

Maxtrack CS 1-5 L

Maxtrack 5-Way HDMI Switch CS 1-5 L User Manual

Model: CS 1-5 L

1. INTRODUCTION

The Maxtrack 5-Way HDMI Switch (Model CS 1-5 L) is designed to connect up to five HDMI source devices to a single HDMI display. This device allows for easy switching between multiple HDMI sources such as game consoles, Blu-ray players, and streaming boxes, eliminating the need to constantly reconnect cables. It supports 4K resolution at 30Hz, Full HD, 3D, and HDCP, ensuring high-quality video and audio transmission.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Maxtrack 5-Way HDMI Switch (CS 1-5 L)
- IR Remote Control
- IR Receiver Cable
- USB Power Cable
- User Manual (this document)



Figure 2.1: Product packaging showing the HDMI switch, remote, and cables.

3. PRODUCT FEATURES

- **5 HDMI Inputs, 1 HDMI Output:** Connects up to five source devices to one display.
- **4K @ 30Hz Support:** Delivers high-resolution video.
- **Full HD and 3D Support:** Compatible with various video formats.
- **HDCP Compatible:** Ensures secure content transmission.
- **High Bandwidth:** 340 MHz bandwidth and 10.2 Gbps data transfer speed for stable signal.

- **48-bit Deep Color:** Provides vivid and deep colors.
- **Uncompressed Audio Support:** Compatible with formats like LPCM for optimal sound quality.
- **Multiple Control Options:** Switch inputs via button on the device or included IR remote control.



Figure 3.1: Front view of the HDMI switch showing Input 1, Input 5, and Output ports.



Figure 3.2: Side view of the HDMI switch showing Input 2, Input 3, and Input 4 ports.

4. SETUP

Follow these steps to set up your Maxtrack 5-Way HDMI Switch:

1. **Connect HDMI Source Devices:** Connect up to five HDMI source devices (e.g., game console, Blu-ray player) to the HDMI Input ports (IN PUT 1-5) on the switch using HDMI cables.
2. **Connect to Display:** Connect one end of an HDMI cable to the HDMI Output port (OUT PUT) on the switch and the other end to the HDMI input of your display (TV, monitor, projector).
3. **Connect IR Receiver:** Plug the IR Receiver Cable into the designated IR port on the HDMI switch. Position the IR receiver in a location where it can receive signals from the remote control.
4. **Connect Power:** Connect the USB Power Cable to the power input port on the HDMI switch. Plug the other end of the USB cable into a USB power source (e.g., a USB port on your TV, a USB wall adapter).
5. **Power On:** Ensure all connected devices and the display are powered on.



Figure 4.1: HDMI switch with IR receiver and USB power cable connected.



Figure 4.2: The IR receiver cable.



Figure 4.3: The USB power cable.

5. OPERATING INSTRUCTIONS

Once the setup is complete, you can switch between your connected HDMI devices using one of two methods:

5.1 Using the Button on the Device

- Press the "SELECTED" button on the front of the HDMI switch to cycle through the available input sources (INPUT 1, 2, 3, 4, 5).
- The LED indicators on the switch will illuminate to show which input is currently selected.

5.2 Using the IR Remote Control

- Point the IR remote control towards the IR receiver connected to the HDMI switch.
- Press the corresponding number button (1, 2, 3, 4, or 5) on the remote to directly select the desired HDMI input.



Figure 5.1: The IR remote control for the HDMI switch.

6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or abrasive materials.
- **Placement:** Place the switch in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Handling:** Handle the device and cables with care. Avoid bending or pulling cables excessively.
- **Power:** Disconnect power when the device is not in use for extended periods.

7. TROUBLESHOOTING

If you encounter issues with your Maxtrack 5-Way HDMI Switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No signal on display.	<ul style="list-style-type: none">• Loose HDMI cable connections.• Incorrect input selected on switch or display.• Power issue with the switch.• Incompatible resolution/refresh rate.	<ul style="list-style-type: none">• Ensure all HDMI cables are securely connected.• Verify the correct input is selected on both the HDMI switch and your display.• Check if the USB power cable is properly connected and receiving power.• Try a different HDMI cable or reduce the resolution/refresh rate of the source device if possible.

Problem	Possible Cause	Solution
Remote control not working.	<ul style="list-style-type: none">IR receiver not properly connected or positioned.Obstruction between remote and IR receiver.Remote control battery depleted.	<ul style="list-style-type: none">Ensure the IR receiver cable is fully plugged in and positioned to have a clear line of sight to the remote.Remove any objects blocking the path between the remote and the IR receiver.Replace the battery in the remote control.
Flickering or distorted image.	<ul style="list-style-type: none">Poor quality HDMI cables.Cable length too long.Interference.	<ul style="list-style-type: none">Use high-quality, certified HDMI cables.Try shorter HDMI cables if possible.Ensure the switch is not placed near devices that emit strong electromagnetic interference.

8. SPECIFICATIONS

Feature	Detail
Model Number	CS 1-5 L
Brand	Maxtrack
Inputs	5 x HDMI
Output	1 x HDMI
Supported Resolutions	Up to 4K @ 30Hz, Full HD (1080p), 3D
HDCP Support	Yes
Deep Color	48-bit
Bandwidth	340 MHz
Data Transfer Speed	10.2 Gbps
Audio Formats	Supports uncompressed audio (e.g., LPCM)
Control Methods	Manual button, IR Remote Control
Product Dimensions	190D x 25W x 90H millimeters (19 x 2.5 x 9 cm)
Weight	120 g
Color	Black
Connector Type	HDMI
Compatible Devices	DVD Player, Gaming Console, Television

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your

purchase or contact your retailer. Keep your proof of purchase for any warranty claims.