

## HDMI Mini Switch 3x1 (4K30Hz)

### ER2880SW

#### Product Picture



#### Product Overview

The EIRA ER2880SW 3-Port HDMI Switch allows you to connect to three HDMI sources to a single display and switch between them easily using the front panel buttons or the included IR remote control. It supports resolutions up to 3840×2160 @ 30Hz (4K/30Hz) with high-speed data transmission and is compatible with multiple video formats including 720p, 1080i, 1080p, and 2160p. Ideal for use with DVD players, satellite receivers, digital projectors, A/V receivers, and set-top boxes.

#### Product Highlights / Features

- 3 HDMI Inputs, 1 HDMI Output
- Supports 3.4Gbps data rate (TMDS clock up to 340MHz)
- Supports 3D video formats
- Maximum supported video resolution: 3840×2160 @ 30Hz (4K/30Hz)
- Supports UXGA and WUXGA resolutions
- Supports 8-bit, 10-bit, and 12-bit deep colour
- Supports AWG26 HDMI standard cable:
  - Input distance: up to 5 meters
  - Output distance: up to 5 meters
  - For 4K resolution: input and output distances up to 8 meters
- Supports single high-definition display connection for multiple sources like:
  - DVD Players
  - Satellite Receivers
  - Digital Projectors
  - A/V Receivers
  - Set-Top Boxes
- Includes IR remote control for easy switching and operation

## Technical Specifications

Specification	Details
Brand	EiRA
SKU Code	ER2880SW
Product Name	HDMI Switch 3X1
Inputs	3 × HDMI (Type A)
Output	1 × HDMI (Type A)
Max Supported Resolution	3840×2160 @ 30Hz
Data Rate	3.4Gbps per channel (10.2Gbps total)
Supported Video Formats	720p, 1080i, 1080p, 2160p
Color Depth Support	8/10/12-bit deep color
Cable Length (AWG26)	Input/output up to 5m
Control Method	Front Panel Buttons & IR Remote Control
Power Supply	DC 5V (via external adapter)
Operating Temperature	0°C to +45°C
Operating Humidity	10% to 85% RH (non-condensing)

## Package Content

- 1 × EIRA ER2880SW HDMI Switch 3X1
- 1 × IR Remote Control
- 1 × Micro USB Cable
- 1 × User Manual

## Application Industry

- Home Entertainment Systems
- Conference Rooms
- Educational Institutions
- Digital Signage
- Broadcasting Setups
- Gaming Consoles

## Connection

- 1. Connect HDMI Sources (PC, DVD, etc.):**
  - Use **HDMI cables** to connect to **three HDMI source devices** to the **HDMI IN 1, 2, 3** ports on the switcher.
- 2. Connect Display Device:**
  - Use an **HDMI cable** to connect the **HDMI OUT** port on the switcher to your **HDMI-enabled display** (TV, projector, etc.).
- 3. Connect Power:**
  - Plug the **DC power adapter** into the **power input** port on the switcher and connect the adapter to a power outlet.
- 4. Connect Remote Control (Optional):**
  - Position the included **IR remote** in a convenient location to control input switching remotely.



## Operation

1. **Switching Inputs:**
  - To switch between HDMI sources, press the **Input button** on the front panel of the switcher or use the **IR remote control** to cycle through the active sources.
2. **Video Output:**
  - The switcher automatically detects the resolution and video format of the connected devices and displays the selected input on your screen.
3. **IR Remote Control:**
  - Use the **IR remote control** to switch between inputs without physically interacting with the switcher. It allows for easy control from a distance.
4. **Compatibility Check:**
  - Ensure your source device supports the desired resolution (up to **4K**), and your display device can handle the output resolution for optimal performance.

## Support

For technical support, contact us at:

 +91-8800692207 (Mon–Sat, 11:00 AM – 5:30 PM)

 Online Support: <https://eiratek.com/customer-support/>