



# 1x2 HDMI Splitter with 4Kx2K & EDID Management

## Installation Guide

### Introduction

The *1x2 HDMI Splitter with 4Kx2K & EDID Management* splits one HDMI signal to two HDMI displays at up to 4Kx2K resolution.

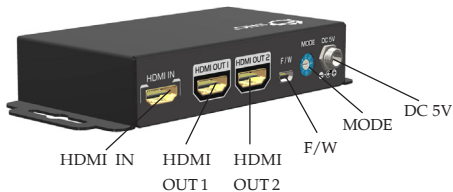
### **Key Features and Benefits**

- Broadcast HDMI video/audio signals from one HDMI source to two HDMI displays without losing quality
- Supports HDMI Deep Color & 3D
- Supports 1080p and up to 4Kx2K PC resolution
- Supports Dolby Digital, DTS-HD and Dolby True-HD audio
- Video bandwidth: 340MHz (10.2Gbps)
- Embedded EDID and EDID learning ability

## Package Contents

- *1x2 HDMI Splitter with 4Kx2K & EDID Management*
- Power adapter (Output: 5V/2A)
- Mounting screws (2)
- Installation guide

## Layout



**Figure 1: Rear Panel**

- **HDMI IN:** Connects to your HDMI source device by using an HDMI cable (cable not included)
- **HDMI OUT 1-2:** Connects to your HDMI displays by using HDMI cables (cables not included)
- **F/W:** For future firmware update

- **MODE:** Selects alternate EDID modes and functions. See **Mode Dial** in page 4 & 5.
- **DC 5V:** Power adapter jack for the included 5V power adapter



Figure 2: Front Panel

- **POWER LED:** On when the *Splitter* is powered on
- **SIGNAL LED:** On when HDMI source is detected

## Hardware Installation

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1. Power off all devices you plan to connect to the *Splitter*.
2. Connect your HDMI source's HDMI output to the *Splitter*'s **HDMI IN** using an HDMI cable (HDMI cable not included).

3. Connect your HDMI displays to the *Splitter's* **HDMI OUT** using HDMI cables (HDMI cables not included).
4. Connect the included power adapter to the *Splitter's* **DC 5V** power jack and plug it into a reliable power outlet.
5. Power on all of the connected devices.
6. The *Splitter* is now ready to use.

**NOTE:** To achieve 3D and 2Kx4K output, make sure this standard is supported by your display(s), and High Speed HDMI cables with Ethernet are used.

## Mode Dial

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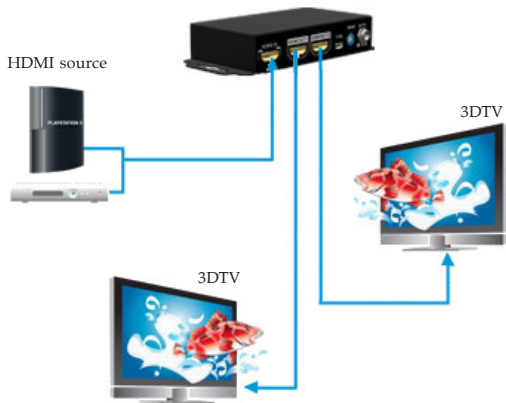
EDID is used to transmit the make, model and characteristics of a monitor to the display adapter of the computer. It is also used by an HDTV to identify its maximum resolution to the DVD player, A/V receiver or video processor. Use a flat head screwdriver to rotate the **Mode Dial** to select amongst the options.



- 0: Firmware update
- 1: EDID Full-HD (1080p@60) - 24bit 2D video & 7.1ch audio
- 2: EDID Full-HD (1080p@60) - 24bit 2D video & 2ch audio
- 3: EDID Full-HD (4K2K@30) - 24bit 2D video & 7.1ch audio
- 4: EDID Full-HD (4K2K@30) - 24bit 2D video
- 5: EDID HD (1080p@30)(1080i@60)(720p@60) - 24bit 2D video & 2ch audio
- 6: Auto EDID mode: Automatically detect and analyze the EDID of all the connected HDMI displays. The HDMI source player will defer to the lowest resolution HDMI display
- 7: EDID Learning mode: Learns the EDID of the HDMI display connected to **HDMI OUT 1** of the *Splitter*

# Application

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\* Input length: 5m (Max)

\* Output length: 10m (Max)



**Figure 3: Application**

# Technical Support and Warranty

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**QUESTIONS?** SIIG's **Online Support** has answers! Simply visit our web site at [www.siig.com](http://www.siig.com) and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 2-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for two (2) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

**Step 1:** Submit your RMA request.

Go to [www.siig.com](http://www.siig.com), click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

**Step 2:** After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

**SIIG, Inc.**  
**6078 Stewart Avenue**  
**Fremont, CA 94538-3152, USA**  
**RMA #:** \_\_\_\_\_

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

## About SIIG, Inc.

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Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/ Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

### **PRODUCT NAME**

1 x 2 HDMI Splitter with 4Kx2K & EDID Management

**FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B  
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE**

### **FCC COMPLIANCE STATEMENT:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE**

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

Phone: 510-657-8688

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