

## SPECIFICATION

Input Port	2xHDMI(Female connector), 1xIR Channel
Output Port	4xHDMI(Female connector),
Bandwidth	10.2Gbps
Output Resolution	480i~1080P@50/60,1080P@24/50/60, VGA~UXGA,3840x2160@24/30
Operating Temperature	-15 C~55 C/5°F~131°F
Deep Color	36bit
Chassis	Metal
Dimension	278mm(L)x118mm(W)x25mm(H)
Weight	670g
Power Supply	DC 12V

## SAFETY PRECAUTIONS

Please read the following safety precautions carefully before you unpack and install this equipment.

1. Do not expose the unit to rain, moisture or any other dripping liquids. And keep it away from any wet locations such as fishing tanks, vases.
2. Do not install the unit close to fire or any other heat sources.
3. Keep the unit in dry and ventilated area. Do not install in bookcase, cabinet or any other confined space.
4. Stop using the unit during thunder or lightening storms.
5. Avoid the power cable to being stepped on or pinched. Position the unit carefully to avoid damage or accident.
6. Clean the unit only with dry cloth.
7. Only use accessories specified by the manufacturer.
8. Unplug the equipment when unused for a long period of time.
9. Do not try to open any non-serviceable parts. Contact your authorized servicing center and personnel.

Full 3D Pass-through  
Support IR Control  
Ultra HD 4K x 2K

# 2x4 HDMI Matrix

**MX24NN00RK**

**User Manual**



## INTRODUCTION

The 2x4 HDMI Matrix is designed to work as a switcher for multiple video sources and displays. It is capable of switching HDMI signals between two sources and four displays. Because it is a matrix switch, any or all of the 2 inputs can simultaneously be switched to any or all of the 4 outputs. This device will support high definition video in multiple resolutions of up to 4Kx2K. With IR Remote control options, you can enjoy easy and comfortable operation via this unit. This Matrix Switcher is HDCP Compliant making it perfect for all HDMI devices, PC monitors, Plasma TV displays and HDTVs.

The Matrix offers solutions for HDTV, STB, DVD, home theater, projector manufacture plant environments testing, data center, information distribution, conference room presentation, school and corporate training environments, AV installation etc.

## PACKAGE CONTENTS

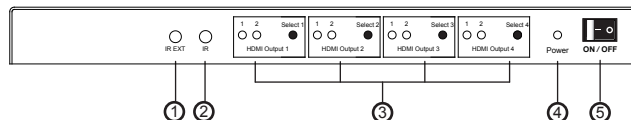
- 1 x HDMI 2 by 4 Matrix unit
- 1 x Remote
- 1 x 12V DC power supply
- 1 x User Manual

## FEATURES

- HDCP 1.4 and DVI compliant
- Support full 3D pass-through
- Support high resolution up to 4Kx2K
- Super IR control system, IR transport channel can be forward or backward per your installation
- Support CEC bypass

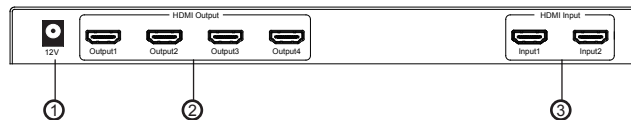
## PANEL DESCRIPTION

Front Panel



- ① IR EXTENDER INPUT
- ② BUILT-IN IR
- ③ HDMI INPUT DISPLAY AND BUTTON
- ④ POWER LED
- ⑤ POWER SWITCH BUTTON

Rear Panel



- ① POWER SUPPLY INPUT
- ② HDMI OUTPUT
- ③ HDMI INPUT

## INSTALLATION

- Connect HDMI input ports to the signal source equipments such as DVD player, Blue-ray player, Set-top box etc. You can press each of HDMI INPUT DISPLAY BUTTON repeatedly to choose the HDMI input source you want to display.
- Connect each HDMI output ports to the HDMI displays or monitors.
- Connect to IR output ports with the IR blaster cable (not included in the package) for IR signal transmission. Place the IR blaster in direct line-of-sight of the equipment to be controlled.
- Connect to the IR receiver cable (not included in the package) for IR signal reception. An IR over HDMI adaptor is needed for connection. Make sure that the remote being used is in direct line-of-sight of the IR receiver.
- You can control the device using a supplied Remote by pointing to the built-in IR sensor.
- Connect to the IR extender output with the IR extender cable (optional) if you need to extend the distance of using the remote.
- Plug the 12VDC power supply into the unit and connect the adaptor to AC outlet.

## CONNECTION DIAGRAM

