akubela

Installation Guide

For HyPanel Elite 10

Smater Home
Sweeter Life

Welcome!

This guide applies to PH59-PoE model of HyPanel Elite 10.

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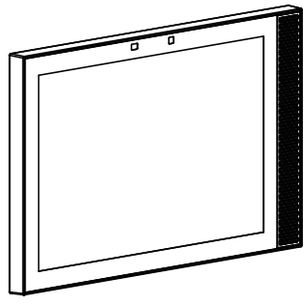
Before We Start

Your first time installing this product may take up to 40 minutes.
You'll get faster after each installation.

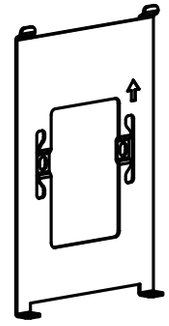
Warning

Keep the device and all its parts out of the reach of children. The small parts or accessories contained may be a choking hazard to them.

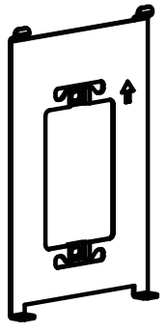
In the Box



HyPanel Elite 10 **x1**

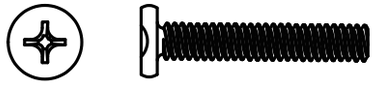


Wall-Mount Backplate
(EU Version) **x1**

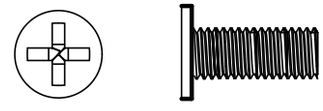


Wall-Mount Backplate
(US Version) **x1**

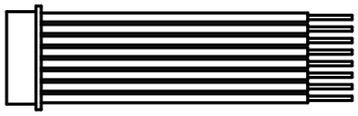
Foam (For EU Version
Backplate) **x1**



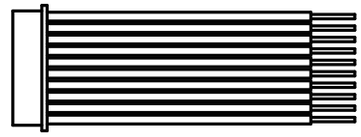
M4x20mm Phillips
Machine Screw **x2**



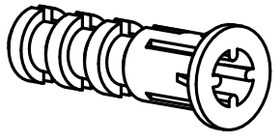
M2x4mm Phillips
Machine Screw **x2**



8-Pin Cable **x1**

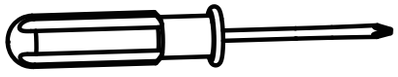


10-Pin Cable **x1**

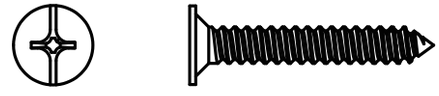


Drywall Anchor **x2**

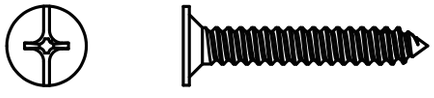
Rectifier Diode **x1**



Phillips Screwdriver **x1**



ST4x20mm Phillips Self Tapping Screw **x2**

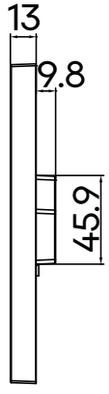


ST3x20mm Phillips Self Tapping Screw **x2**

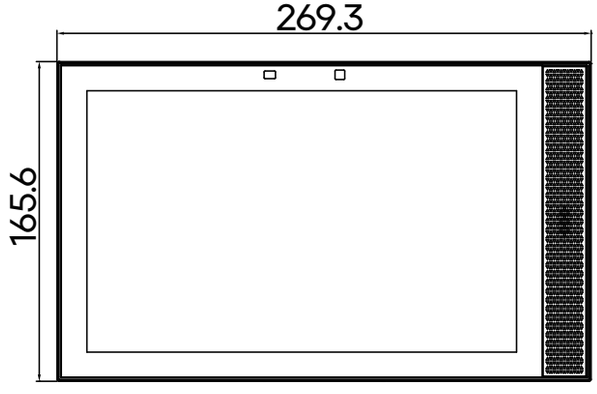
Check Compatibility

Product Dimensions(mm)

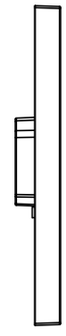
5 BOTTOM VIEW



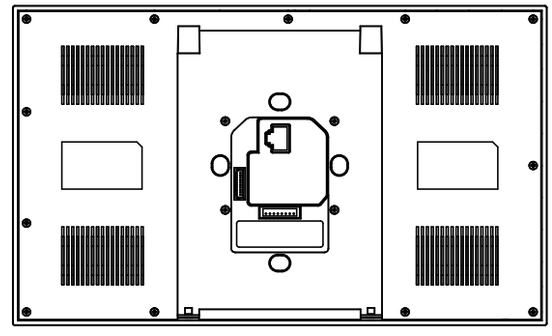
2 RIGHT VIEW



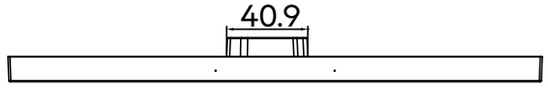
1 FRONT VIEW



3 LEFT VIEW



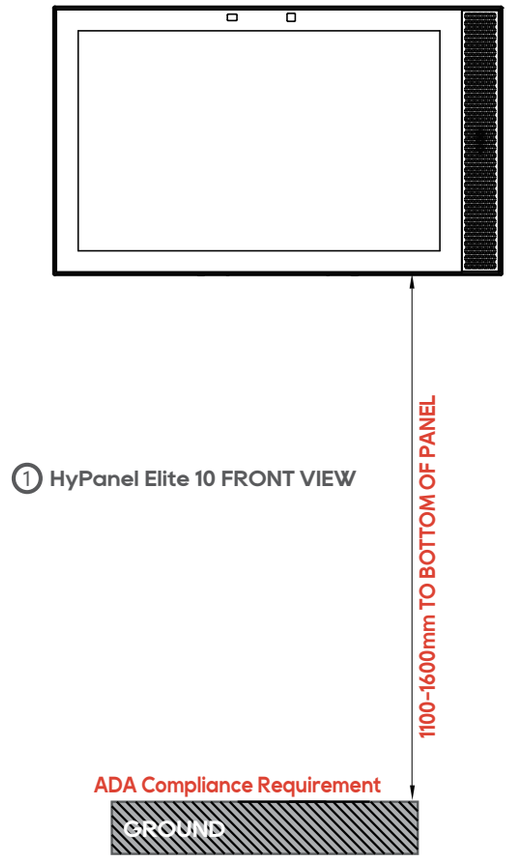
4 BACK VIEW



6 TOP VIEW

Working Space

Make sure the HyPanel Elite 10 is compatible with the location where you want to install it.



Powered by PoE or 12VDC

HyPanel Elite 10 can be powered via IEEE 802.3af PoE or a 12 VDC power supply.

Relay Output Requirements

HyPanel Elite 10 features a 1-gang relay output supporting 0–30 VDC with a rated current of 2A.

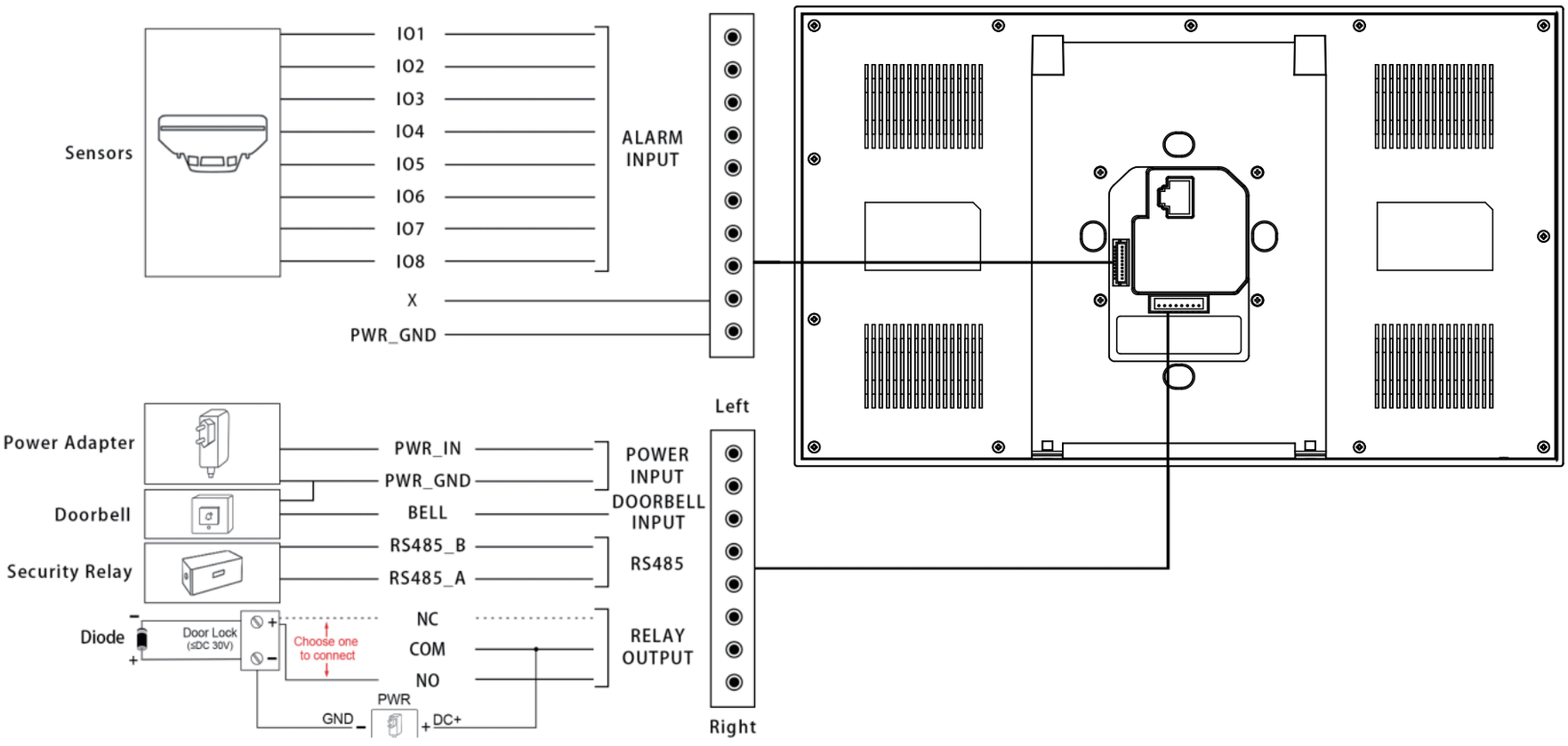
Support Bluetooth 5.4

HyPanel Elite 10 supports Bluetooth 5.4 for reliable connectivity.

Support Wi-Fi 6 and Ethernet Connections

HyPanel Elite 10 works with both wired networks and IEEE 802.11a/b/g/n/ac/ax Wi-Fi. A wired connection is recommended for optimal stability and faster data transfer.

Wiring



Power Supply

- **PoE:** Connect an Ethernet cable from a PoE switch to the device's **PoE** port.
- **12V adapter:**
  1. Insert the supplied 8-pin cable.
  2. Connect the 12V DC adapter wires to the **PWR_IN** and **PWR_GND** terminals.

Wired Network Connection

Plug the RJ45 network cable into the Ethernet port.

Doorbell Connection

1. Insert the supplied 8-pin cable.
2. Connect doorbell wires to the **BELL** and **Power_GND** terminals.

RS485 Device Connection

1. Insert the supplied 8-pin cable.
2. Connect RS485 device wires to the **RS485_A** and **RS485_B** terminals.

Relay Output Connection

1. Insert the supplied 8-pin cable.
2. Connect the negative wire to **COM**. If external power is needed, connect it accordingly.
3. Connect the positive wire to **NO** or **NC**, depending on the default contact

NOTE: When connecting an electric strike, it is strongly recommended to add a rectifier diode to protect the circuit.

Input Connection

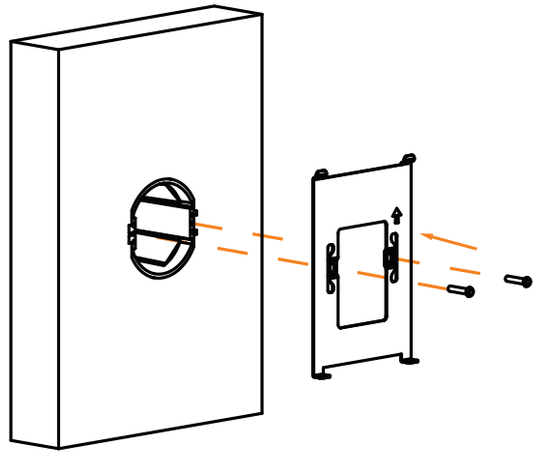
1. Insert the supplied 10-pin cable.
2. Connect input device wires to the **IO** and **PWR_GND** terminals.

Installation

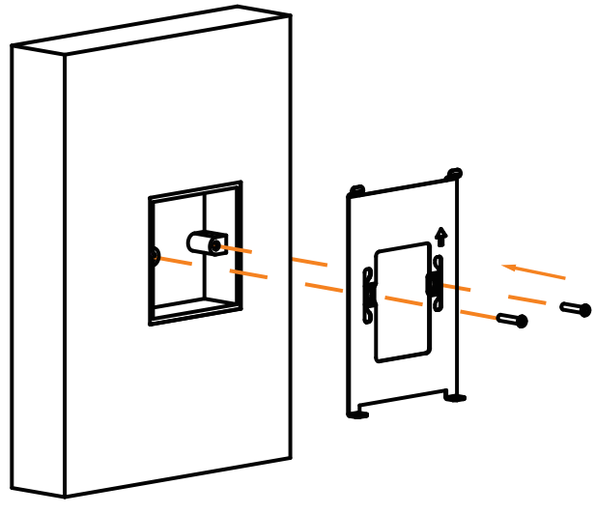
1 Install Wall-Mount Backplate

With an Electrical Box

a. EU Standard Electrical Box



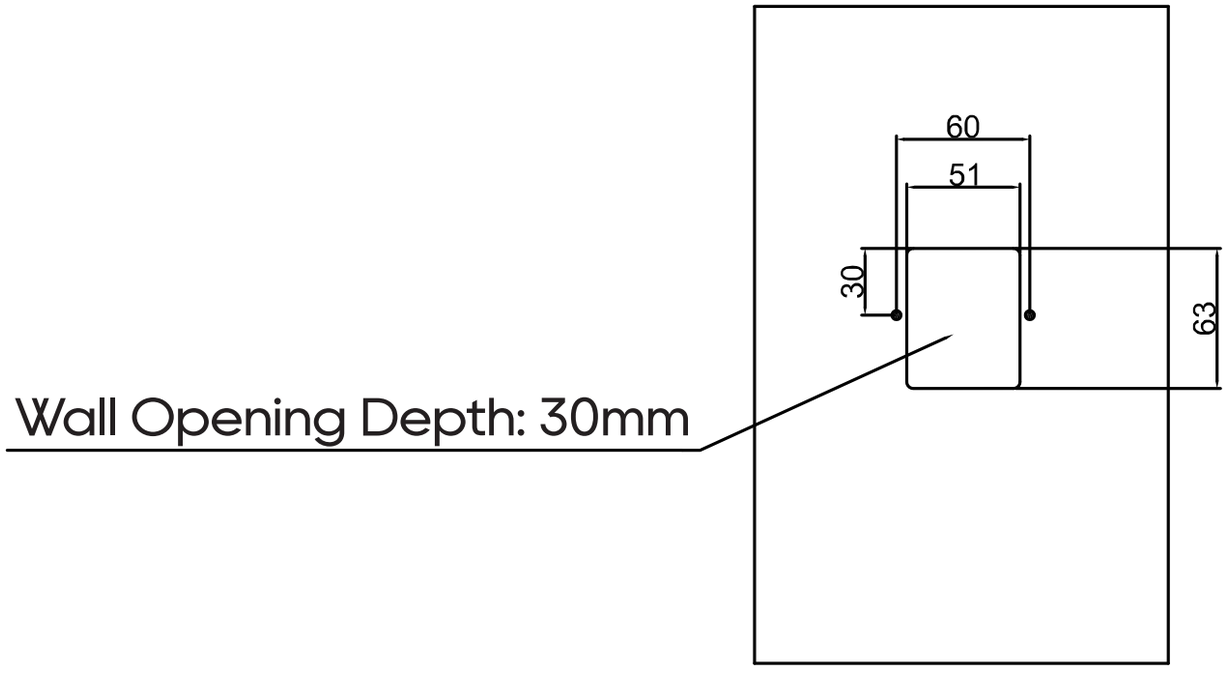
b. CN Standard Electrical Box



1. Attach the wall-mount backplate to the electrical box using the supplied screws:
- US standard: Use two #6-32x31.5 screws.
- EU standard: Use two ST3x20 screws.
- CN standard: Use two M4x20 screws
2. Ensure the backplate is level and flush against the wall.

Without Electrical Box

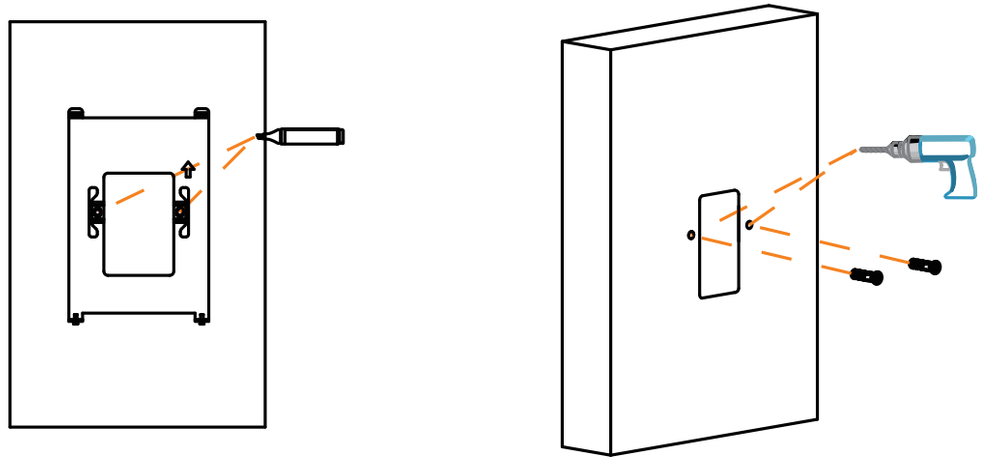
a. Cut an Opening



Cut a wall opening measuring 63mm (L) x 51mm (W) x 30mm (D).

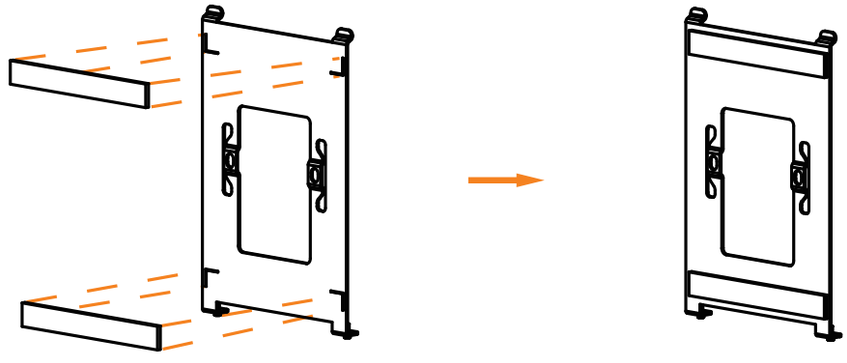
NOTE: Ensure the opening is not too wide, leaving enough wall surface to drill the two mounting holes(60mm apart) and insert the drywall anchors.

b. Drill Mounting Holes



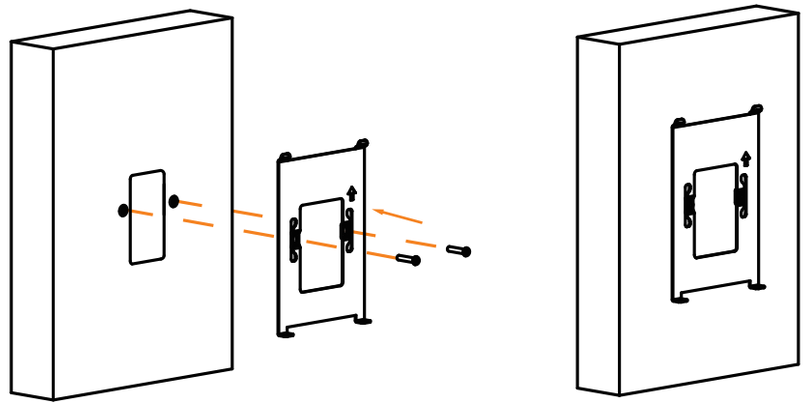
1. Hold the backplate firmly against the wall and mark the drilling points in the center of the holes.
2. Remove the backplate and drill two holes at the marked points with a 6 mm drill bit.
3. Insert the supplied drywall anchors until they are flush with the wall surface.

c. Attach the Foams



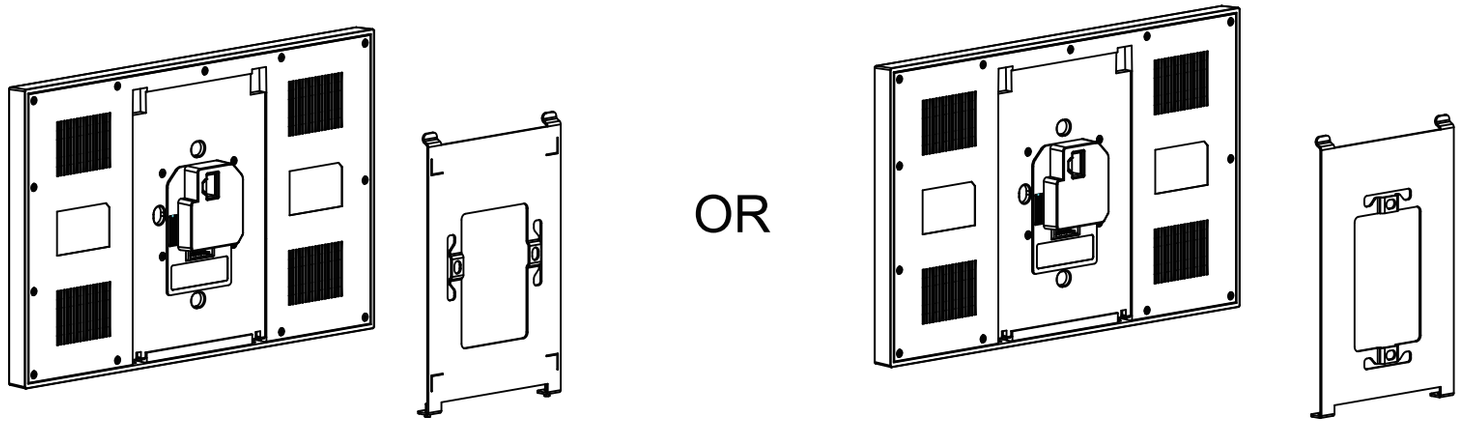
Stick two foam pieces onto the designated positions on the back of the backplate.

d. Install Wall-Mount Backplate

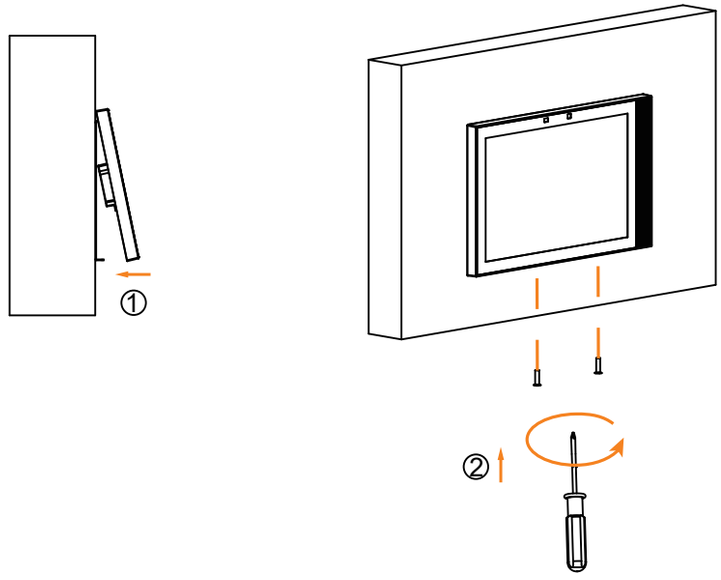


1. Secure the wall-mount backplate using two ST4x20 screws.
2. Ensure it is level and flush against the wall.

2 Attach the Panel

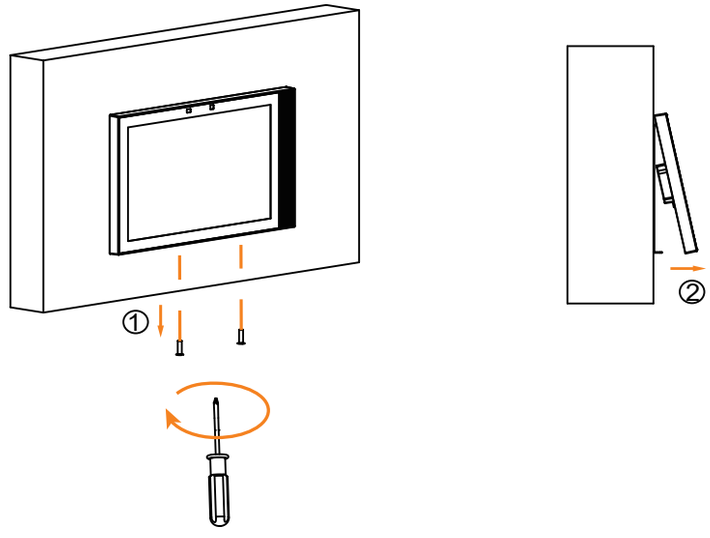


1. Tilt the panel 15° and align its notches with the two clips on the backplate.



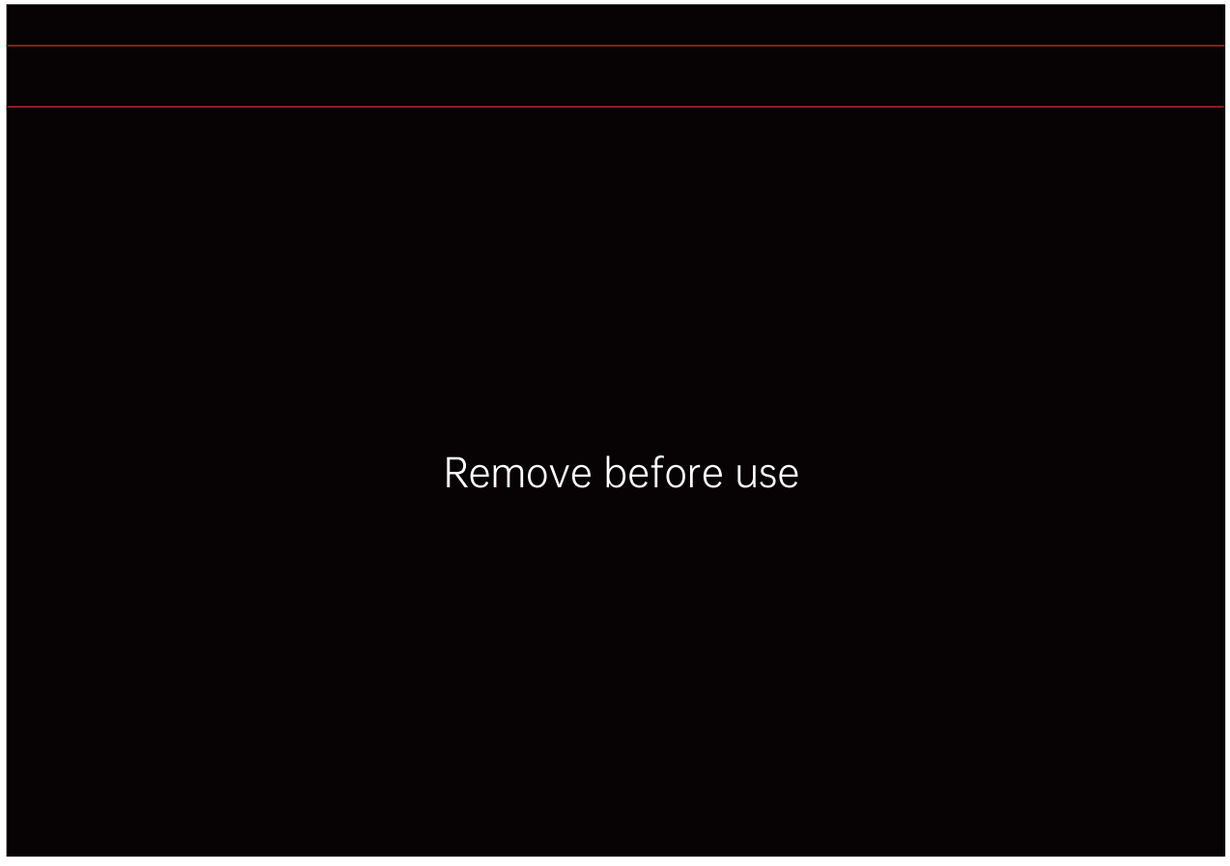
2. Press the panel onto the backplate to snap it in place.
3. Secure with two M2x4 screws using the Phillips screwdriver.
4. Ensure the panel is firmly mounted.

If you want to remove the panel



1. Use the Phillips screwdriver to remove the two M2x4 screws at the bottom.
2. Tilt the panel 15° and lift it off the backplate.

After installation, if users do not move in right away, cover the panel with the dust cover. Fold it along the creases and insert it between the panel and the wall to keep out dust.



Congratulations!

You are done with the HyPanel Elite 10 installation!

Start your smart home journey with akubela now!

Get Help

For help or more assistance,
email us at: support@akubela.com

For videos, guides, and additional product information,
visit: https://knowledge. akuvox.com

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