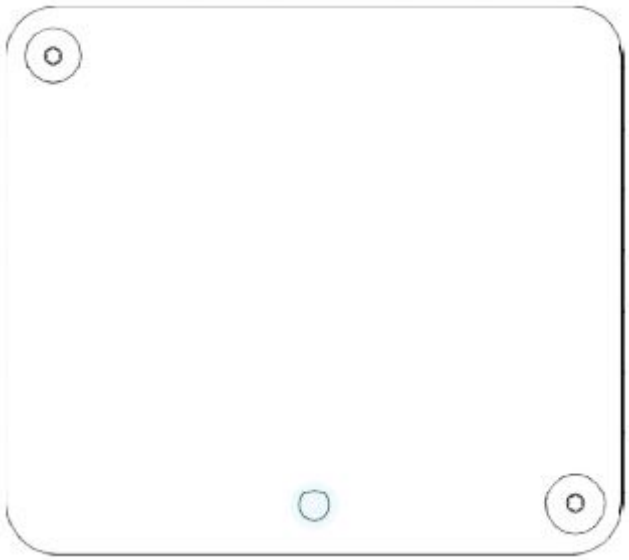

Latch Systems HB2 Hub Installation Guide

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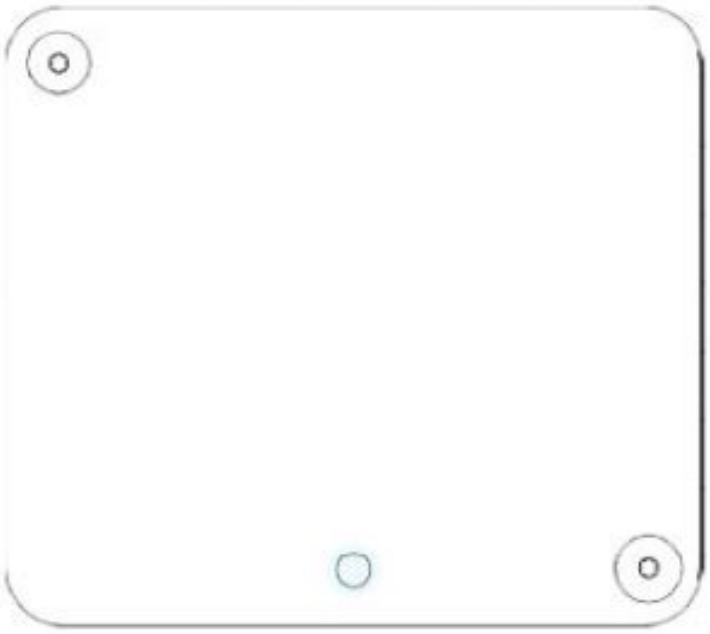
Latch Systems HB2 Hub Installation Guide



Things you should know

- For in-unit install, place the hub near the media panel.
- Configuration requires the iOS Manager App running on an iPhone 5S or newer.
- More resources, including the electronic version of this guide, can be found online at support.latch.com

Included in the Box

Mounting Hardware

- Pan-head screws
- Anchors
- Cable ties

Product

- Latch Hub
- Mounting Plate Wire Grommet Cover

Not Included in the Box

Mounting Tools

- #2 Phillips head screwdriver

- T25 Torx screwdriver
- 1/4″ drill bit

Requirements for Device

- 64 bit iOS device
- Latest version of the Latch Manager App

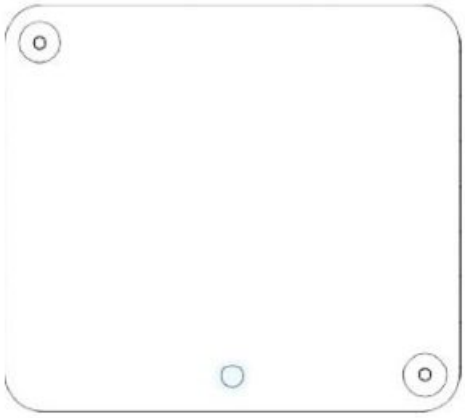
Sold Separately

- Power adapter
- Power adapter extension
- RJ45 Cat5 patch cable

Product Details

Details and recommendations for power, wiring, and product specifications.

LED (Light) Definitions



Solid White – Online and connected

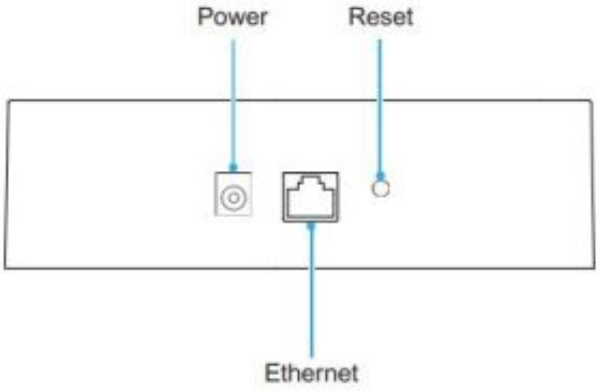
Flashing White – Booting up, connecting, or pairing

Fast Flashing White – Firmware updating

Solid Red – Cannot connect to Latch servers

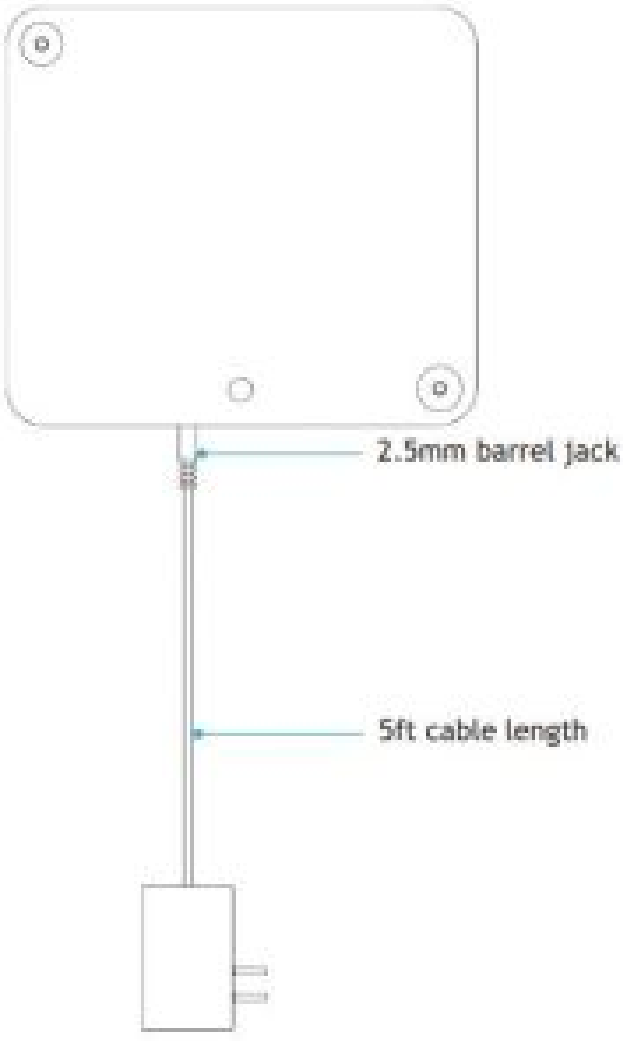
No Light – Power off or battery out

1/0 Port Definitions



Wiring

DC Power Adapter



Requirements

Input voltage: 90-264 VAC

Input frequency: 47-63 Hz

Output voltage: 12 VDC +/- 5%

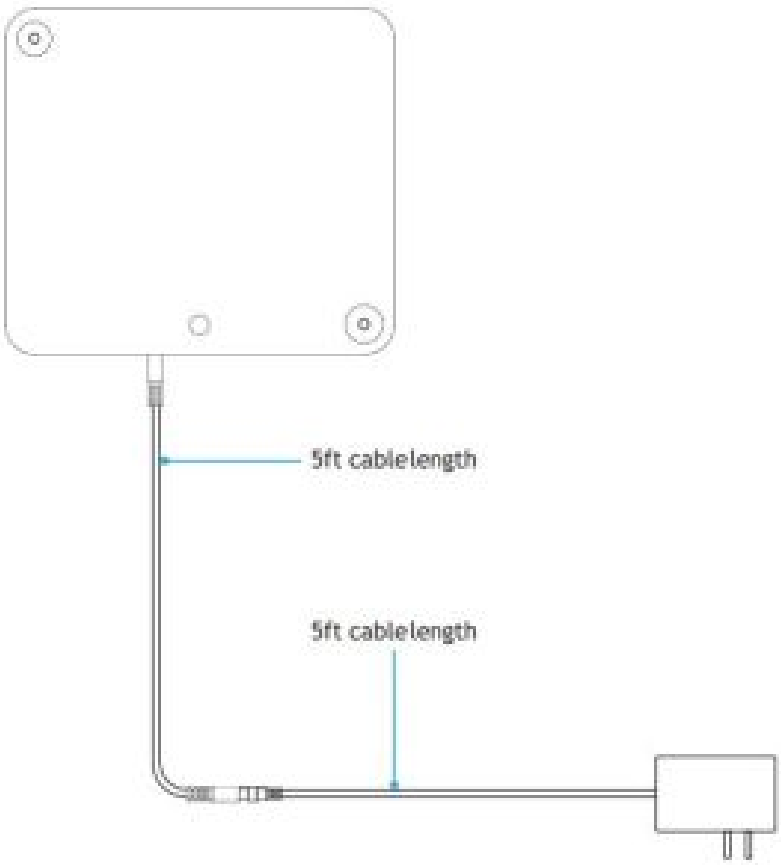
Max load: 2 AMPS

Min load: 0 AMPS

Load regulation: +/- 5%

Note: Do not splice DC power adapter

Optional Cable Extension

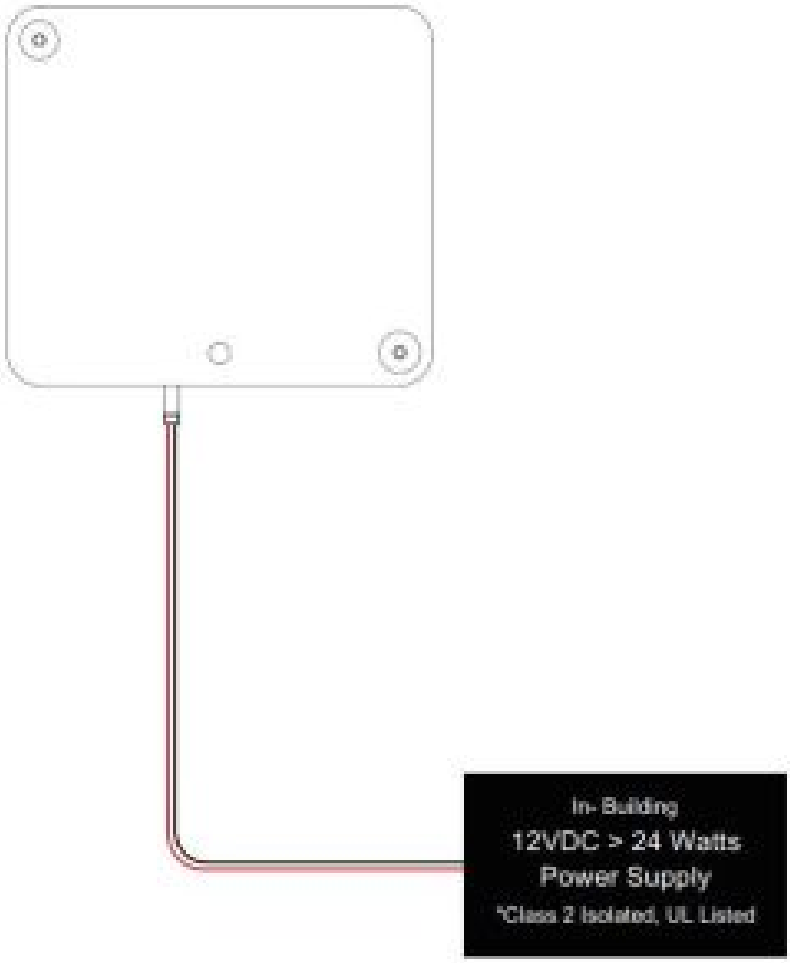


Sold Separately.

Note: If the DC power adapter (5ft) is not long enough for installation, an additional 5ft extension cable can be used.

Only one extension per hub is supported.

Low Voltage 2 Wire Power



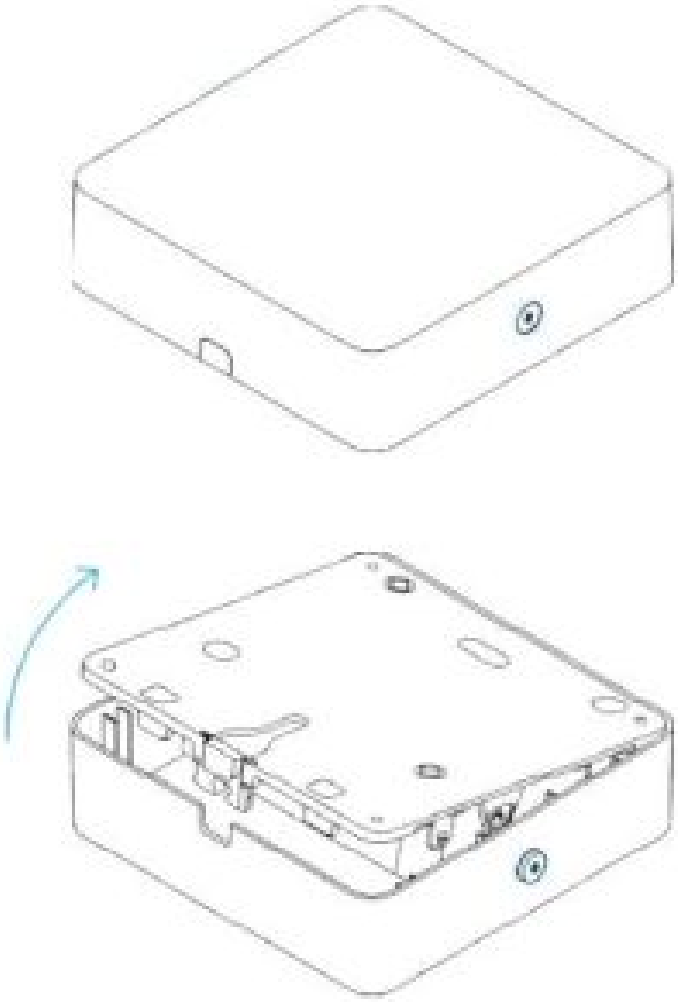
Minimum Wire Gauge Per Length of Wire Run

Distance	< 25ft	< 50ft	< 100ft	< 200ft
Power (12v)	24 AWG	22 AWG	18 AWG	14 AWG

Installation

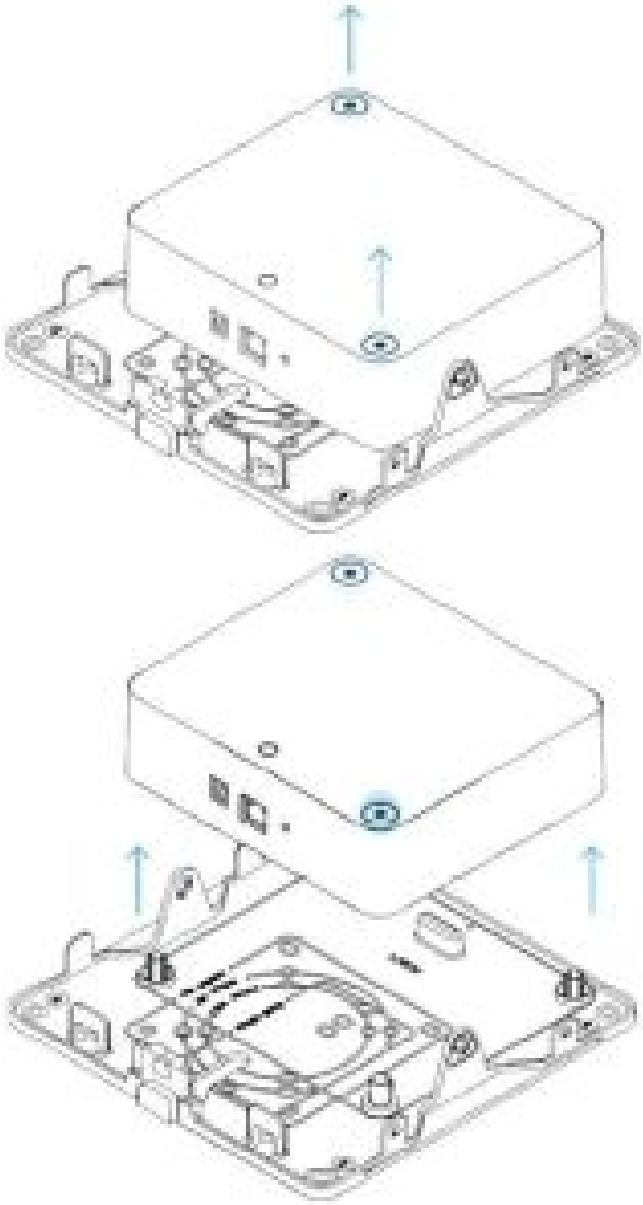
Follow these steps to proceed with installation.

1.



Rotate Torx screws in outer Cover counter-clockwise to unlock. Separate the outer Cover from the Mounting Plate using the opening on the underside.

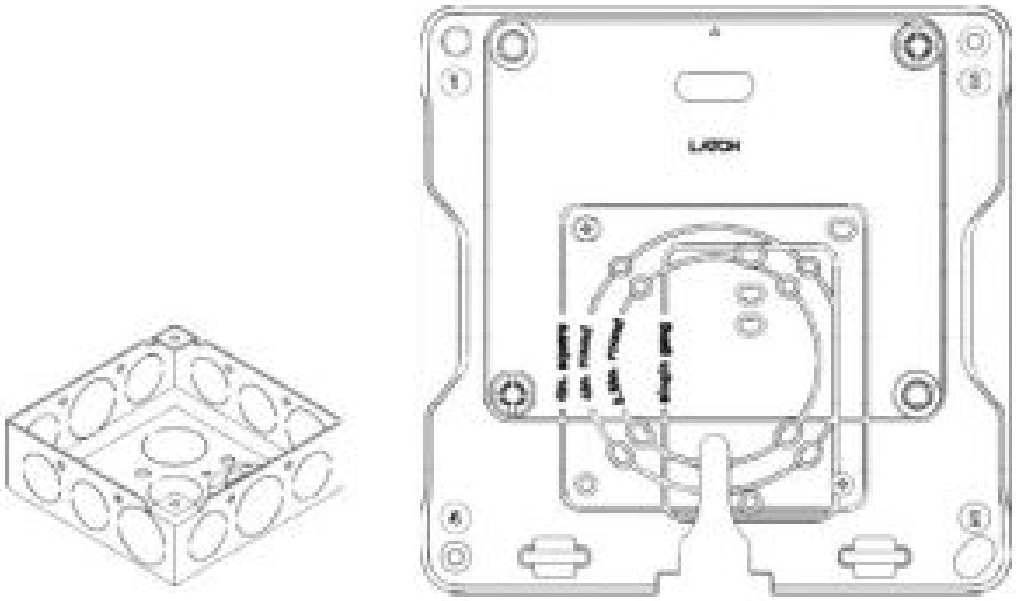
Note: Do not use a power tool or excessive force on the Torx screws-over torquing could cause damage.



Rotate Torx screws in Hub counter-clockwise to unlock. Remove the Hub from the Mounting Plate.

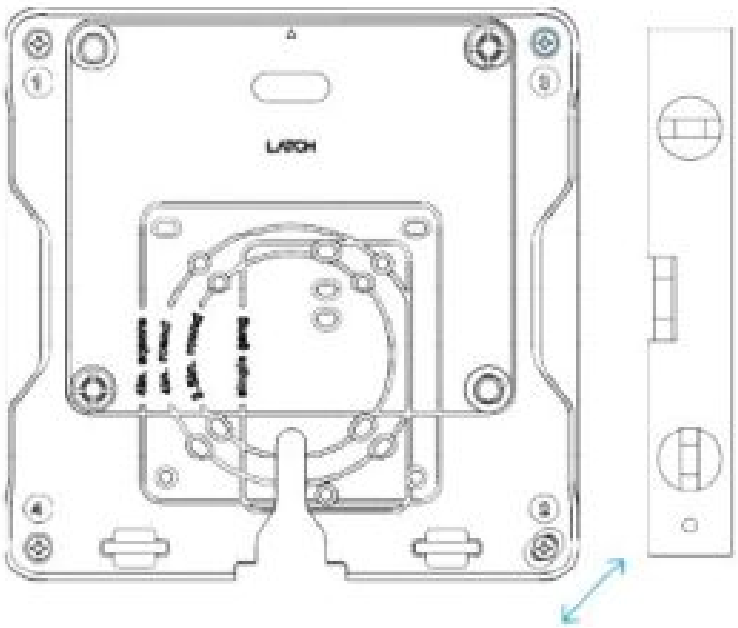
2.

Attaching to junction box



Install Mounting Plate. Attach to junction box or attach to wall or ceiling.

Attaching to wall or ceiling



Note: Pass cables through opening before attaching Mounting Plate to junction box.

Documents / Resources

	Latch Systems HB2 Hub [pdf] Installation Guide HB2, 2AK5B-HB2, 2AK5BHB2, HB2 Hub, Hub

Manuals+,