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JAR SYSTEMS REBBCU32 USB-C Charging Retrofit for Cube Cart User Guide

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Version A
#M00025
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For a copy of the most up-to-date manual, please contact a
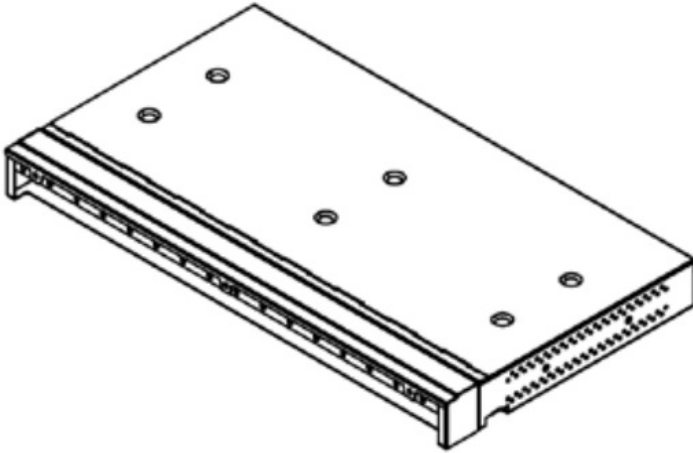**JAR Systems representative or visit:**
JAR-Systems.com/Support
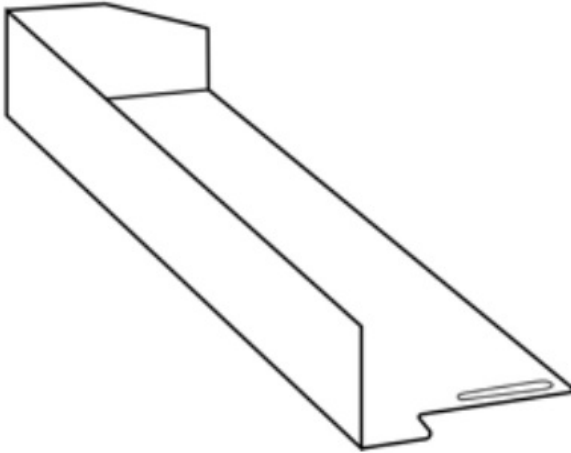
Contents

Installation Instructions

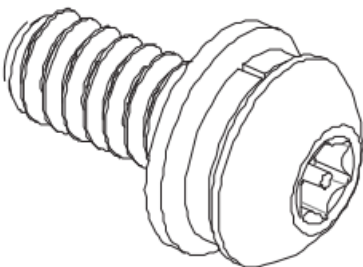- Quick-Sense 16-Port Charging Hubs

- USB-C Cables
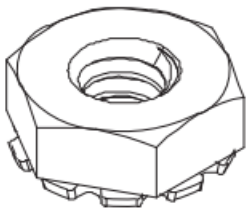
- Mounting Brackets

- M3 Anti-theft Screws

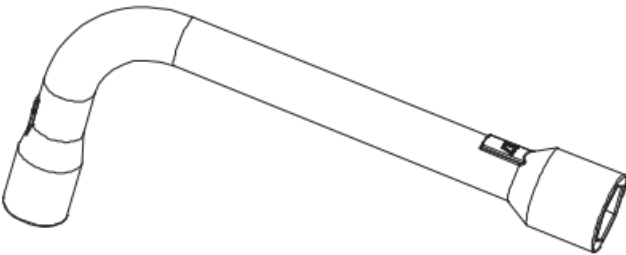- M5 Anti-Theft Screws

- Torx Key T25

- M5 Nut with Crown

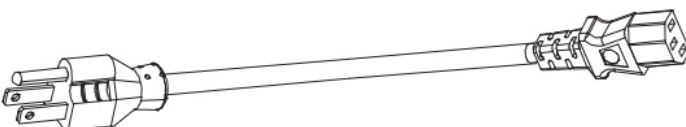- Wrench for Nuts M5

- Spring Washer

- Washer

- Power Cord

- T10 H Torx Tool
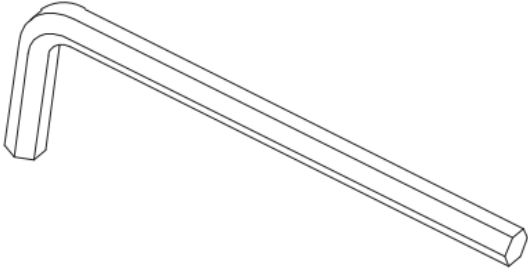
1. Secure the mounting brackets to the sides of the cart using the T25 Torx key and 2 M3 screws each. Make sure to align and level both sides. On the top brackets, install in the 3rd vent holes from the bottom up. At the bottom, use the first vent hole from the bottom. Make sure that the cut-out in the bracket is facing the front of the cart.
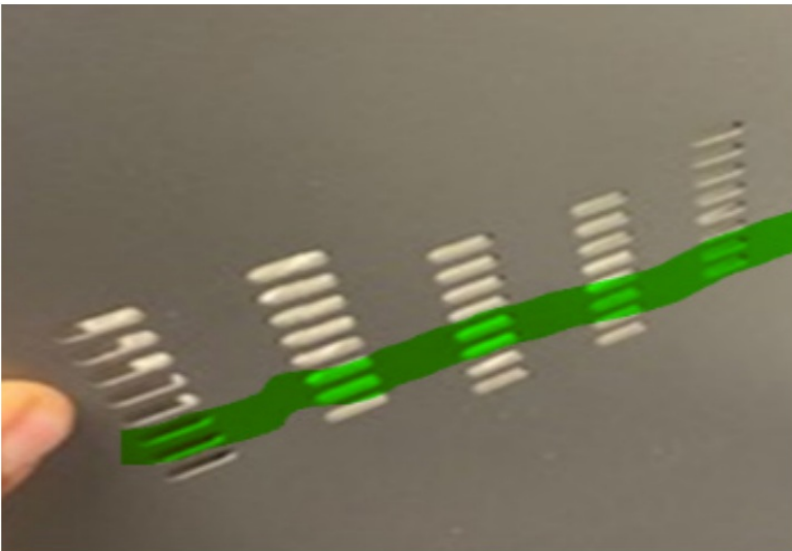
2. Pass one end of each power cord to the back of the cart. Connect the other ends of the power cords to the hubs and set the hubs on the mounting brackets. Align the hubs with the screw holes on the brackets and secure them using M5 screws and lock nuts.
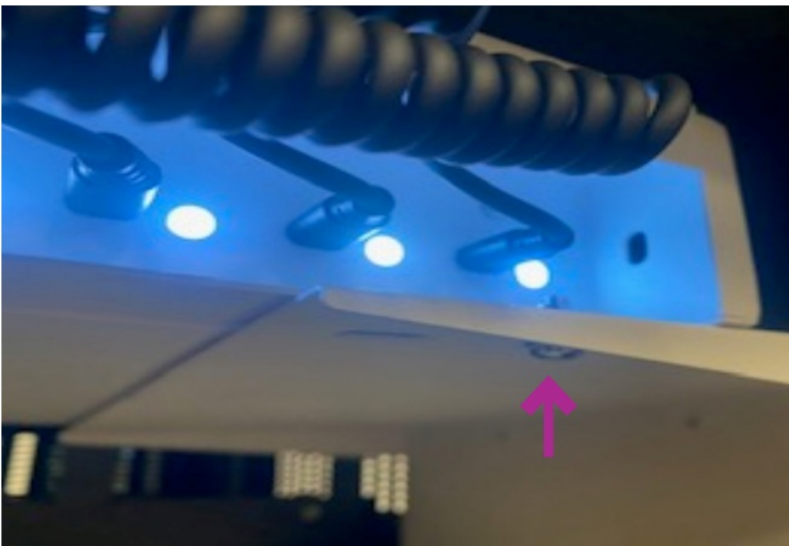
3. Access the back of the cart and connect the power cables to the power strip. Plug in the cart and connect your devices.

Quick Start

1. Connect cart to power source
2. Plug in powered down devices
3. Connected devices will automatically charge as efficiently as possible
4. Connect/disconnect devices any time

LED Charging Port Indicator Lights

White: Port Ready

Blue: Device Charging

Green: Charge Level >90%

Normal Operation

- Plug the power cable into a standard 15A outlet. LEDs will illuminate white to indicate the cart is connected to a power source.
- Power off devices fully before connecting them to the cart for charging.
- Connect the devices to the USB-C charging cables.
  Ensure that devices are placed in the cart so that the charging ports are as close as possible to the USB-C charging port on the cart. Incorrectly connecting devices can strain the cable over long periods of time and lead to damage.
- You may hear a clicking sound, and the LED lights will change color according to the power draw of the attached devices.
- The system will automatically limit power consumption by turning some of the USB-C ports off temporarily.
- Refer to the device for the level of charge. Connected devices will charge as fast and evenly as possible, up to 65W, without drawing too much power.
- To remove devices from the carts with the greatest level of charge first, disconnect devices with the green LEDs first before you disconnect devices with the blue LEDs.
- Devices that do not feature a USB-C charging port can be charged using USB-C emulator cables. (Not Included, contact JAR Systems for more info)

Trouble-Shooting

Always start troubleshooting with a simple reboot
Unplug and replug the power cord. When the cart is connected to power, the LEDs will change color based on the power draw of connected devices (see light indication).

Single Port or Device Issue
Ensure that both of the USB-C cable ends plug into the cart and the device correctly.

If there is still no charge, disconnect the device from that port (A) and plug into another port (B). If it is still not charging, it may be an issue with the device.

If charging begins when using port (B), exchange the cable from port (B) to port (A). If it begins to charge, the cable (A) is defective and will need to be replaced.

Entire Charging Hub/Shelf Issue
Check the back of the charging hub to see if the cart's power cable is plugged in and connected correctly.
When the cart is powered back on, the LED lights will begin to illuminate.

Remove/Replace USB-C Cables
Each cable lock may be secured with up to three screws. Remove all screws with the supplied Torx key. Remove the cable lock. Unplug the cables from the USB-C ports and route them through the cable track. Reverse the process to replace a cable.

Warnings

- Power down all devices prior to connecting them to the hub for charging.
- Keep away from moisture and harsh chemicals. Do not place any liquids near the charging cart.
- Any electrical equipment must be used by an adult or with adult supervision.
- Do not connect unsupported items to the cart or use for any purpose other than its intended use.
- Do not attempt to obstruct any ventilation openings or dismantle, open, or modify the system in any way.
- Do not sit or stand on the cart or charging hubs.
- Do not use an extension cable or daisy-chain to any other devices.
- Not intended for operation at altitudes greater than 2000 m or 6561 ft above sea level and should not be used in extreme temperatures. For indoor use only.

Disclaimer

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This includes but is not limited to the implied warranties or merchant ability and fitness. JAR Systems, LLC's responsibility is limited to the actions listed above and nothing else.

This warranty does not cover, and JAR Systems, LLC will not be responsible for, any damages due to loss of use of the product, or any other costs or expenses incurred by you or anyone else who uses the product, whether due to defects, breach of contract, negligence, strict liability or otherwise. JAR Systems is not liable for any indirect,

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This warranty gives you specific legal rights and you may also have other rights that vary from state to state. This warranty is governed by the laws of Florida, excluding its conflict of laws principles, unless your state requires that its law be used. Contact JAR Systems for information on the length of warranty on your product(s).

3 For Additional Support
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or
Email: **Support@JAR-Systems.com**

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Documents / Resources

JAR SYSTEMS **Quick-Sense USB-C Charging Retrofit for Bretford Cube Cart** REBBCU32 Installation and User Guide Version A JAR-Systems.com/Support	**JAR SYSTEMS REBBCU32 USB-C Charging Retrofit for Cube Cart** [pdf] User Guide REBBCU32, REBBCU32 USB-C Charging Retrofit for Cube Cart, USB-C Charging Retrofit for Cube Cart, Charging Retrofit for Cube Cart, Retrofit for Cube Cart, Cube Cart, Cart

References

- **User Manual**