

# Phanteks Power Splitter

## INSTALLATION GUIDE

PH-PWSPR\_1P2M

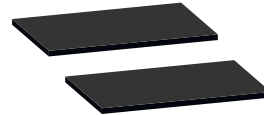
Using Phanteks' Patented Isolated Dual System Technology, PH-PWSPR\_1P2M is a power splitter that will eliminate the need to use two power supplies for dual system configuration. With Phanteks' Power Splitter, users will be able to run two fully functional systems with only one power supply. Now you can have two individual systems in one case independently of one another. The Power Splitter is cost efficient and space-saving thanks to its small footprint.

### PACKAGE CONTENTS



POWER SPLITTER DEVICE  
(PH-PWSPR\_1P2M)

QTY: 1



HOOK AND LOOP MOUNT

QTY: 2

Description:  
Used for installing the Power Splitter in a universal case.

### SPECIFICATIONS

**INPUT: PSU**

- 24-pin
- 2x 8-pin

**OUTPUT 1: Motherboard 1**

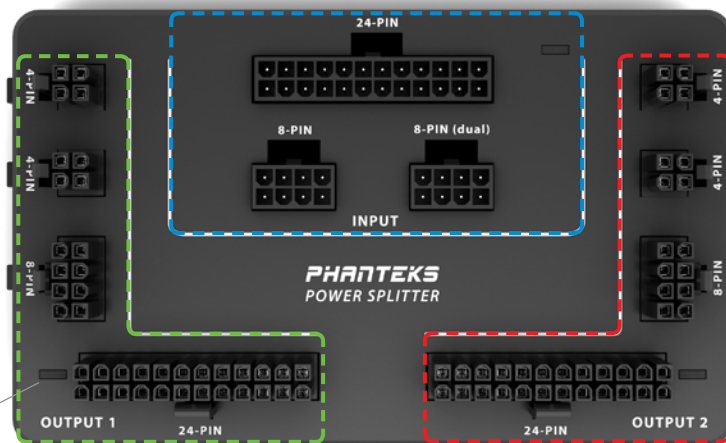
- 24-Pin
- 8-Pin
- 4-Pin
- Extra 4-Pin

**OUTPUT 2: Motherboard 2**

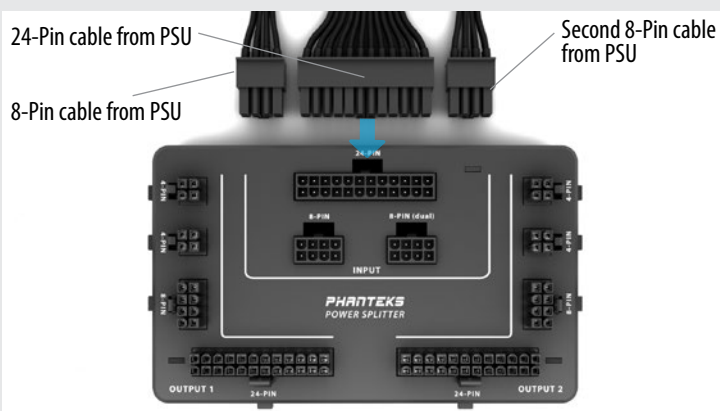
- 24-Pin
- 8-Pin
- 4-Pin
- Extra 4-Pin

INDICATOR LED LIGHT

RELEASE BUTTON



### INSTALLATION



#### STEP 1. CONNECTING PSU TO POWER SPLITTER

FOR OPTIMAL PERFORMANCE FROM THE POWER SPLITTER, PLEASE CHECK THE TOTAL POWER CONSUMPTION NEEDED FOR YOUR TWO SYSTEMS AND CHOOSE THE CORRECT POWER OUTPUT REQUIRED.

1. Connect the provided 1x 24-pin and 1x 8-pin from your power supply to the 24-pin and 8-pin input on the Power Splitter. (This step is required)

2. Optional: If your power supply has two 8-pin connector you can connect both in for additional power.



DO NOT PLUG THE PCI-E CABLES INTO THE 8-PIN INPUT ON THE POWER SPLITTER  
Power supply's PCI-E cables should be connected directly to GPU cards and not to the Power Splitter.

## STEP 2. CONNECTING MOTHERBOARDS

24-PIN / 8-PIN (/4-PIN) EXTENSION CABLES ARE REQUIRED FOR CONNECTING THE POWER SPLITTER TO MOTHERBOARD (cables are not included).

Connect 24-pin / 8-pin extension cables to system 1 and 2. If connected correctly, LED indicator will light up when systems are on.

### \*When to use the 4-pin?

- If you have an ITX board that does not have a 8-pin connector but has 1x 4-pin connector.
- Motherboard with both a 1x 8-pin and 1x 4-pin connector.

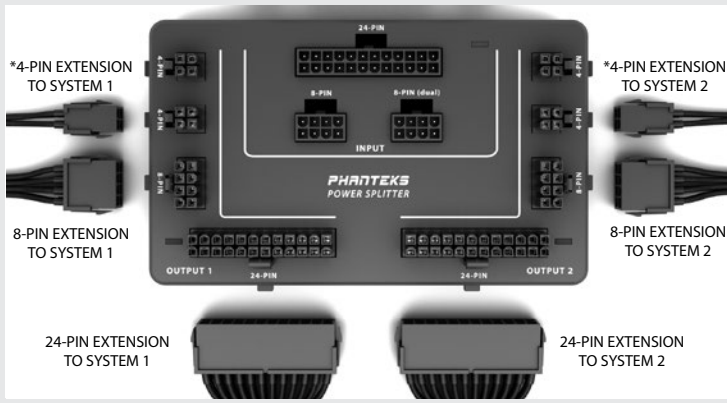
### \*\*When to use the dual 4-pin?

- Motherboards that have 2x 8-pin connectors.

The power splitter is compatible with all standard extension cables on the market. However, we recommend to use Phanteks' extension cables which are designed with extended length (500mm) for better cable management. Please check [WWW.PHANTEKS.COM](http://WWW.PHANTEKS.COM) for more information.



DO NOT PLUG THE PCI-E CABLES INTO THE 8-PIN OUTPUT ON THE POWER SPLITTER



NOT INCLUDED



## REMOVING THE CABLES

Push the release button to pull the cables out.



DO NOT UNPLUG THE CABLES WHEN THE POWER SPLITTER IS ON

## STEP 3. MOUNTING THE POWER SPLITTER

MAKE SURE THE POWER SPLITTER DEVICE WILL FIT IN THE MOUNTING AREA

### Universal Installation:

- Stick one of the "hook and loop" sheet on the power splitter bottom.
- Stick the other "hook and loop" sheet on the desired installation area in the chassis.
- Place the Power Splitter device onto the "hook and loop" sheet

### Installing in Compatible Phanteks (Dual System) Cases:

\*Please make sure to check [WWW.PHANTEKS.COM](http://WWW.PHANTEKS.COM) for compatible products.

- Align the Power Splitter to the Drop-N-Lock mounting rubbers
- Slide to lock the Power Splitter in place.

