User Manual

7-Port USB 3.2 Gen 2 Charging & Super Speed Mountable Hub

Model Number: *USBG-BREC307PWS*

Product Manual Version: 1 Date 2025-12-29

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Revision History

Revision	Date	Comments
1.0	2025-12-29	First Release

1. Introduction

Thank you for purchasing our 7 port hub with individual port switches. Housed in a compact steel chassis, these hubs are perfect for discreet installations in offices, labs, warehouses, heavy machinery, automation equipment, and other industrial applications. The individual port switches allow

Features:

- ✔ Compliant with USB 3.2 Gen 2 Specifications
- ✔ Upstream and Downstream ports support Super-Speed+ (SS+), Super-Speed (SS), High-Speed (HS) and Full-Speed (FS) traffic
- ✔ Backward compatible to USB specification Revision 3.0/2.0/1.1
- ✔ Includes a charging function to power each port up to 900mA, enough for normal charging
- ✔ Compliant with Fast Charging for international Battery Charging 1.2 Standard Protocol and Smart Control
- ✔ Transfer data and charge connected devices simultaneously
- ✔ Individual port control with individual on/off switches.
- ✔ Support included for Plug-and-Play and hot swapping. No driver installation needed
- ✔ Bus-Powered with Limit current protection
- ✔ Compatible with all operating systems
- ✔ Power Adapter Included in all models

2. Connector Layout

1	Downstream Device Charging Ports	7x USB 3.2 Gen 2 Female Type-A
2	Upstream Host Port	1x USB 3.2 Gen 2 Female Type-B
3	Power Connector	DC Barrel Jack
4	Surface Mounting Bracket	Fixed Non-Removable
5	Port Control Switches	Turn each port on/off

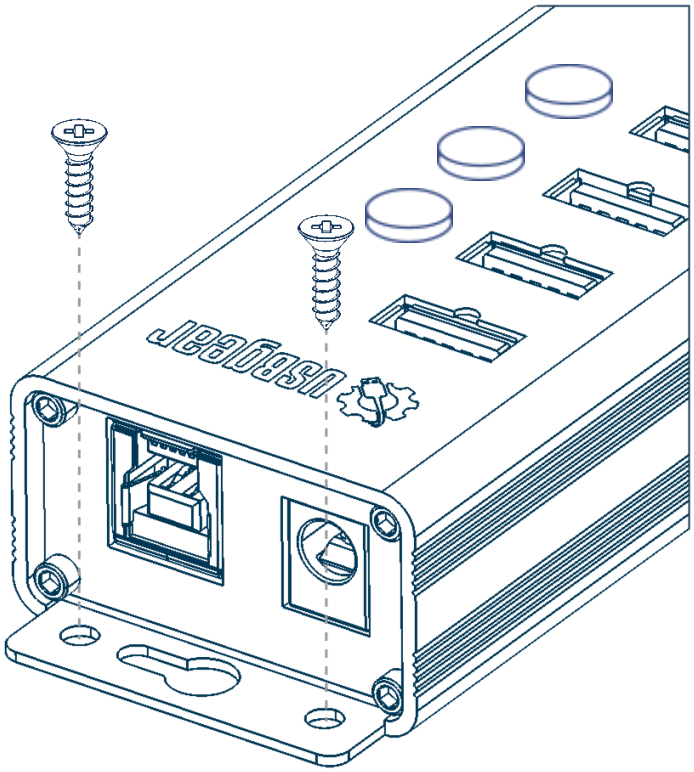
3. Hardware Installation

1. **Use static electricity discharge precautions.** Remove possible static discharge potential from any objects that the hub may come in contact with before installation. This can be accomplished by touching a bare metal chassis rail after you have turned off the power.
2. Apply DC power via the DC Barrel Jack. Attach the included DC Barrel Power Supply.
3. Connect USB Host cable: The host cable is a standard A-to-B USB 3.2 Gen 2 cable. Please connect the Type-A end connector of the cable to your USB Host or PC, then connect the Type-B end connector to this hub. Since the USB hub is plug-and-play, you don't have to turn off your host computer when installing the hub.

4. Connect USB devices to the downstream ports of this hub.
    a. Use the individual port switches to allow power and data communications with the connected peripheral(s).
5. **(OPTIONAL)** Mount your hub on the wall / surface.

3.1 Surface Mounting

1. Mount your hub where needed via the integrated surface mounting flanges. **Screws for surface mounting not included*



3.2 Individual Port Switches

1. Press each port's corresponding switch to allow power and data communications with the host through to the connector peripheral(s).

On *(Allow Power & Data)*

Off *(No Power & Data)*

4. Environmental Specifications

Operating Temperature: 0°C to 55°C (32°F to 131°F)
Storage Temperature: -20 to 75°C (-4 to 167°F)
Humidity: 5% ~ 95% (non-condensing)

Safety	
	• Read the entire Product Manual before implementing this product for your application. This manual contains important information about electrical connections that must be followed for safe and proper operation. • Inspect the product closely for visual defects before putting it to use. • Keep away from areas where moisture builds, this product contains electrical components that can be damaged by moisture build up, this can adversely affect your equipment connected to it. • Do not disassemble the product. Handling the product's internal components can expose it to ESD (Electro-Static Discharge) hazards that can affect the function of the device. • If this product is not functioning properly, email our support team at support@usbgear.com.

Compliance Statement

View compliance within the product's respective Technical Data Sheet, found on the product's online listing.

Technical Support

When you reach out to USBGear support, you'll find yourself in the hands of a solution-oriented and knowledgeable expert ready to answer whatever question you throw at them. If you ever need help with your product, visit USBGear.com/support for support tickets, downloads, and other support resources. For the latest drivers, please visit USBGear.com/download.

Product Standard Warranty

One (1) Year Warranty from Date of Purchase Invoice. USBGear will repair or replace any Product determined to be defective and which has been returned, at your risk and expense, to USBGear. Where USBGear determines in its sole judgment that repair or replacement of such Product is not reasonable, USBGear will keep the non-conforming Product and refund to you the amount you paid for such Product. Returned Products shall be subject to the balance of the Warranty Period otherwise applicable. Any reconditioned parts used by USBGear shall be subject to all the same provisions as otherwise applicable to new parts. THE FOREGOING DESCRIBES USBGear'S SOLE LIABILITY, AND YOUR SOLE REMEDY, FOR ANY BREACH OF WARRANTY. IF YOU DO NOT AGREE WITH THE TERMS OF THIS LIMITED WARRANTY, YOU MUST RETURN THE PRODUCTS UNUSED AND IN THEIR ORIGINAL CONTAINERS TO YOUR ORIGIN OF PURCHASE.

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