

# BEAM INSTALLATION GUIDE



# WHAT'S IN THE BOX

Thank you for purchasing your new BEAM. Here's what's included:

1

**The BEAM system**



2

**Power cord**



3

**The BEAM keyboard**  
for operating the system menus



4

**Remote controller**  
for controlling the projector



5

**Gripple kit**  
for installing BEAM



# BEFORE INSTALLING

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Before starting the installation and setup, please make sure that:

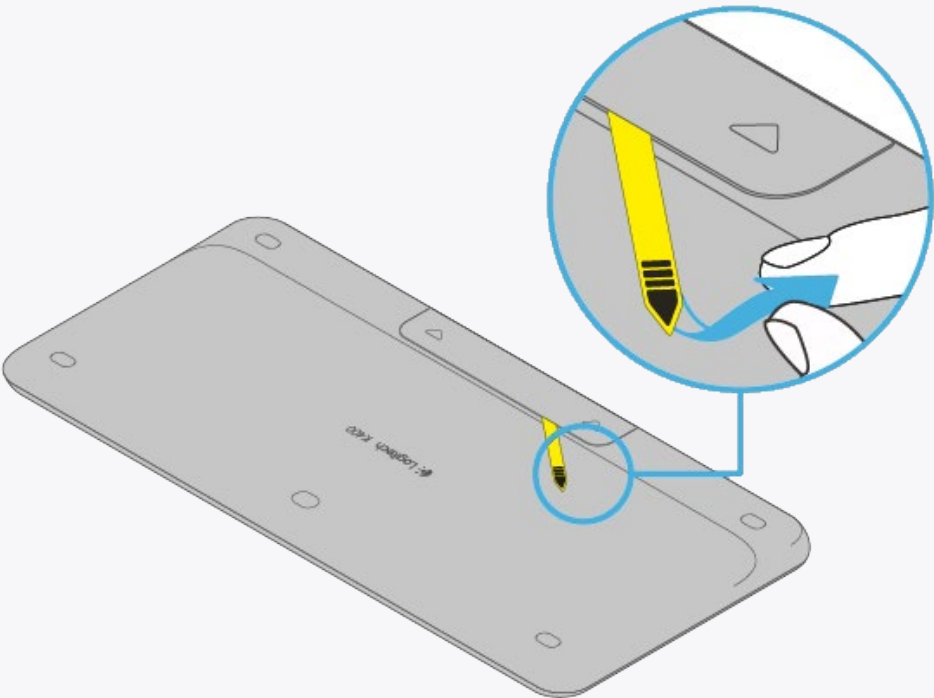
1

Full **batteries** are equipped in both the keyboard and remote controller.



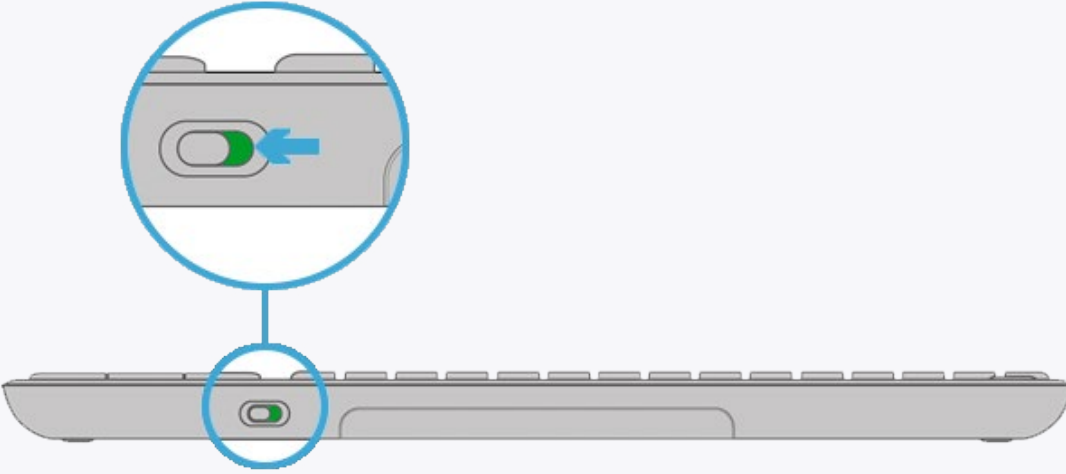
2

The **yellow safety ribbon** is pulled out of the batteries compartment.



3

The keyboard's **toggle** on the is on and its green background is visible.



# BEFORE INSTALLING

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In order to hang your BEAM from the ceiling, please prepare:



4 CONCRETE EYE BOLT ANCHORS



MEASURING TAPE



DRILL



PLIERS



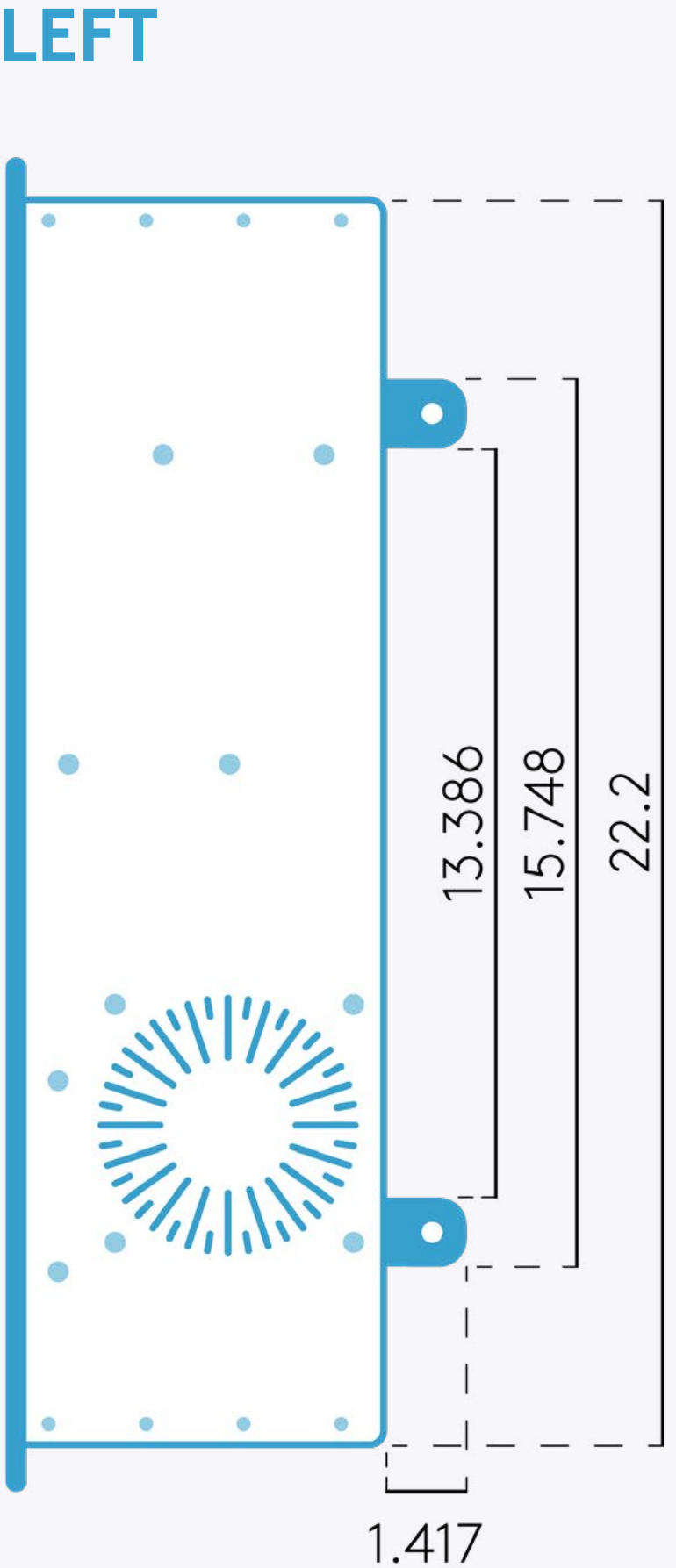
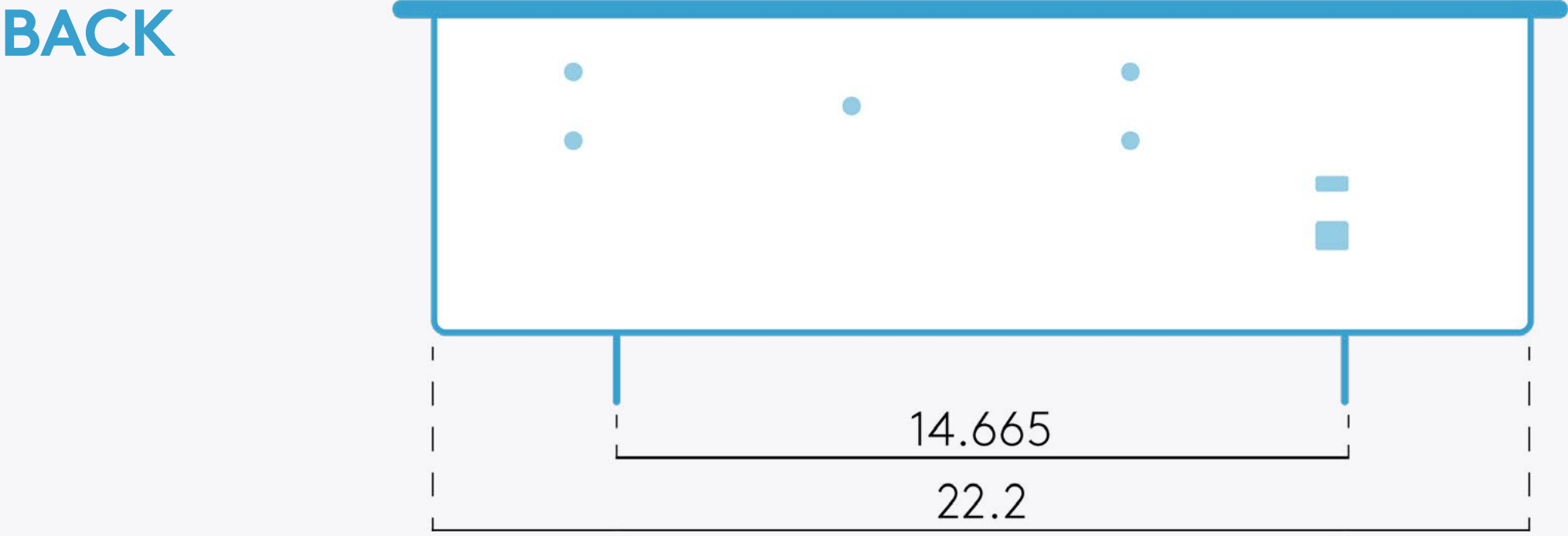
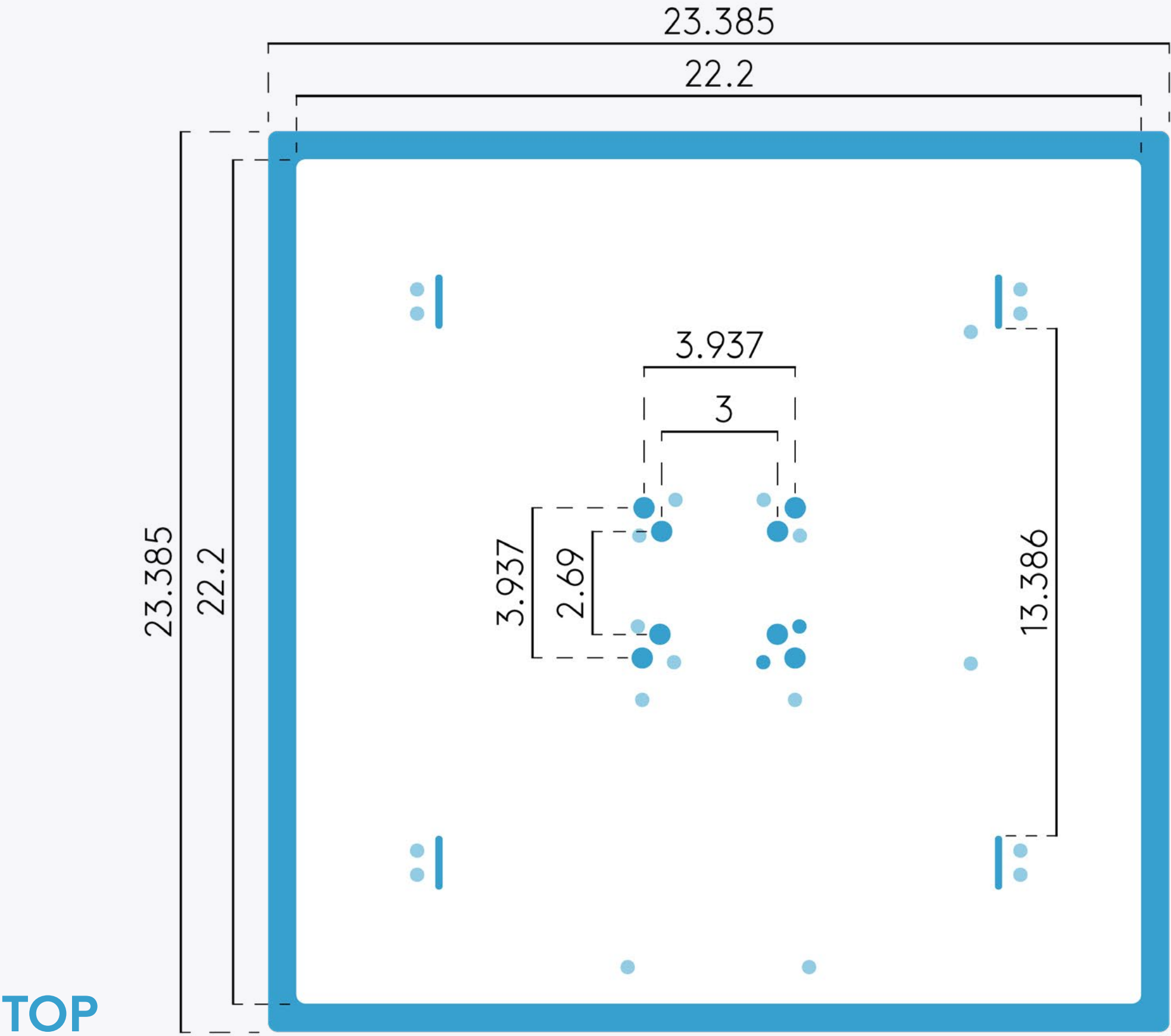
LEVELER

**Note**

An **internet connection** is required to complete the device setup.

# TECHNICAL SPECIFICATIONS

The BEAM device dimentions and measurments in **inches**:



# WHERE TO INSTALL



Use this table to determine if the installation location can accommodate the desired projection size.

All measurements are in **inches**.

PROJECTION SURFACE	MINIMUM ZOOM		MAXIMUM ZOOM	
	Width	Height	Width	Height
Distance from surface to device				
98.5	78.5	49	94	58
106	84	52.5	100.5	62.5
112	88.5	55	106	65.5
118	93	58	111	69
128	100.5	63	120	75
130	107.5	67	128	80
145.5	113	71	135	84
151.5	117.5	73	140	87.5
157.5	122	76	145.5	90.5
161.5	124.5	78	153	92.5
167.5	128.5	80.5	154	95.5

**Note**

Mounting the device more than **96 inches** above the projection surface may produce **false interactions** and **sensor inaccuracies**.

# INSTALLING BEAM

1

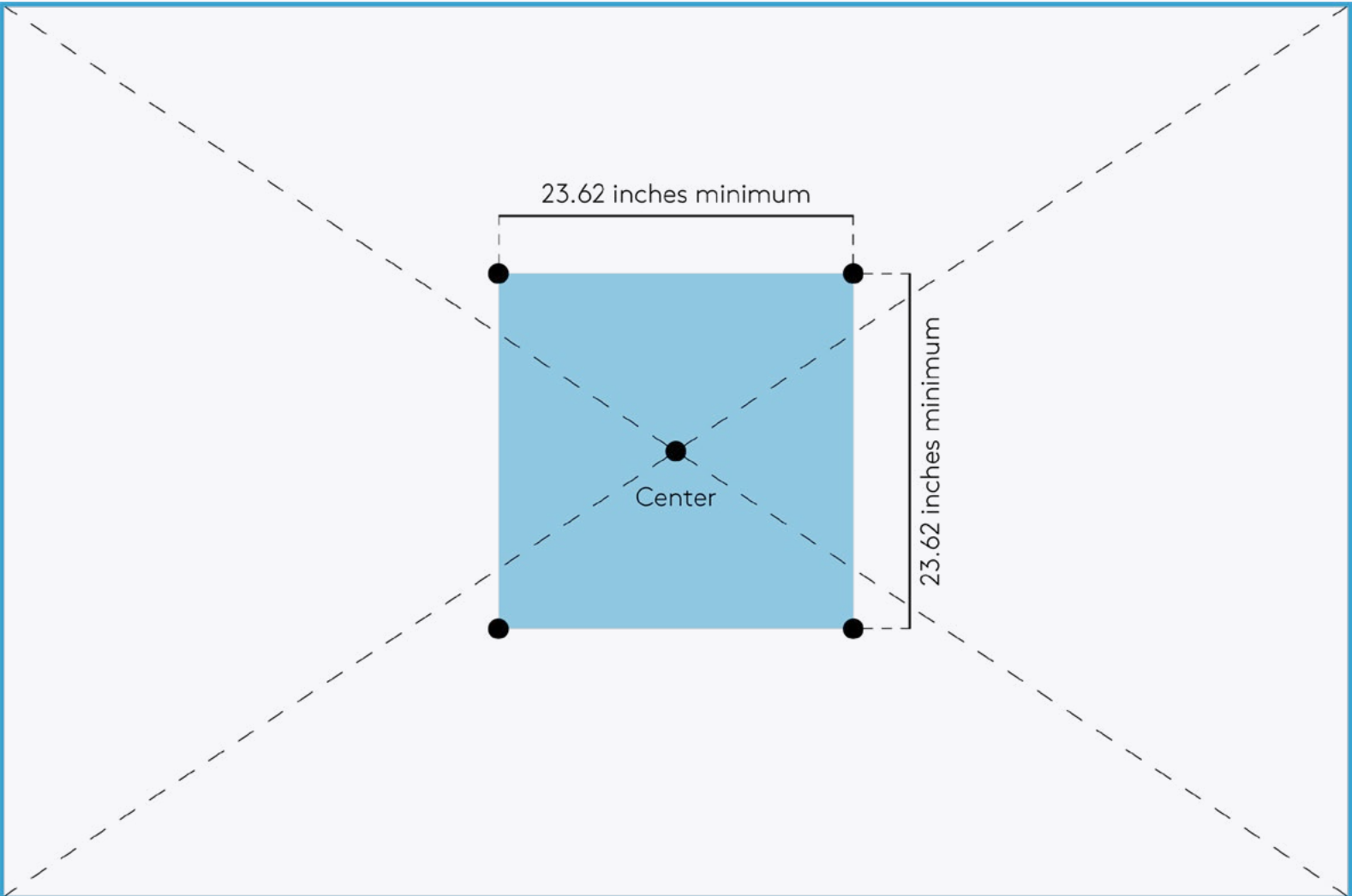
Locate the **center of the projection area** - the device will be installed directly above it. Measure **a square** on the ceiling above the center of the projection area. The square must be at least **23.62 inches** in length & width. **Mark** the square's **corners**.

!

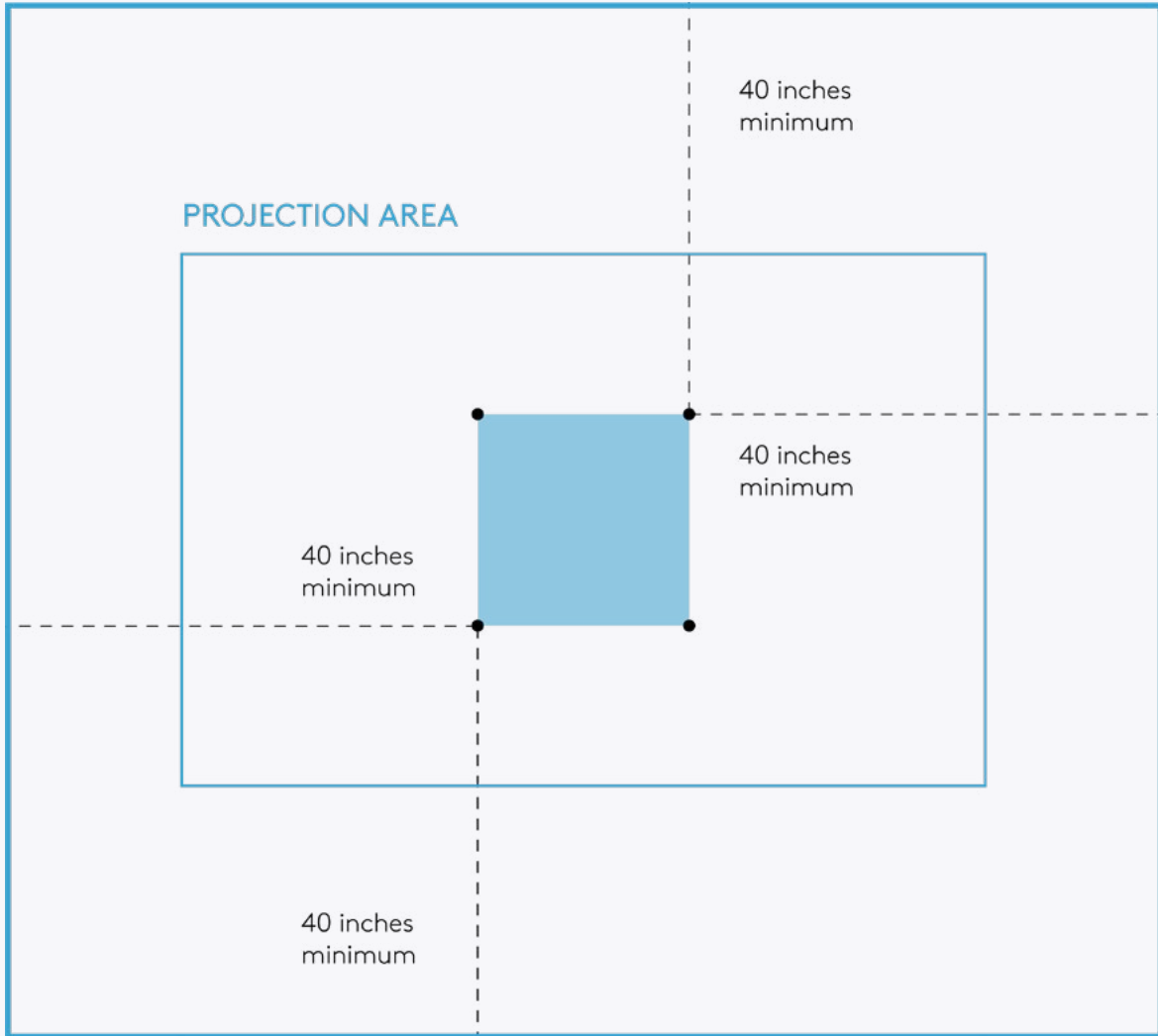
In order to leave sufficient space for the projection area, keep a distance of at least **40 inches** between the **marked square** (where you intend to install the device) and **any nearby walls**.



## PROJECTION AREA



## DISTANCE FROM WALLS



# INSTALLING BEAM

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2

**Drill** holes at of the square's marked corners. Make sure the drilled holes **depth** and **diamater** match the measurments of your **eye bolt anchors**. Insert an **eye bolt anchor** to each one of the drilled holes.

**Fasten** the bolts in place.





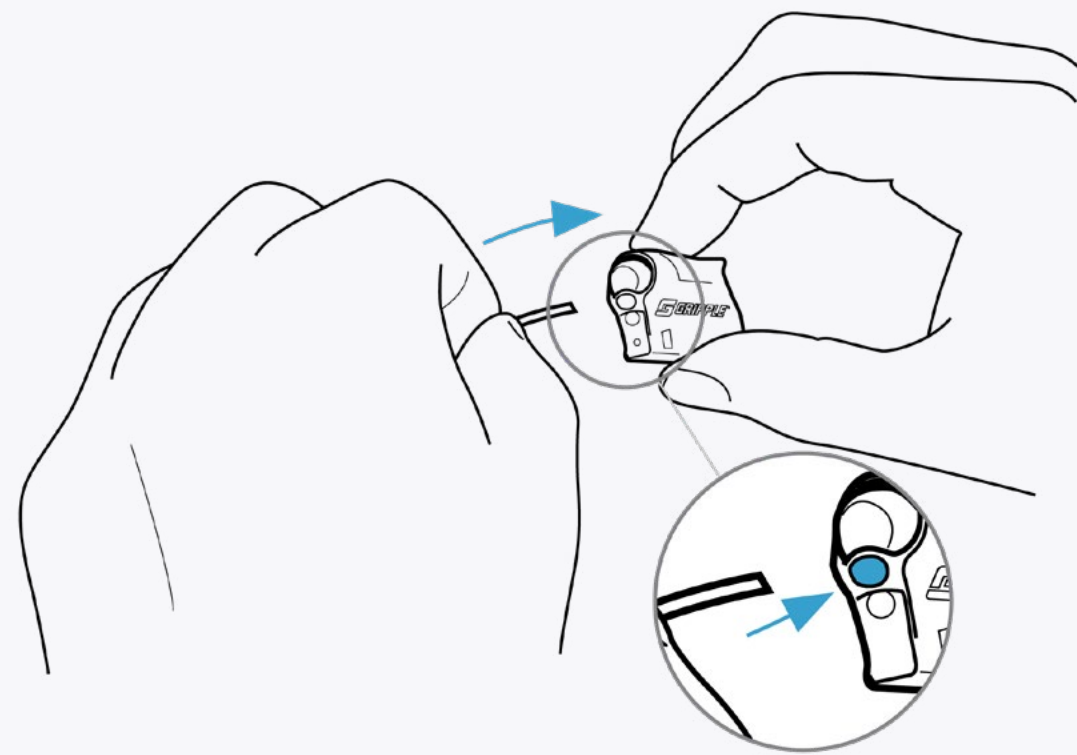
# INSTALLING BEAM

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3

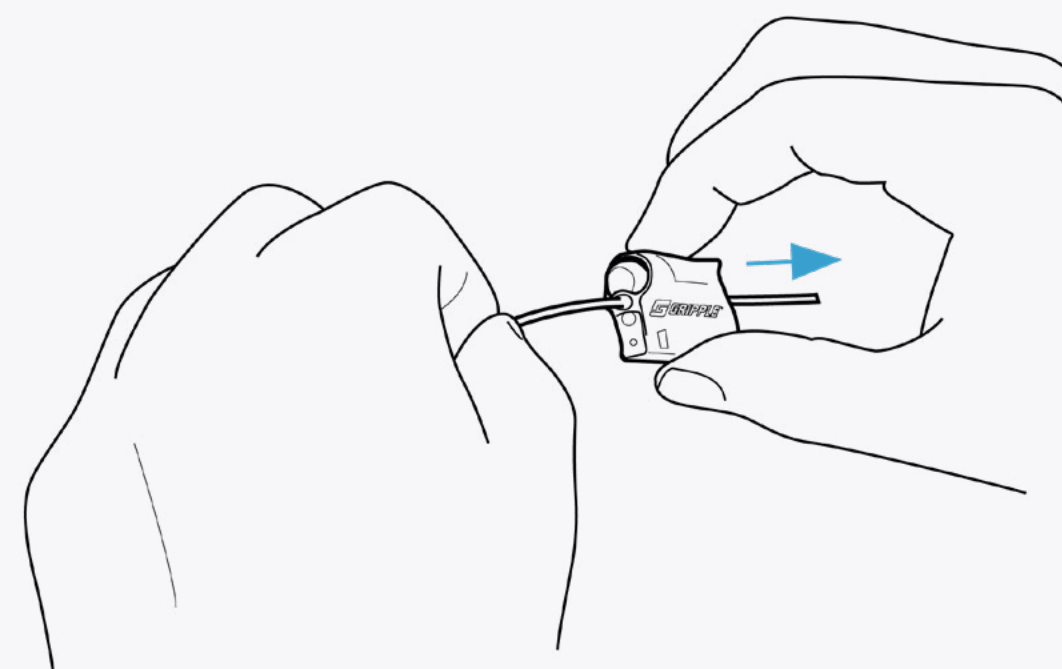
Now take the **Gripple kit**.

Insert the **wire rope** into the **middle hole** of the **express hanger**.



4

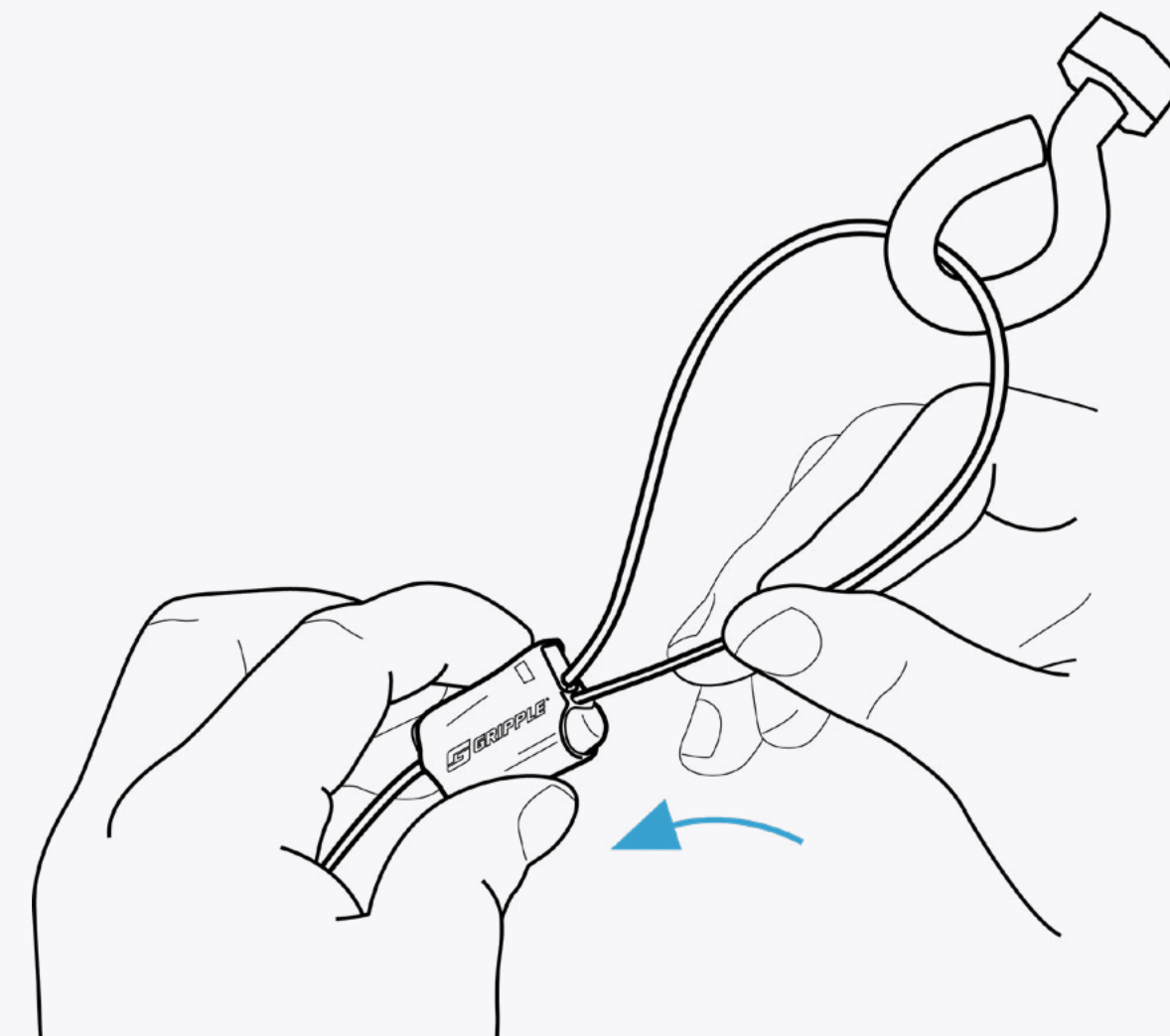
Slide the **express hanger** along the wire rope & stop at the desired hanging length.



5

Then, **insert the wire rope through the eye bolt anchor** and then into the opposite middle hole to pre-form a **loop**.

Do this for all **four** anchor bolts, keeping the wire rope's length the same.

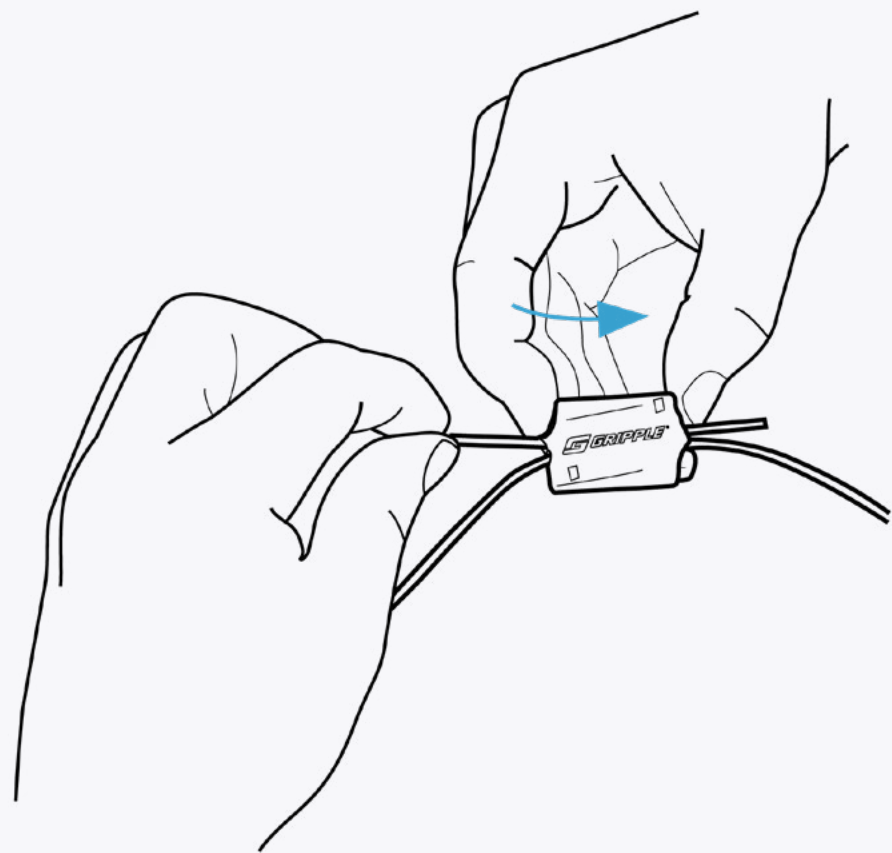


# INSTALLING BEAM

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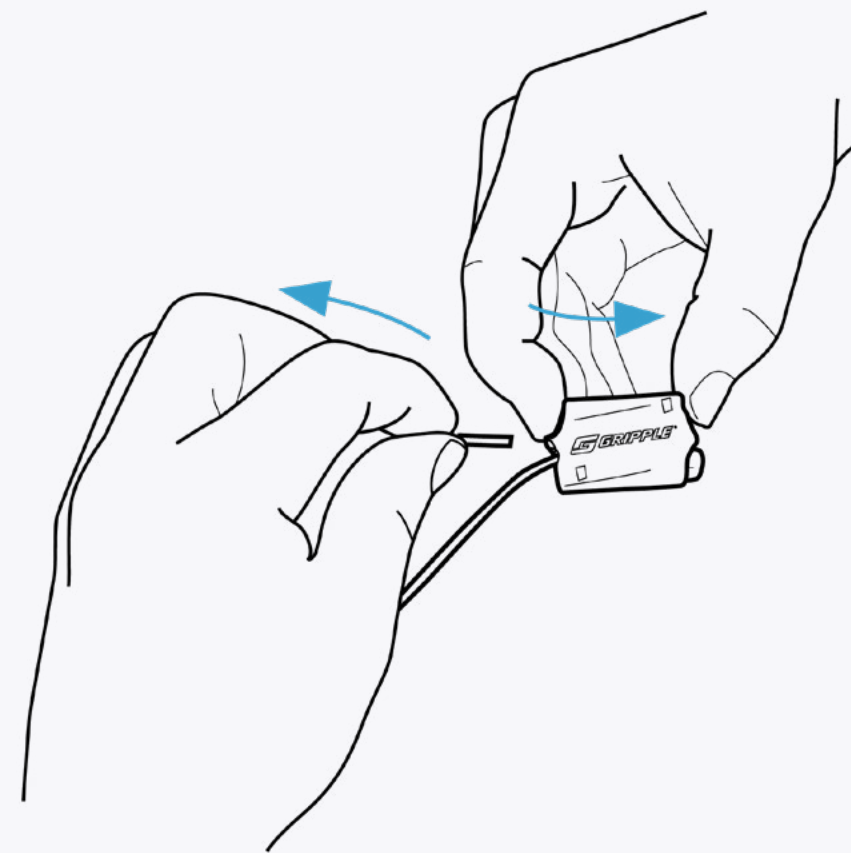
3

To adjust the express hanger's position and the wire rope's length, push the release button next to the wire entrance.



4

While the button is pressed, adjust the wire rope's length. When the desired position is reached, release the button.



**Never** try to **adjust** the **express hanger** while it is carrying **any load**.



**Under no circumstances** should the remaining wire rope be **cut** in any way. Instead, use **zip-ties** to fasten any dangling wire rope.

# INSTALLING BEAM

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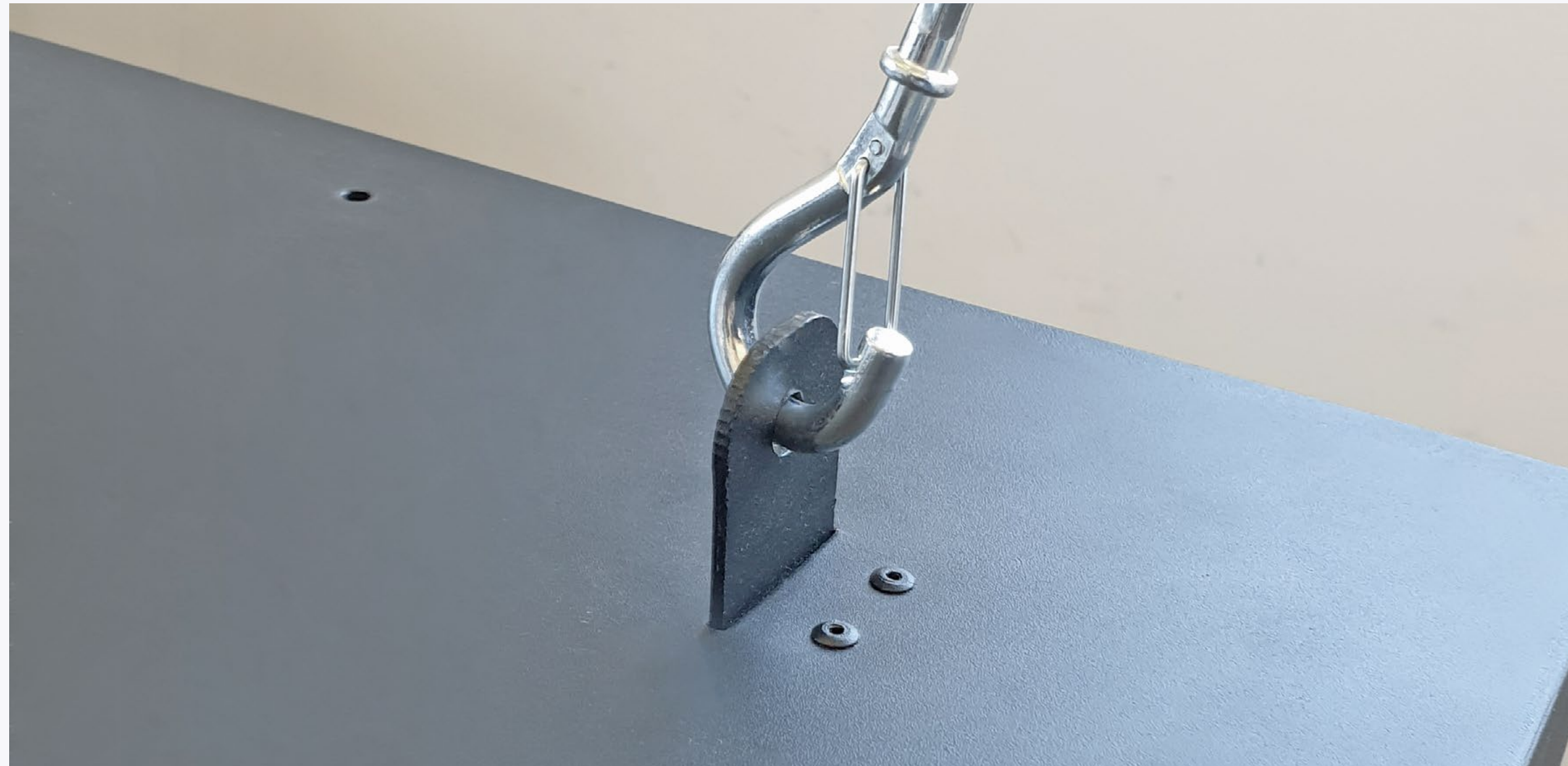
5

Unpack the device and place it **face down** on a soft surface such as a carpet.



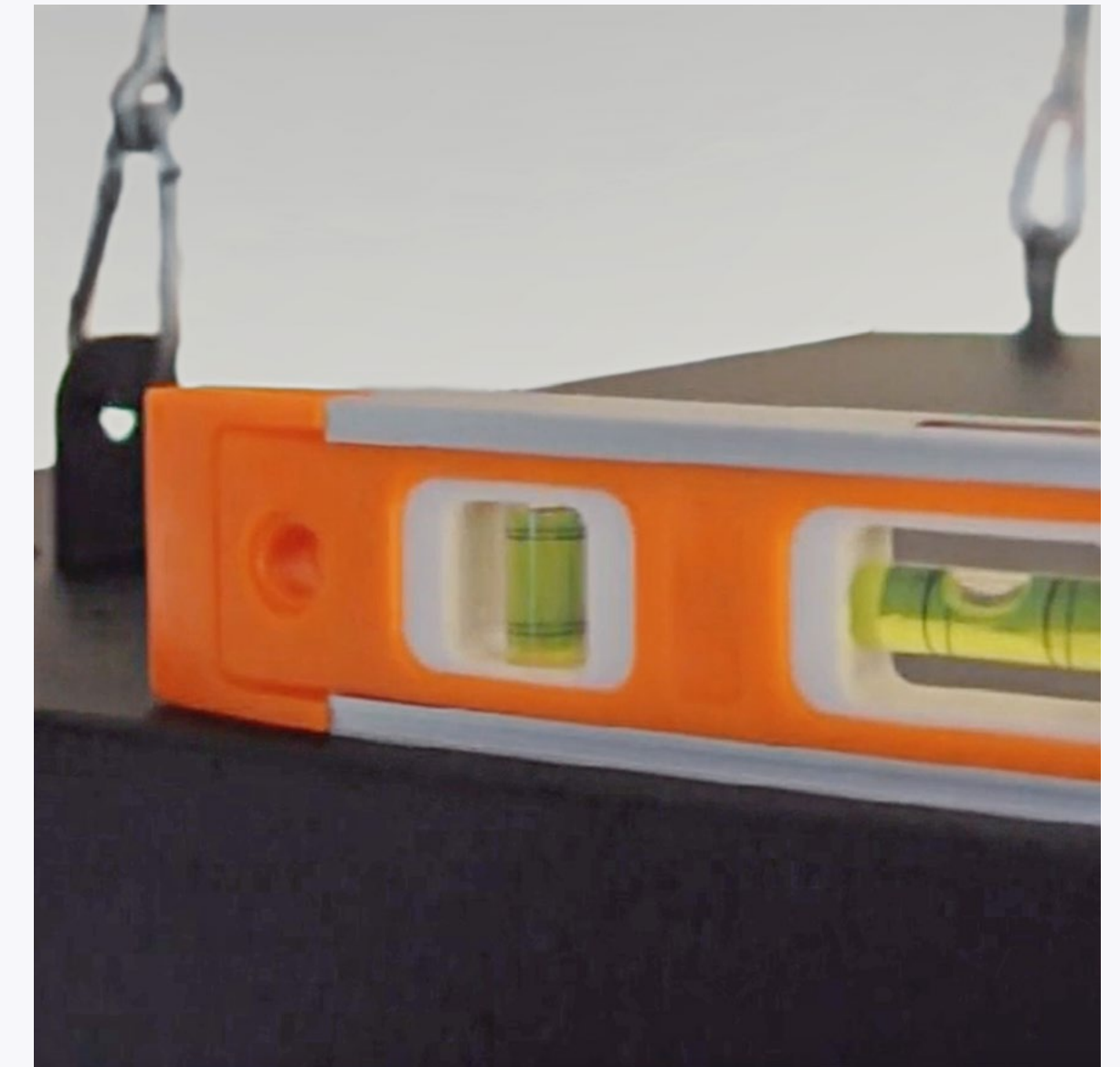
6

Mount the device by **clasping** the **snap hook endings** on each of the wire ropes to the four **mounting ears** on the back of the device.



7

Place the **leveler** on the device to ensure it is horizontally levelled.



# INSTALLING BEAM

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8

Connect the device to a **15A 110-240V** dedicated, stable **power outlet**. The power socket is located on the device's front panel.



9

Connect the device to your **router** using an **Ethernet cable**. The internet port is located on the device's back panel.

It is also possible to connect to a **WiFi network** during the device setup.



10

Turn on the projector using the **remote controller**. Allow up to **10 minutes** for the projector's initial activation.

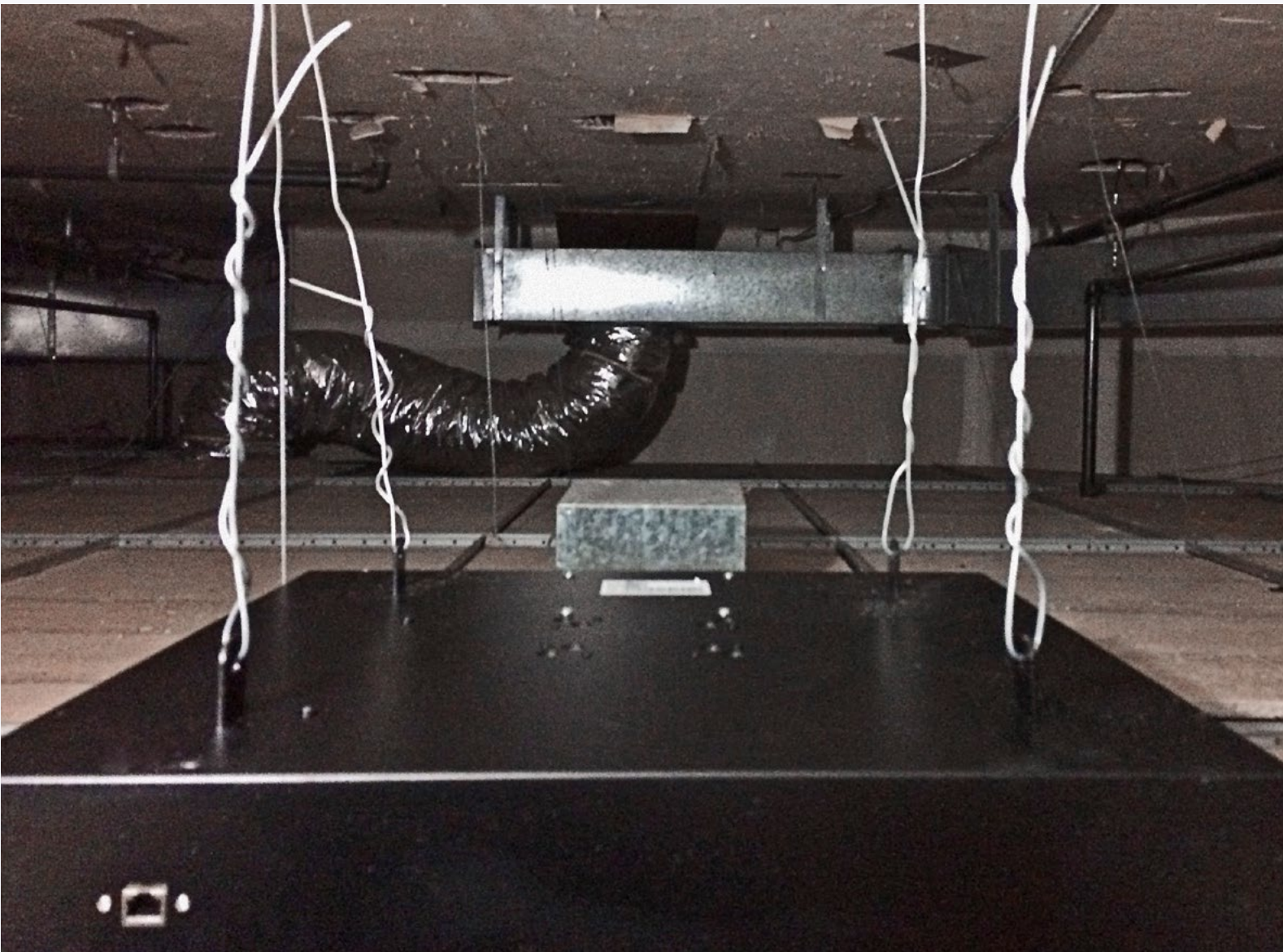


# DROP (FALSE) CEILING INSTALLATION



To install BEAM in a location with a drop (false) ceiling, anchor the device to the true ceiling or a support beam as previously explained. Use the drop ceiling's frame to level the device.

Make sure the device's weight is fully supported by the Gripple kit attached to the true ceiling or a support beam - the drop ceiling's frame should not carry the device's weight.



# INSTALLING BEAM

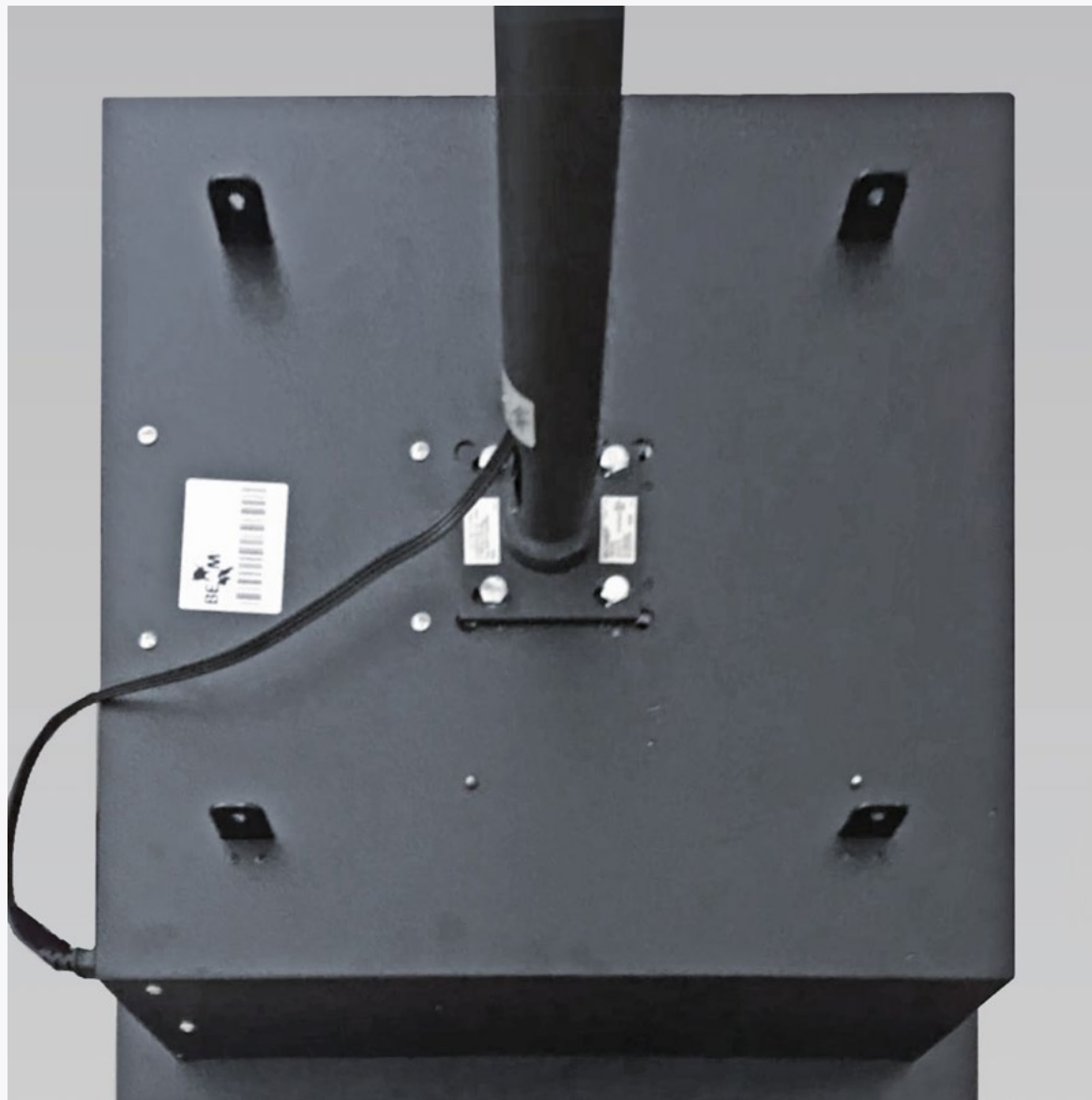
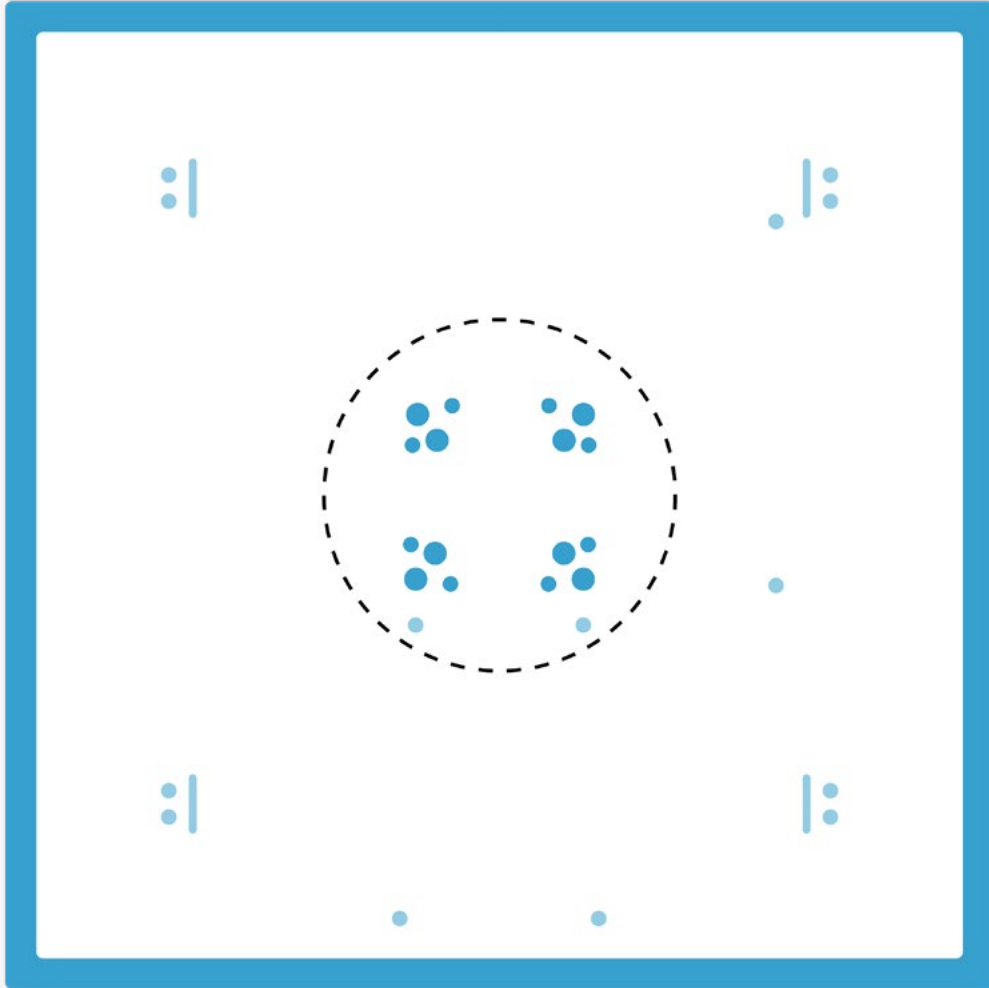
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Alternatively, you can use a **pole** for an **open ceiling installation**. Simply connect the pole to the device's **top panel**.



## TOP PANEL POLE MOUNT



If you're installing the device to a **metal ceiling**, use suitable hook bolt anchors for metal surfaces.



# SETTING UP YOUR BEAM



Once the projector is fully activated, use the projector's **zoom** and **focus** wheels to adjust the image.

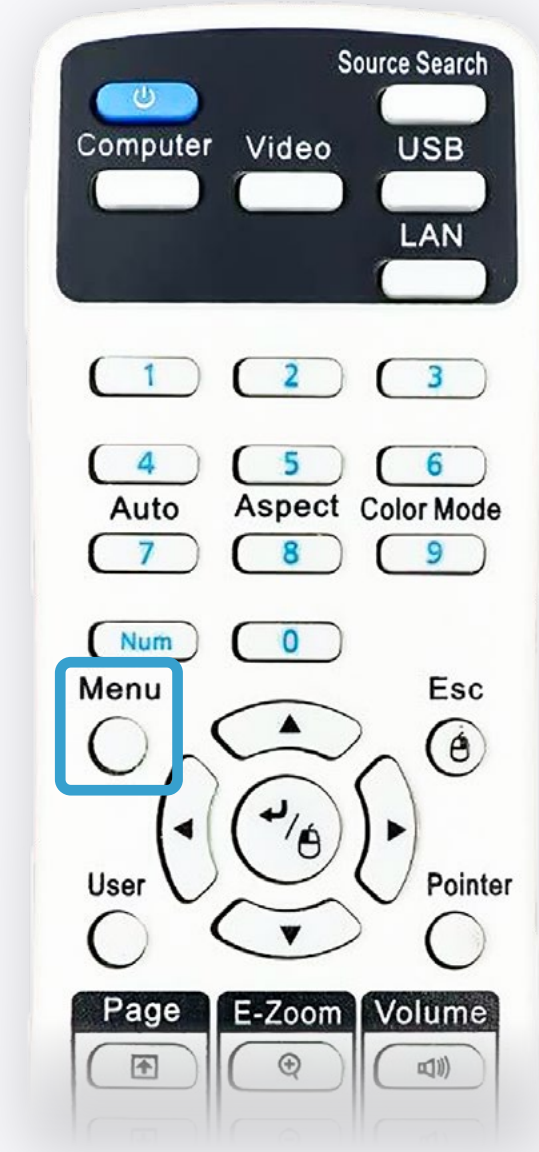


If needed, it's possible to slightly adjust the projection position after installing the device. Release the **mirror's Hex / Allen screws** and gently nudge it to **tilt** the projection back or forth.



If the projection is **skewed**, straighten it by clicking the **menu** button on your projection **remote**, then **Settings**, and select to adjust the **Keystones**.

Note that after adjusting keystones, the projection must be **calibrated** (calibration is available in the Settings section in the control area).



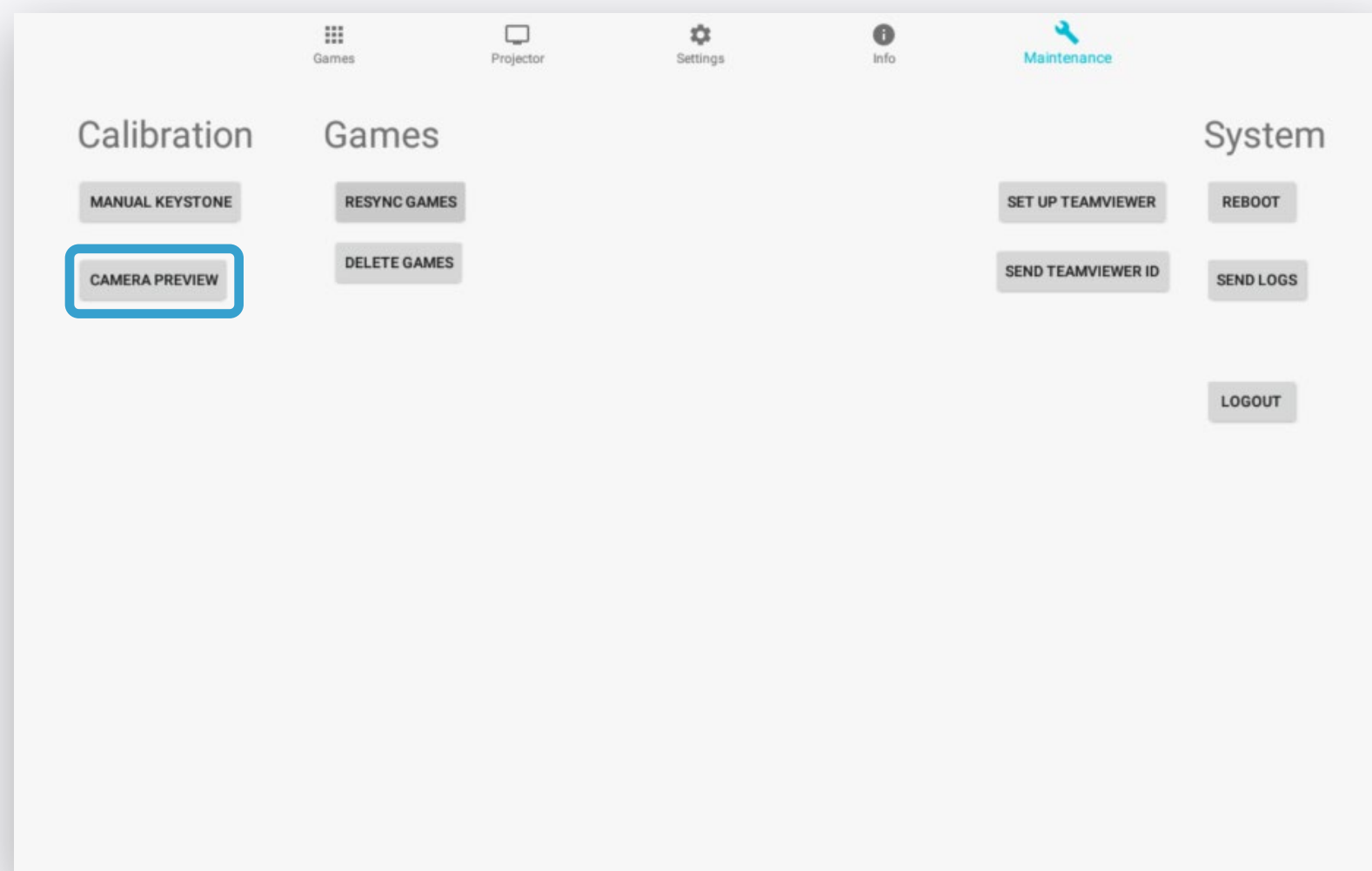
# CONFIGURATION

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Now let's make sure the motion sensor camera is capturing the projection area correctly. Access the control area by pressing **Ctrl + Q** on your keyboard. Then hold the **Ctrl** key while typing **iddqd** to access the **maintenance section**.

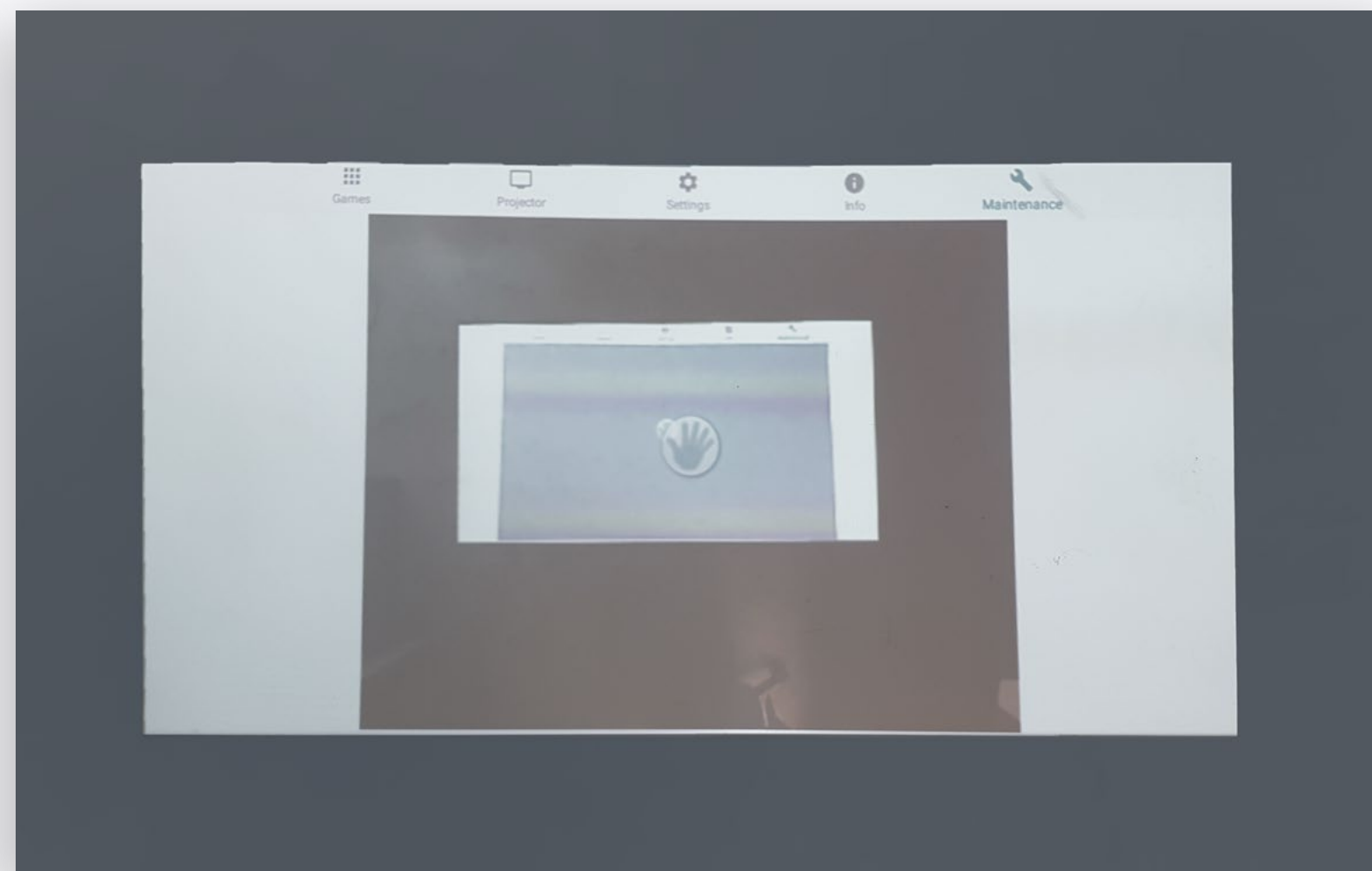
1

Tap **CAMERA PREVIEW** in the maintenance section.



2

The **camera live view** will be projected. Make sure that the **entire projection** area is visible to the camera.



3

If needed, it's possible to slightly adjust the projection position after installing the device. Release the **mirror's Hex / Allen screws** and gently nudge it to **tilt** the projection back or forth.

You can also reduce the **projection scale** through the **zoom wheel** on the projector.

Note that **any change to the projection** setup requires **calibrating** it through the **Settings** section.



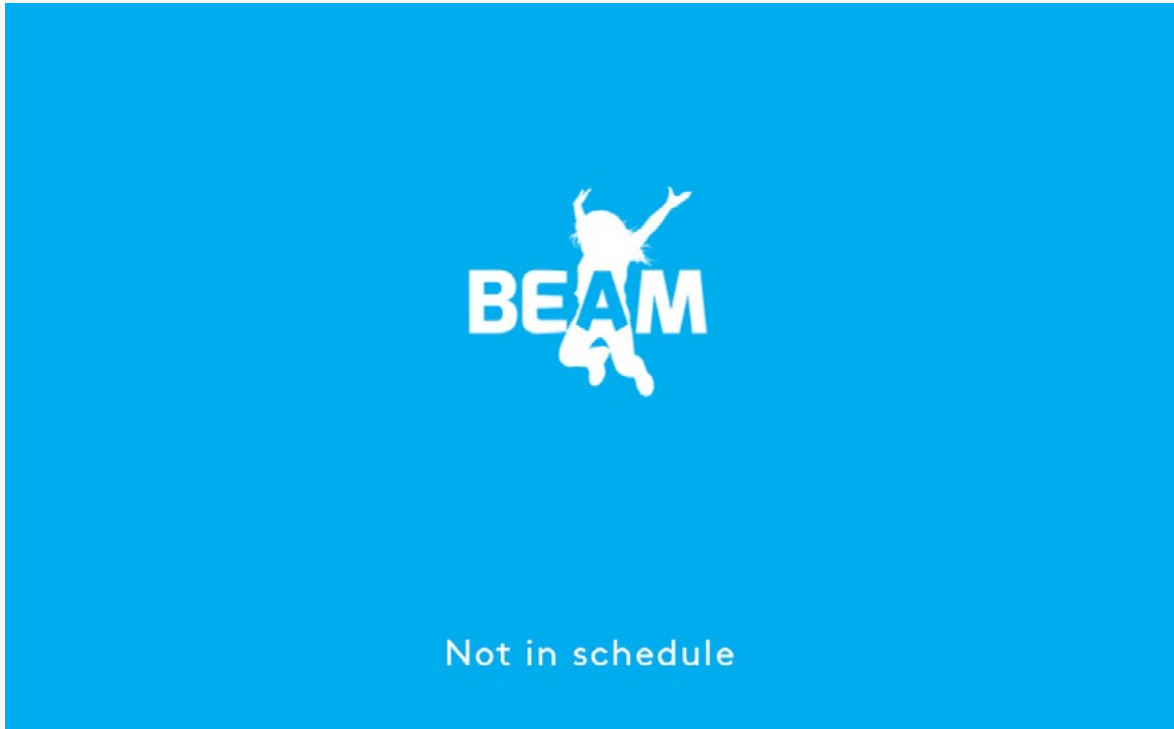


# CONFIGURATION

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If the projection is **illegible** during the configuration or any other point, tap the **right button** on the keyboard's trackpad repeatedly until reaching the **stanby screen**, then type **B** to **reset the projection**.



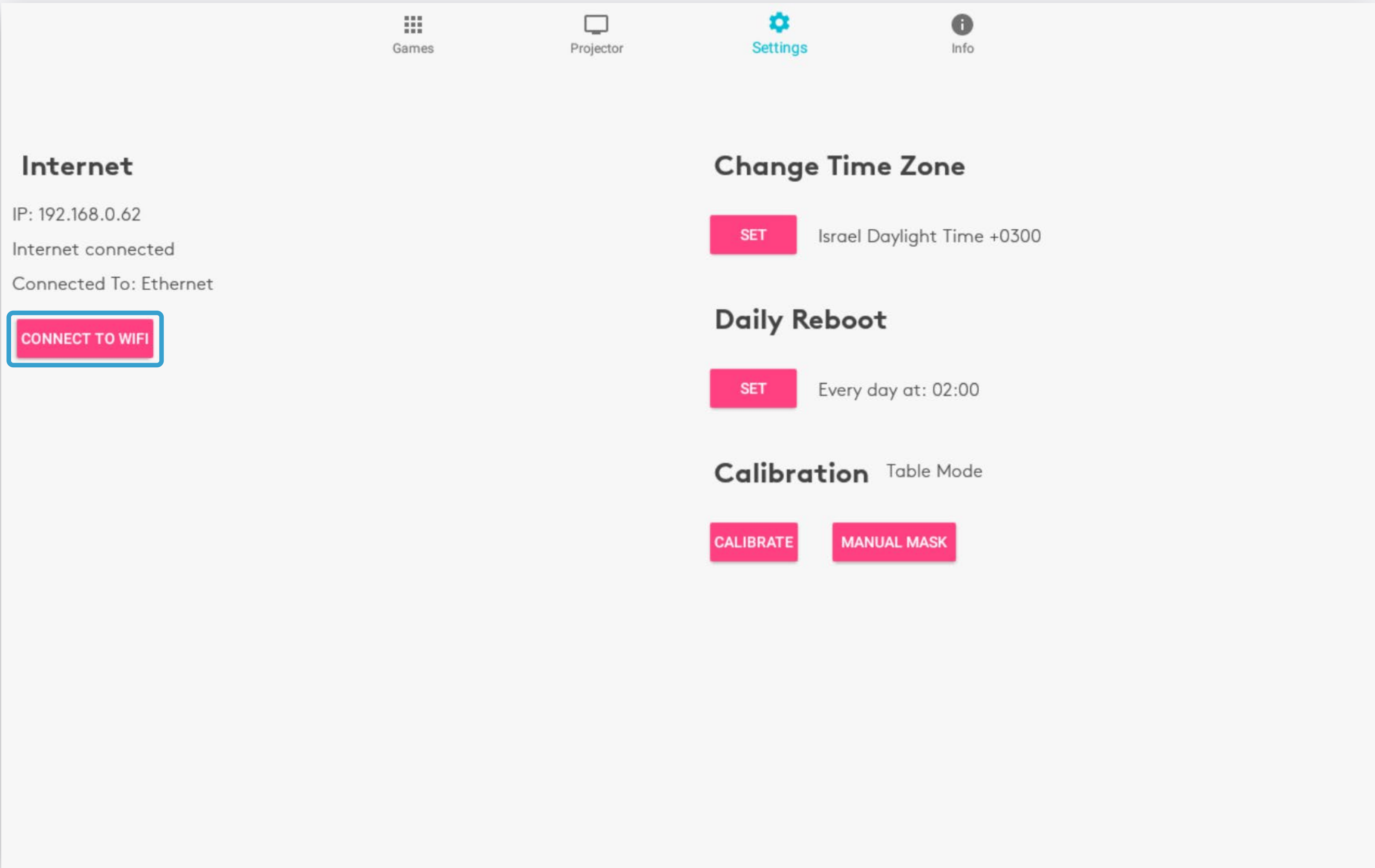
Note that after resetting the projection, it must be adjusted and **calibrated** (calibration is available in the Settings section in the control area).



# CONFIGURATION

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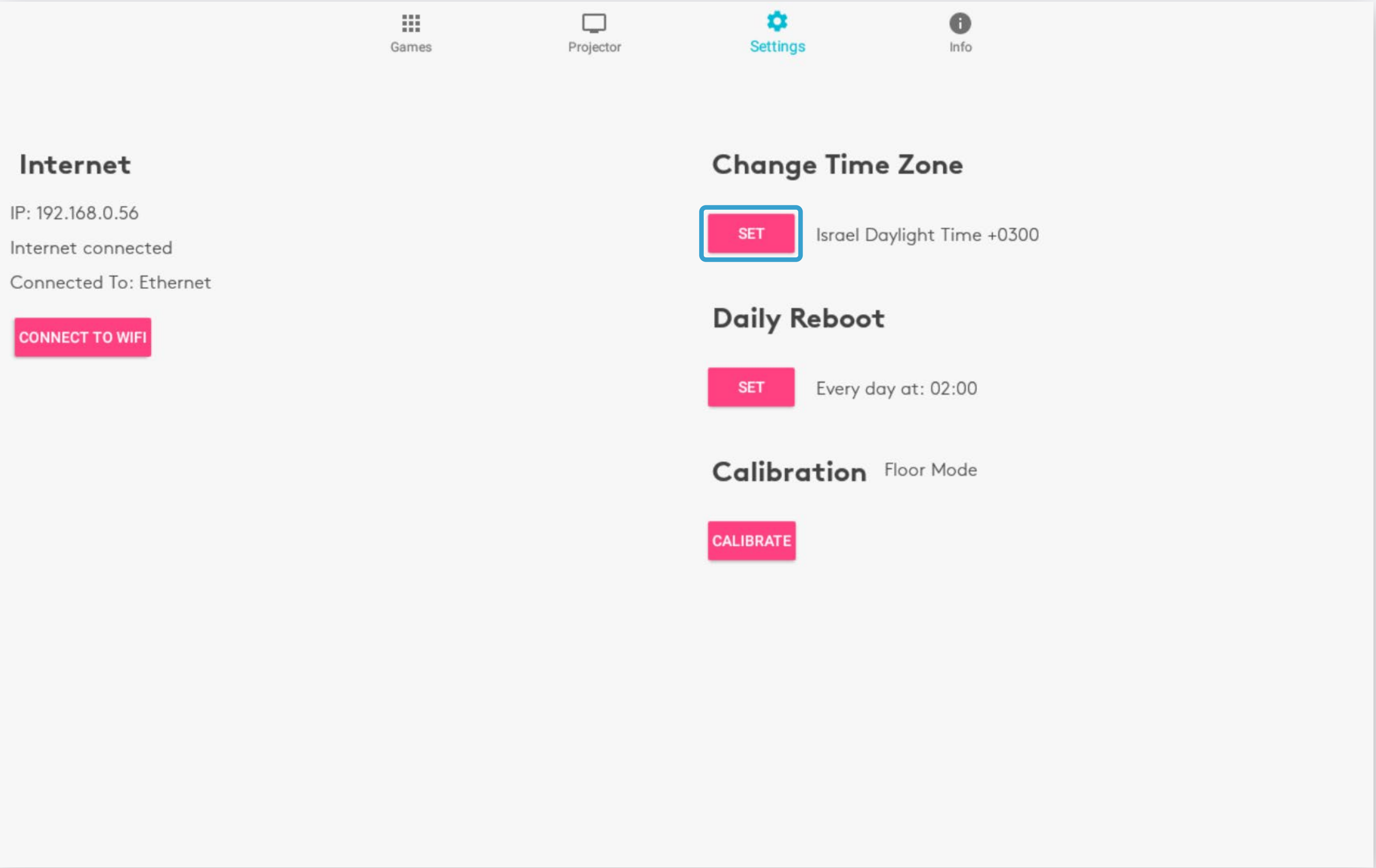
If the device is not connected through an **Ethernet cable**, open the **control area**, go to the **Settings** section and select the **WIFI button** to connect to an available network.



# CONFIGURATION

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Finally, go to the **Settings** section and set the **time zone** to the correct one.



**Note**

The device will automatically **restart** itself once a new timezone is set.

# ENJOY YOUR BEAM!

Please read the **BEAM QuickStart Guide** to learn how to manage and operate your device.

For any issues or questions, please contact us

Email: [support.team@eyeclick.com](mailto:support.team@eyeclick.com)

Website: <https://support.joinbeam.com/open-support-ticket/>

