

PowerHub Pro | TA-7545US



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Products Covered By This Installation Guide

PowerHub Pro takes the PowerHub range to a new level. The use of the latest GaN technology enables USB charging across 3 outlets up to an amazing 50 watts combined with 2 tamper resistant AC outlets.

Key Features

- Provides guests with 2 easy-to-find electrical outlets and 3 USB charge ports.
- Designed for installing flush into furniture, millwork, or case goods.
- Fast-charging USB ports support a wide range of portable devices including laptops, tablets and smartphones.
- A passthrough US 3-pin plug means you don't lose a precious mains outlet in your guest room.
- UL Certified to UL962A, UL498 and UL1310.
- Engineered for safety with US TR (tamper-resistant) receptacles and USB over current/voltage/temperature and short circuit protection.

PowerHub Pro Part Numbers

TA-7545US-USN2	Black PowerHub Pro US, integrated 2m rear power cable.
TA-7545US-USN3	Black PowerHub Pro US, integrated 3m rear power cable.
TA-7545US-WN2	White PowerHub Pro US, integrated 2m rear power cable.
TA-7545US-WN3	White PowerHub Pro US, integrated 3m rear power cable.

Specifications

Input: Integrated cable (2m or 3m depending on model) with passthrough US 3-pin plug. Requires 1 x US NEMA 5-15R outlet (125V/15A).

Outputs: 2 x US 3-pin, tamper-resistant AC outlets, 10A max. shared.
3 USB Ports (2 x USB-C, 1 x USB-A) total 50W max.

One port charging:	USB-C1	PD3.0: 5V3A/9V3A/15V3A/20V2.25A, 45W, or
	USB-C2	PD3.0: 5V3A/9V3A/15V3A/20V2.25A, 45W, or
	USB-A	5V2.4A, 12W.

Two ports charging:	USB-C1	PD3.0: 5V3A/9V3A/15V2A/20V1.5A, 30W, and
	USB-C2	PD3.0: 5V3A/9V2.22A, 20W, or
	USB-A	5V2.4A, 12W, or
	USB-C2	5V3.4A, 17W.
	USB-A	

Three ports charging:	USB-C1	PD3.0: 5V3A/9V3A/15V2A/20V1.5A, 30W, and
	USB-C2	5V3.4A, 17W.
	USB-A	

Safety: USB over current/voltage/temperature and short circuit protection.
UL Certified to UL962A, UL498, UL1310. FCC Part 15b.

Important Safety Instructions

Read these instructions carefully before attempting any installation. Follow all instructions and heed all warnings. These instructions should be kept for future reference.

- This equipment must be securely attached to furniture in strict accordance with these installation instructions.
- This equipment is designed for indoor use only.
- Only use with attachments and accessories as specified by the manufacturer.
- The mains plug used to disconnect this equipment from its power source must be readily accessible at all times.
- Ensure the power cord is uncoiled before installation.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the equipment.
- The power cord must be plugged into a mains socket outlet with protective earthing.
- Clean only with a dry cloth.
- Refer all servicing to qualified service personnel. Servicing is required when the equipment has been damaged in any way, for example if the power supply plug or cord is damaged, liquid has been spilled or objects have fallen into the equipment, the equipment has been exposed to rain or moisture, does not operate normally or has been dropped or damaged.
- Unplug this equipment during lightning storms or when unused for long periods of time.
- Do NOT defeat the safety purpose of the grounded plug. If the provided plug does not fit into your outlet consult a qualified electrician to replace the obsolete outlet.
- Do NOT install or use this equipment near water.
- Do NOT expose this apparatus to rain or moisture.
- Do NOT expose to dripping or splashing. No objects filled with liquid such as vases shall be placed on the equipment.
- Do NOT install near any heat sources such as radiators, convection heaters or other apparatus such as amplifiers that produce heat.
- Do NOT exceed the maximum load of 10 amps.

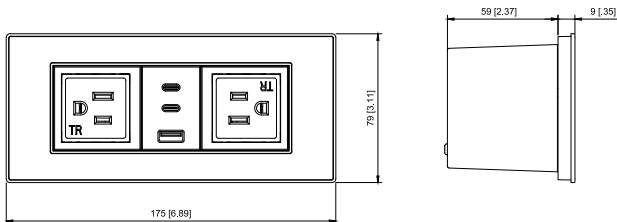
Approval Information

UL Certified to UL962A, UL498, UL1310. FCC Part 15b.

What Is Included In The Box

- 1 x PowerHub Pro US variant with integrated cabling and duplex US plug.
- 1 x Black or white trim.
- 1 x Black or white trim with brushed metal finish insert.
- 4 x Wood fixing screws.
- 1 x Installation Guide.

Dimensions



Preparation For Installation

The PowerHub Pro is designed to be installed in furniture. Ensure the location chosen for the equipment complies with the requirements of the "Important Safety Instructions". A cutout will need to be made in the furniture. Other than this the only tools you will need are a medium sized cross head screwdriver.

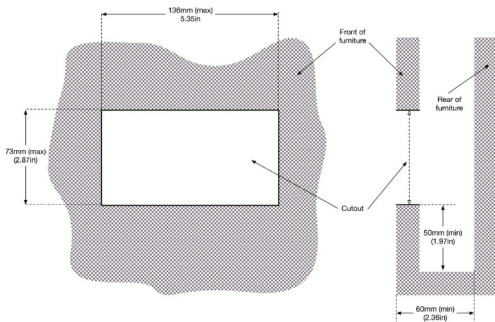
The PowerHub Pro US requires power from a standard 3-pin US 120V outlet.

Installation

Before starting installation make sure you have read and understood the "Important Safety instructions". Choose a trim and make sure you have the 4 wood screws and PowerHub Pro body on hand.

Step 1

Confirm the furniture cutout dimension to accommodate the PowerHub Pro is within the limits shown below. Note that in addition to the minimum depth requirement of 60mm (2.36in) there should also be at least 50mm (1.97in) clearance below the unit to allow cabling to exit cleanly.



Step 2

Remove the PowerHub Pro, trims and screws from the box.

Step 3

Thread the rear power cable through the cutout in the furniture.

Step 4

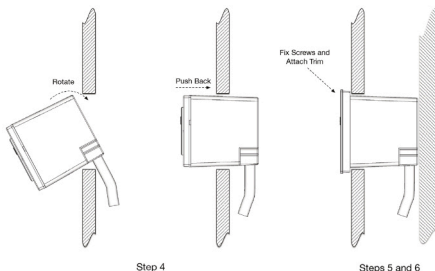
Lean the PowerHub Pro on the bottom of the cutout in the furniture and push it into the cutout by rotating it slightly

Step 5

Fasten the 4 cross head screws to fix the PowerHub in the furniture.

Step 6

Align the selected trim (black or metallic) with the PowerHub Pro ensuring that the 2 small cutouts on the trim are on the bottom. Press firmly and evenly to clip the trim into place.



Step 7

Finally insert the plug on the end of the rear power cable into an appropriate mains outlet.

Installation is now complete.

Additional Information

USB Charging

The PowerHub Pro provides 1 USB-A and 2 USB-C charging ports on the front.

The USB-A port is designed for charging smartphones or tablets.

The USB-C ports can charge smartphones, tablets and laptops that support USB-C. If using multiple ports simultaneously then the top USB-C port will deliver the most power for charging laptops and tablets.

In all cases the combined power output will not exceed 50 watts. See Specifications for full details.

Removing the PowerHub Pro from Furniture

If you need to remove the equipment for any reason, first ensure the equipment is disconnected from the mains power source.

1. Unplug the PowerHub Pro from the mains supply.
2. Use a medium flat blade screwdriver to release 2 clips on the bottom of the trim.
3. The trim can now be gently removed by hand. Be careful not to bend the trim excessively or it may deform or break.
4. Unscrew the 4 cross head screws and carefully withdraw the unit from the furniture being careful not to damage any cables.

Warranty

Please see TeleAdapt *General Sales Terms*¹.

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¹ Available at <https://www.teleadapt.com/pages/legal>



Visit our website at: www.teleadapt.com

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Specifications subject to change without notice.