



# Power Rack 58

**EXT-PS5-8R**

**User Manual**



[www.gefen.com](http://www.gefen.com)

## ASKING FOR ASSISTANCE

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### Notice

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# INTRODUCTION

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Congratulations on your purchase of the Power Rack 58. Your complete satisfaction is very important to us.

## **Gefen**

Gefen delivers innovative, progressive computer and electronics add-on solutions that harness integration, extension, distribution and conversion technologies. Gefen's reliable, plug-and-play products supplement cross-platform computer systems, professional audio/video environments and HDTV systems of all sizes with hard-working solutions that are easy to implement and simple to operate.

## **The Gefen Power Rack 58**

The Gefen Power Rack 58 is the perfect solution for cleaning up a messy rack space filled with individual power supply cables from many 5-Volt A/V devices. The Power Rack eliminates the need for multiple power supplies, centralizes power distribution, and saves space.

## **How It Works**

The Gefen Power Rack 58 is rack mounted in a single 1U rack space near up to eight 5V DC / 2.5A rated devices. The 24-Volt power supply of the Power Rack 58 is connected to a wall outlet or power strip and a red LED appears on the front panel, indicating successful power-on. 5-Volt power cables run from the rear of the Power Rack to the power input of each 5-Volt powered device.

On the front side of the Power Rack 58, there are 1 Power LED (red) and 8x dual-state (green/red) LEDs, one for each power feed that is connected to an external device. A Green LED color indicates normal power output at 5V  $\pm$ 0.3V. If the output voltage of this feed is below or above this voltage range, the dual-state LED turns red to indicate an error condition.

Note: All power outputs have a grounding wire that is connected back to the Power Rack for maximum safety when powering external devices.

## OPERATION NOTES

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### **READ THESE NOTES BEFORE INSTALLING OR OPERATING THE POWER RACK 58**

- The Power Rack 58 can supply power to up to eight 5V Gefen products that do not exceed 2.5 amps/12.5 Watts (max).
- The LED indicators will indicate the status of each of the power outputs. A GREEN LED will indicate a good status. A RED LED will indicate an output fault. This will occur when the output voltage dips below or beyond 0.3V of the 5V norm.

# FEATURES

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## Features

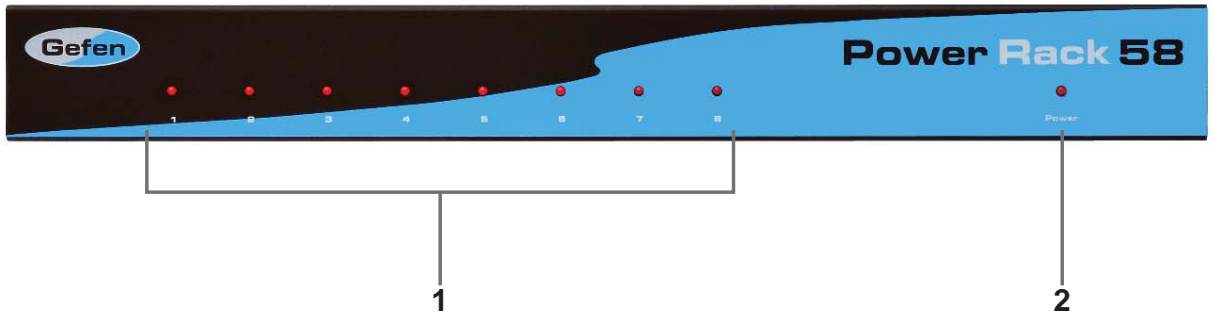
- Rack-mounted central power distribution eliminates multiple power supplies and messy cables
- Eight individual 5V DC / 2.5A max. power outputs for powering external devices
- Eight dual-state red/green LED lights indicate correct voltage range for each power output
- Locking connectors ensure secure attachment of output power cables
- Red LED indicates successful power status on the Power Rack 58
- RoHS Compliant -- Environmentally Safe Materials used in construction

## Package Includes

- (1) Power Rack 58
- (8) 6 ft. Power Output Cables, non-locking (to provide power to 5V devices)
- (1) 24V DC Power Supply
- (1) Set of Rack Ears
- (1) User Manual

# PANEL LAYOUT

## Front Panel



## Back Panel



## PANEL DESCRIPTIONS

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### **1 *Dual Color Status LED 1-8***

Each LED will indicate the current status of the output voltage.

Green            Voltage is within specification

Red              Voltage is at least 0.3V above or below the 5V norm

### **2 *Main Power LED***

This LED will become active once the included 24V DC power supply has been properly connected and power is supplied.

### **3 *24V DC Power Receptacle***

The included 24V DC power supply will connect between this port and an open wall power socket. Only use the included power supply with this unit.

### **4 *Power Output Receptacles 1-8***

8 power supply ports are provided for use with 5V Gefen devices. 8 locking cables with locking connectors are provided.



# CONNECTING AND OPERATING THE POWER RACK 58

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## How to Connect the Power Rack 58

1. Connect up to 8 power output cables (8 are included) to the Power Rack 58 unit.
2. Connect the opposite ends of the power output cables to compatible Gefen products.

**NOTE:** The amperage draw of each connected device must not exceed 2.5A.

3. Connect the included 24V DC power supply to the power receptacle on the Power Rack 58. Connect the power plug into an available power source.

## How to Operate the Power Rack 58

No further configuration is necessary to operate the Power Rack 58.

## SPECIFICATIONS

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Power Input Voltage ..... 24V power supply  
Power Output Voltage ..... 5V DC / 2.5A max. per output  
Power Consumption ..... 192 Watts (max.)  
Power Outputs ..... Locking screw-down type, 1/4" dia.  
Dimensions ..... 17.1" W x 1.7" H x 4.25" D  
Shipping Weight ..... 6 lbs.

## WARRANTY

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Gefen warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen is notified within two (2) years from the date of shipment, Gefen will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

1. Proof of sale may be required in order to claim warranty.
2. Customers outside the US are responsible for shipping charges to and from Gefen.
3. Copper cables are limited to a 30 day warranty and cables must be in their original condition.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding the features and specifications is subject to change without notice.

For the latest warranty coverage information, refer to the Warranty and Return Policy under the Support section of the Gefen Web site at [www.gefen.com](http://www.gefen.com).

## PRODUCT REGISTRATION

**Please register your product online by visiting the Register Product page under the Support section of the Gefen Web site.**







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This product uses UL listed power supplies.