

OMX-HDMI2E-1X4 Splitter Distribution Amplifier with EDID User Adjustable Management

INSTALLATION & SPECIFICATIONS



Includes One 5VDC/2A Power Supply

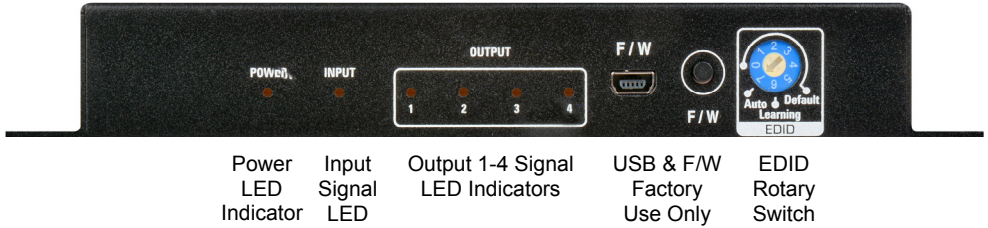
Ocean Matrix

812 Kings Highway • Saugerties, NY 12477

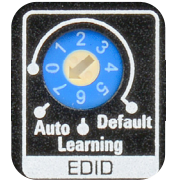
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Installation Requirements

1. Source: HDMI video source
2. Display: Display with HDMI port
3. Cable: HDMI cable able to support 4Kx2K



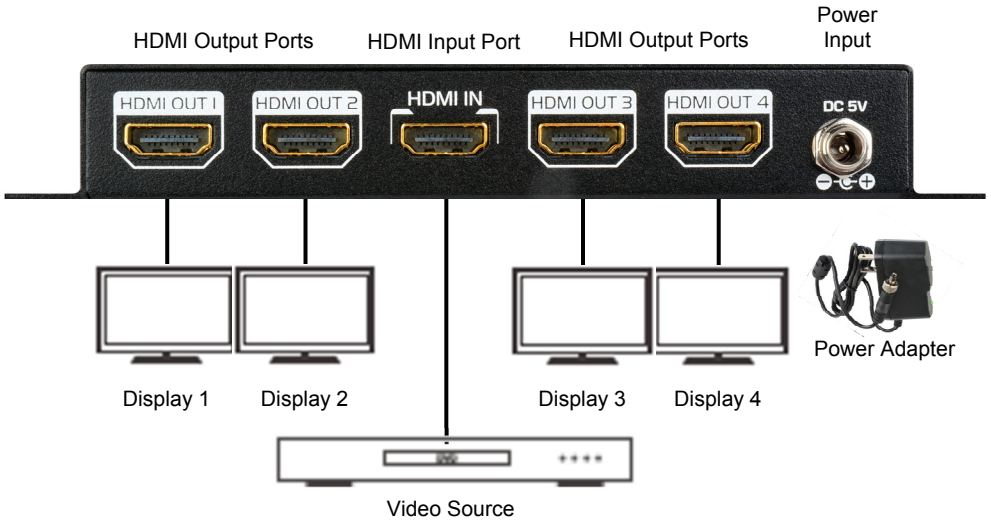
| EDID Rotary Switch Settings | |
|-----------------------------|--|
| 0 | Ultra-HD(4K2K@60) 8/10/12bit 3D HDR video & 7.1ch audio |
| 1 | Ultra-HD(4K2K@60) 8/10/12bit 3D HDR video & 2ch audio |
| 2 | Ultra-HD(4K2K@30)/(4K2K@60 420) 8bit 3D HDR video & 7.1ch audio |
| 3 | Ultra-HD(4K2K@30)/(4K2K@60 420) 8bit 3D HDR video & 2ch audio |
| 4 | Full HD(1080p@60) 12bit 3D video & & 7.1ch audio |
| *5 | Full HD(1080p@60) 8bit 2D video & 2ch audio (default) |
| *6 | Learning EDID from Output 1 |
| 7 | Auto EDID Analysis Learning Mode—may experience a slight delay in display. Will detect HDMI monitors and analyze all content. The EDID with minimal resolution will be the reference EDID for incoming HDMI sources. |



* If there is no video output, change the setting to #5 for a display with full HD. If there is still no video, switch the setting to #6 for EDID learning mode from Output 1. Note that the display with the lowest resolution should be connected to Output 1.

Installation

1. Connect the HDMI video source to the splitter HDMI IN port
2. Connect the HDMI displays to the splitter HDMI out ports
3. Connect the power supply and turn the power on



Specifications

| | |
|--------------------|---|
| Input/Output | 1 HDMI Input, 4 HDMI Outputs |
| Compliance | HDMI 2.0a, DV1 1.0, HDCP 2.2 & 1.4 |
| Frequency Range | 25MHz-600MHz |
| Video Bandwidth | Up to 18Gbps |
| Video | 4K2K@60 4:4:4 8bits |
| Audio | DTS-HD, Dolby TrueHD, DTS, DVD-audio, LPCM, SACHD, MPCM |
| Color | Supports xvYCC, x.v.Color & Deep Color |
| Power Supply | 5VDC/2A |
| Power Consumption | 10W |
| Dimensions (LxWxH) | 5.3x2.4x0.8 in |
| Weight | 8.1 oz |

Troubleshooting

No image output

- Ensure power supply is firmly connected. Only use the 5VDC power adapter included with the unit.
- Check that the HDMI cables are securely connected.
- Check that the display/TV has been set to the proper channel.
- For PC connections via HDMI, set output mode to mirror or extend.
- See EDID Mode instructions.

Display is unstable

- Check all connections.
- Connect the HDMI source directly to the display device to ensure there is a signal output.
- Change the signal source if necessary.
- Use only high-quality HDMI 1.4 and HDMI 2.0 cable for 4K×2K UHD transmission.

SAFETY PRECAUTIONS

1. To prevent fire or shock hazard, do not expose this equipment to dust or high humidity. Do not use in an unprotected outdoor installation or in areas classified as overly damp or wet.
2. The installation temperature should be kept between 32°F to 140°F (0°C to 60°C). Avoid direct sunlight exposure or extreme changes of temperature over a short period of time.
3. Do not place the unit on an unstable base and avoid heavy impact.
4. Proper ventilation is required for permanent installation. Do not block or cover enclosure openings as they protect the unit from overheating.
5. Prior to cleaning, turn the power off and unplug the unit from all connections. Use a damp cloth. Do not use liquid or aerosol cleaners.
6. Do not overload outlets and extension cords as this may result in a risk of fire or electric shock.
7. Enclosure entry is dangerous. Never push objects of any kind, including liquids, through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
8. Do not open or service this unit yourself as opening or removing covers may expose you to dangerous voltage and other hazards.
9. There are no user-serviceable parts inside the unit. If the unit requires service contact your authorized dealer, or authorized repair service company.