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› Leviton 4.2-Amp High Speed 4-Port USB Charger, USB4P-W, White - Instruction Manual

Leviton USB4P-W



Leviton 4.2-Amp High Speed 4-Port USB Charger

MODEL: USB4P-W (WHITE)

1. INTRODUCTION

The Leviton 4.2-Amp High Speed 4-Port USB Charger (Model USB4P-W) is designed to provide convenient and efficient charging for up to four electronic devices simultaneously. This device integrates advanced technology to optimize charging performance for a wide range of compatible electronics.



Figure 1.1: Front view of the Leviton 4-Port USB Charger, showing the four vertical USB Type-A ports.

Key Features:

- **Microprocessor & Smart Chip:** Designed to recognize and optimize the charging requirements of connected electronic devices.
- **High Capacity Charging:** Capable of charging multiple tablets and high-power devices concurrently.
- **Vertical USB Ports:** Four generously spaced vertical USB ports reduce stress on cables and allow for easier maneuvering.
- **Compact Design:** Engineered to fit into a standard wall box and compatible with standard wallplates (sold separately).
- **4.2A Total Charging Capacity:** Provides ample power for simultaneous charging.
- **Versatile Application:** Suitable for both residential and commercial environments.

2. SAFETY INFORMATION

Please read and understand all instructions before installing or using this device. Improper installation or use can result in serious injury or property damage.

- **Electrical Hazard:** Installation involves working with electrical wiring. Ensure power is turned OFF at the circuit breaker or fuse box before beginning installation.
- **Qualified Electrician:** If you are unsure about any part of these instructions, consult a qualified electrician.
- **Indoor Use Only:** This device is intended for indoor use in dry locations only.
- **Proper Wiring:** Ensure all wiring connections are secure and comply with local electrical codes.
- **Overload Protection:** Do not exceed the device's rated electrical capacity.

3. PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- Leviton 4.2-Amp High Speed 4-Port USB Charger (USB4P-W)
- Wire nuts (typically included for installation)

Note: A standard wallplate is sold separately and is not included with this charger.

4. SPECIFICATIONS

Attribute	Value
Model Number	USB4P-W
Color	White
Input Voltage	125 Volts AC
Total USB Amperage	4.2 Amps
Total USB Ports	4 (Type A)

Product Dimensions	1.75 x 1.6 x 4.26 inches
Weight	4 ounces
Manufacturer	Leviton Direct
Special Feature	Fast Charging (Smart Chip Optimization)

5. INSTALLATION INSTRUCTIONS (SETUP)

This section provides a general guide for replacing an existing wall outlet with the Leviton 4-Port USB Charger. Always prioritize safety and consult a professional if needed.



Figure 5.1: Rear view of the Leviton 4-Port USB Charger, illustrating the wiring terminals.

Tools Required:

- Screwdriver (Phillips and/or Flathead)

- Wire Strippers (if wires are not pre-stripped)
- Voltage Tester (recommended for safety)

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the power to the outlet you intend to replace. Turn off the power completely. Use a voltage tester to confirm that the power is off at the outlet.
2. **Remove Existing Outlet:** Unscrew and remove the wallplate from the existing outlet. Then, unscrew the outlet from the electrical box. Carefully pull the outlet out of the box.
3. **Disconnect Wires:** Disconnect the wires from the old outlet. Typically, you will find:
 - Black wire (Hot/Line)
 - White wire (Neutral)
 - Green or bare copper wire (Ground)
4. **Connect New Charger:** The Leviton USB charger has pre-stripped wire leads. Use the provided wire nuts to connect the corresponding wires:
 - Connect the **black** wire from the wall to the **black** wire of the USB charger.
 - Connect the **white** wire from the wall to the **white** wire of the USB charger.
 - Connect the **green** wire from the wall to the **green** wire of the USB charger.

Ensure all connections are tight and secure.

5. **Mount Charger:** Carefully push the connected wires back into the electrical box. Position the Leviton USB charger into the electrical box and secure it with the mounting screws.
6. **Install Wallplate:** Attach a compatible standard wallplate (sold separately) over the installed charger.
7. **Restore Power:** Return to the circuit breaker or fuse box and turn the power back ON.

6. OPERATION

Using the Leviton 4-Port USB Charger is straightforward:

1. **Connect Device:** Plug your device's USB charging cable into any of the four USB Type-A ports on the charger.
2. **Smart Charging:** The integrated smart chip will automatically detect your device's charging requirements and optimize the power delivery for efficient charging.
3. **Multiple Devices:** You can charge up to four devices simultaneously. The charger is designed to handle multiple high-power devices like tablets.

7. COMPATIBILITY

The Leviton 4-Port USB Charger is compatible with a wide range of electronic devices that charge via a USB Type-A connection. This includes, but is not limited to:

- Smartphones (e.g., iPhone, Samsung, Android phones)
- Tablets (e.g., iPad, Kindle devices)
- E-readers (e.g., Nook)
- MP3 Players
- Digital Cameras

- Bluetooth Headsets
- Portable Gaming Devices (e.g., Nintendo 3DS, PlayStation Vita)
- GPS Devices

8. MAINTENANCE

The Leviton 4-Port USB Charger requires minimal maintenance to ensure optimal performance and longevity.

- **Cleaning:** To clean the surface of the charger, wipe it with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components. Ensure the power is off before cleaning.
- **Inspection:** Periodically inspect the charger and connected cables for any signs of damage, such as frayed wires or cracked housing. If damage is observed, discontinue use and replace the unit.
- **Environmental Conditions:** Avoid exposing the charger to excessive moisture, extreme temperatures, or direct sunlight.

9. TROUBLESHOOTING

If you encounter issues with your Leviton 4-Port USB Charger, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device not charging	No power to the outlet Faulty USB cable Device incompatibility Loose connection	Check circuit breaker. Ensure power is ON. Try a different USB cable. Verify device is USB-chargeable. Ensure cable is fully inserted into the port.
Slow charging speed	High power consumption by multiple devices Device requires higher amperage than available Cable quality	The charger provides 4.2A total. Charging speed may vary with multiple devices. Ensure your device is compatible with the charger's output. Use a high-quality USB cable.
Charger is warm to the touch	Normal operation under load	It is normal for the charger to generate some heat during operation, especially when charging multiple devices. If it becomes excessively hot or emits smoke/odor, immediately disconnect power and contact support.

10. WARRANTY AND SUPPORT

Limited Warranty:

The Leviton 4.2-Amp High Speed 4-Port USB Charger (USB4P-W) is backed by a **Five-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For specific terms and

conditions, please refer to the warranty documentation included with your product or visit the official Leviton website.

Customer Support:

If you require further assistance, have questions about installation, or need to make a warranty claim, please contact Leviton Customer Service. Contact information can typically be found on the Leviton website or on the product packaging.

Online Resources: For additional product information, FAQs, and support documents, please visit the official Leviton website: www.leviton.com

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