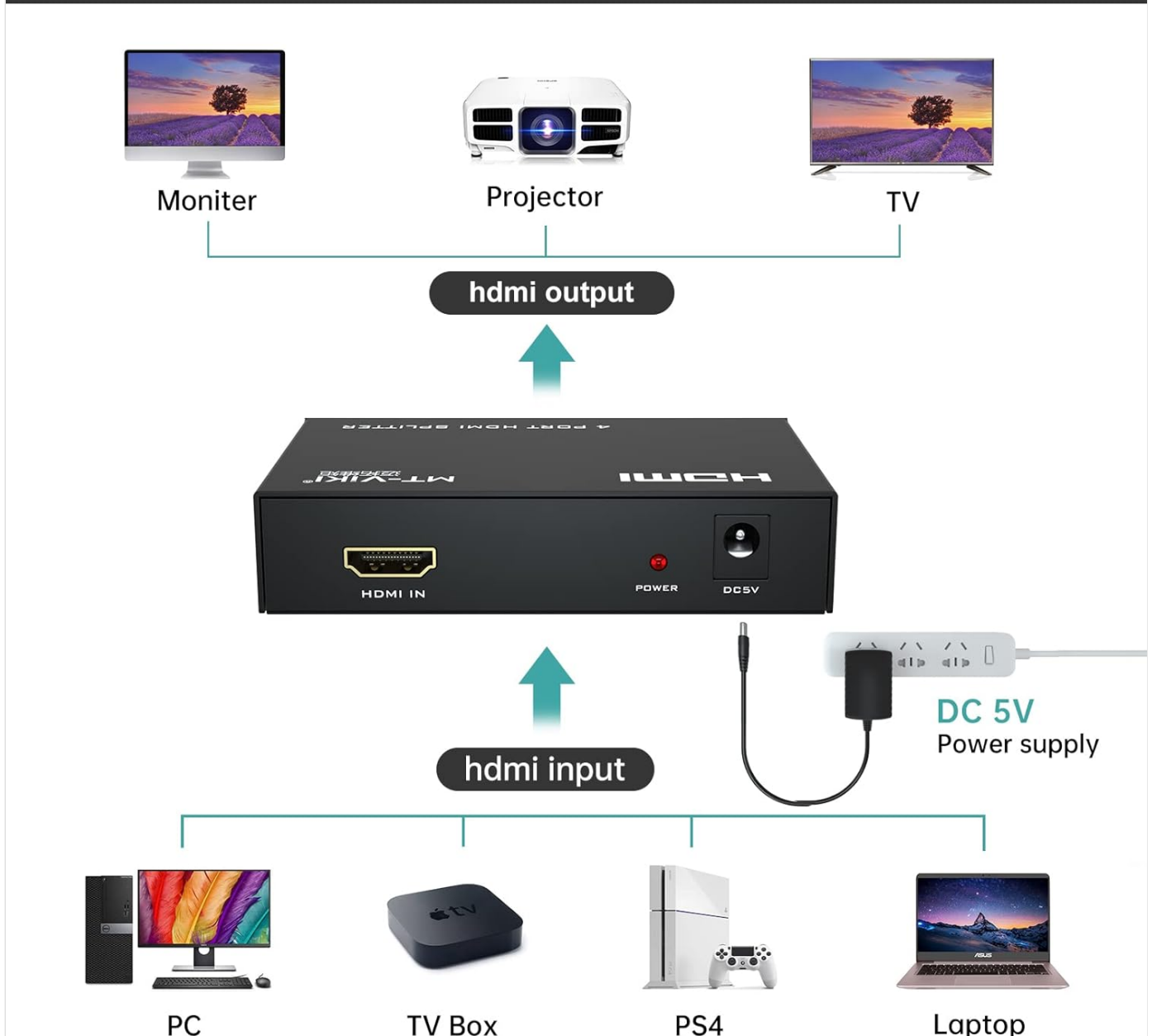


Image: Connection diagram for the MT-ViKI HDMI Splitter, illustrating input from a PC, TV Box, PS4, or Laptop, and output to a Monitor, Projector, or TV, powered by the DC 5V adapter.

## 6. OPERATING INSTRUCTIONS

Once the setup is complete, the MT-ViKI HDMI Splitter operates automatically:

- **Automatic Signal Distribution:** The splitter will automatically detect the HDMI signal from your source device and duplicate it to all four connected output displays.
- **Mirror Mode:** The splitter functions in mirror mode, meaning the same content will be displayed on all connected monitors. It does not support extended desktop mode.

- **Resolution Matching:** For optimal display, ensure that all connected output devices support the resolution being sent by the source device. If a display does not support the resolution, it may not show an image or may display a lower resolution.
- **Cascade Connection:** For applications requiring more than four displays, multiple MT-ViKI HDMI Splitters can be cascaded. Connect an output from one splitter to the input of another splitter. This allows for a larger distribution network.
- **Long Distance Transmission:** The splitter supports long distance transmission up to 100ft (15m input + 15m output) for lossless signal quality.

# SUPPORT CASCADE

One splitter to multiple

1 PC to unlimited monitors

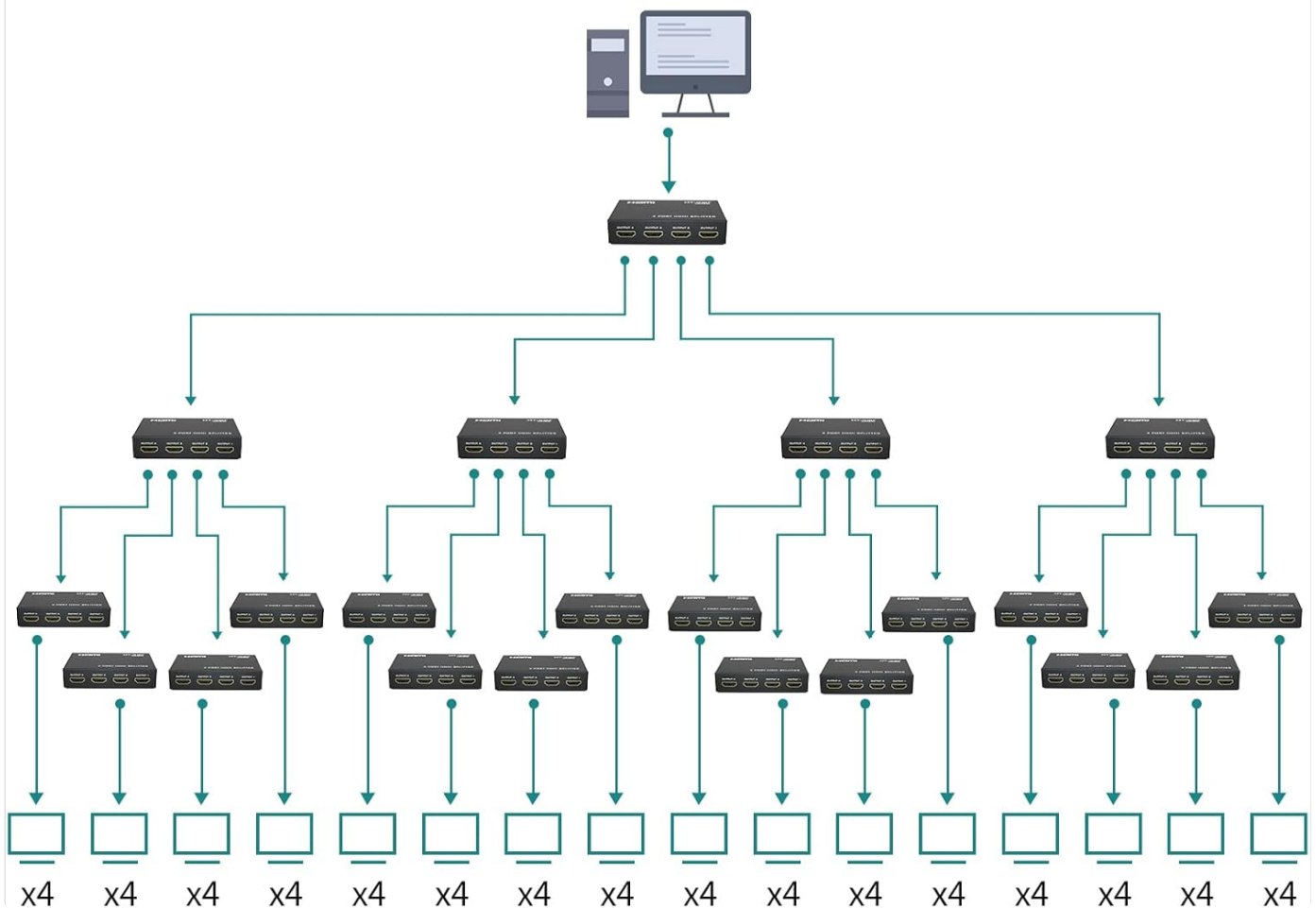


Image: The 1 Input 4 Output functionality, demonstrating how one source can be viewed on four different screens simultaneously.

# MT-VIKI Packing

Splitter+Adapter+Manual



Plug and Play

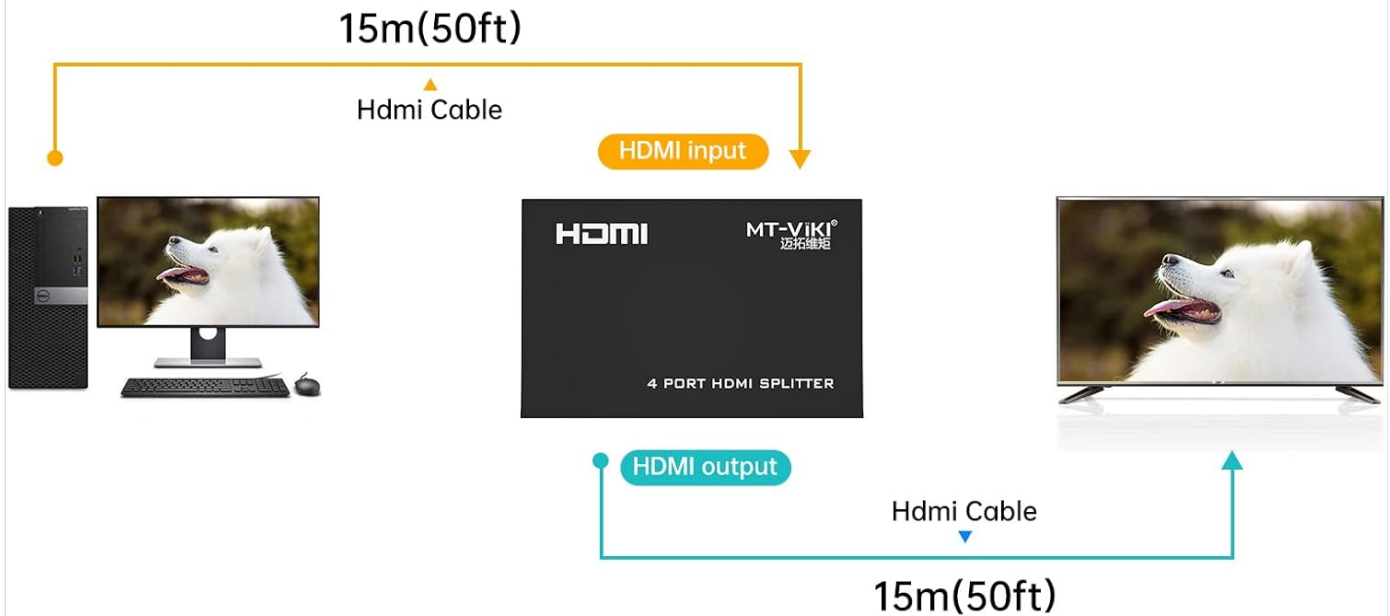


Image: Support for cascade connection, showing how multiple splitters can be linked to expand the number of output displays from a single source.

# 30m(100ft) Long Distance Transmission

input 15m + output 15m

long distance lossless transmission



4K@30Hz UHD 3D visual effects

Support EDID management function

Image: Illustration of long distance lossless transmission, showing a 15m (50ft) HDMI input cable and a 15m (50ft) HDMI output cable, totaling 30m (100ft) with the splitter.

## 7. TROUBLESHOOTING

If you encounter issues with your HDMI splitter, please refer to the following common problems and solutions:

### • No Display on Output Monitors:

- Ensure the power adapter is securely connected to the splitter and a working power outlet. Check if the power indicator light on the splitter is on.
- Verify that all HDMI cables are securely connected to both the input and output ports. Try re-seating the cables.
- Check if the input and output devices are powered on and functioning correctly.
- Confirm that the input/output devices support the resolution being transmitted. If the source is 4K, ensure all displays are 4K compatible.
- Try connecting the HDMI source directly to one of the displays to confirm the source and display are working independently.
- If the power light is blinking red, it may indicate an issue. Disconnect and reconnect the power.

- **Flickering or Unstable Picture:**

- Ensure you are using high-quality HDMI cables, especially for longer runs.
- Check for any interference from other electronic devices.
- Reduce the length of HDMI cables if possible.

- **Audio Issues (No Sound or Distorted Sound):**

- Verify that the audio settings on your source device are correctly configured.
- Ensure your display devices' audio is not muted or set to a very low volume.
- Check HDMI cable connections.

- **"No Signal" or "Input Not Supported" Message:**

- This often indicates a resolution incompatibility. Adjust the resolution of your source device to a lower setting that all displays can support.
- Ensure the HDMI input on your display is selected correctly.

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your MT-VIKI HDMI Splitter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosol sprays.
- **Ventilation:** Ensure the splitter is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Storage:** When not in use for extended periods, disconnect the power adapter and store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.

## 9. WARRANTY AND SUPPORT

MT-VIKI products are designed for reliability and performance. For specific warranty information regarding your MT-VIKI HDMI Splitter (Model: MT-SP104-M), please refer to the warranty card included with your purchase or visit the official MT-VIKI website. If you require technical assistance or have questions not covered in this manual, please contact MT-VIKI customer support through their official channels.

### Online Resources:

- MT-VIKI Official Store: [Visit MT-VIKI Store on Amazon](#)