BEAM INSTALLATION GUIDE

TABLE

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

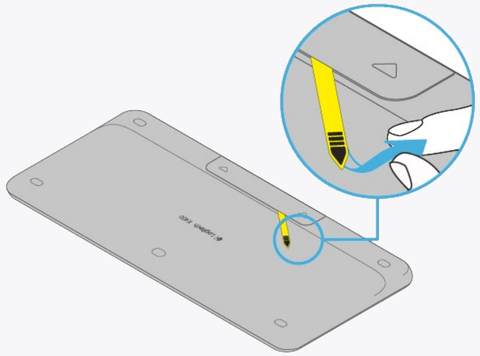
Before starting the installation and setup, please make sure that:

1

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

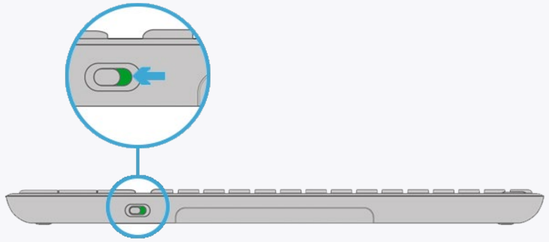
2

The **yellow saftey 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

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

4 CONCRETE EYE BOLT ANCHORS

MEASURING TAPE

DRILL

PLIERS

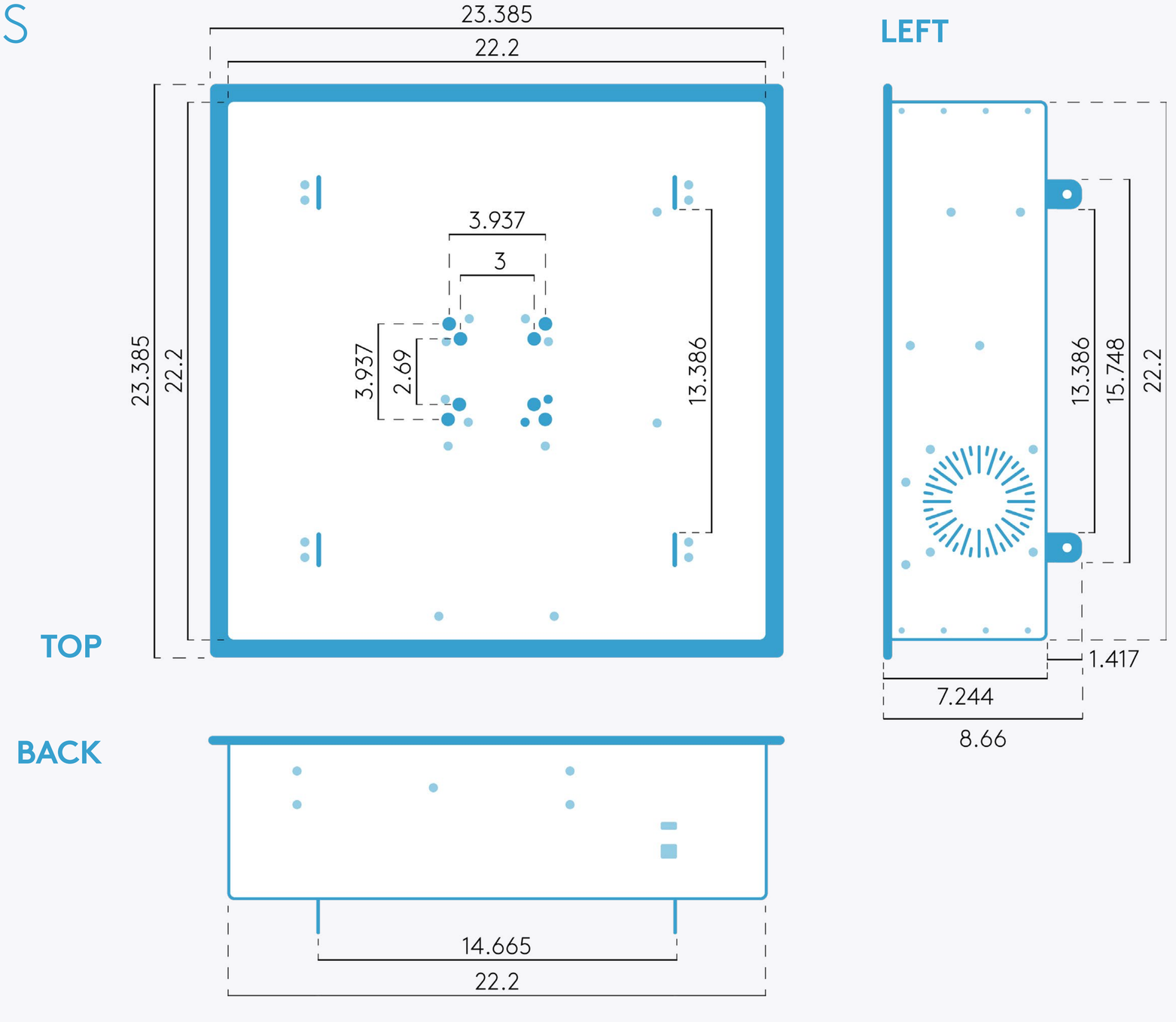
LEVELER

Note

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

TECHNICAL SPECIFICATIONS

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



RECTANGULAR TABLE SETUP

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

All measurments are in **inches**.

PROJECTION SURFACE	MINIMUM ZOOM		MAXIMUM ZOOM	
Distance from surface to device	Width	Height	Width	Height
55	31	19.5	50.5	31.5
59	33.5	21	54	34
63	35.5	22	58	36
67	38	23.5	61.5	38
71	40	25	65	40.5
75	42	26.5	68.5	43
79	44.5	27.5	72	45
83	46.5	29	76	47
86.5	49	30.5	79.5	49.5
88.5	50	31.5	81	50.5

Note

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

ROUND TABLE SETUP

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

All measurments are in **inches**.

PROJECTION SURFACE	MINIMUM ZOOM	MAXIMUM ZOOM
Distance from surface to device	Projection Diameter	Projection Diameter
55	19.5	31.5
59	21	34
63	22	36
67	23.5	38
71	25	40.5
75	26.5	43
79	27.5	45
83	29	47
86.5	30.5	49.5
88.5	31.5	51

Note

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

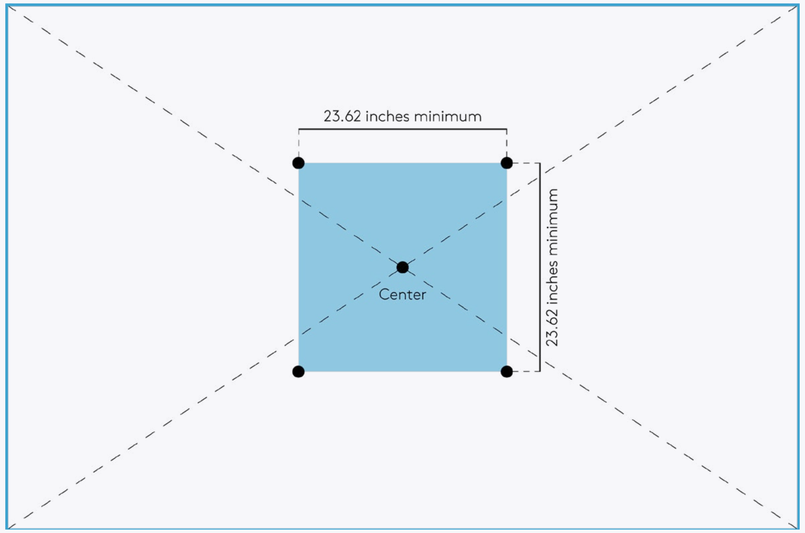
INSTALLING BEAM

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.**

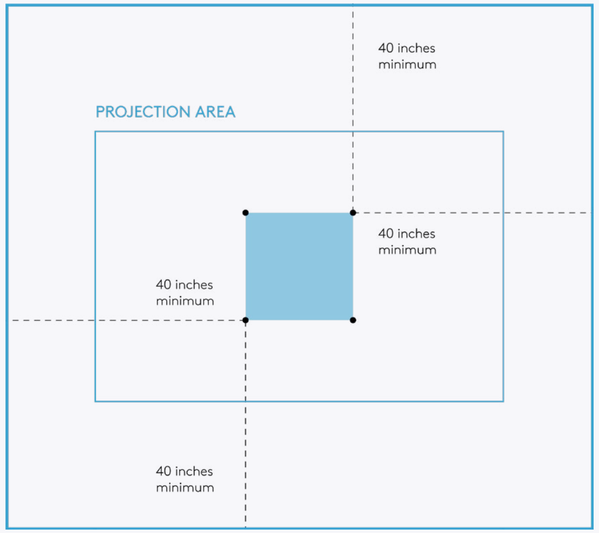
PROJECTION AREA



!

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**.

DISTANCE FROM WALLS



INSTALLING BEAM

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.

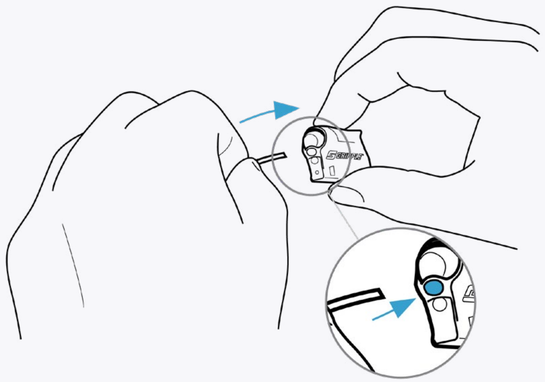
Fasten the bolts in place.

INSTALLING BEAM

3

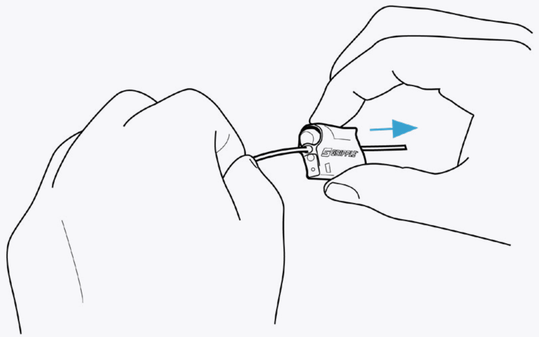
Now take the **Gripple kit**.

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



4

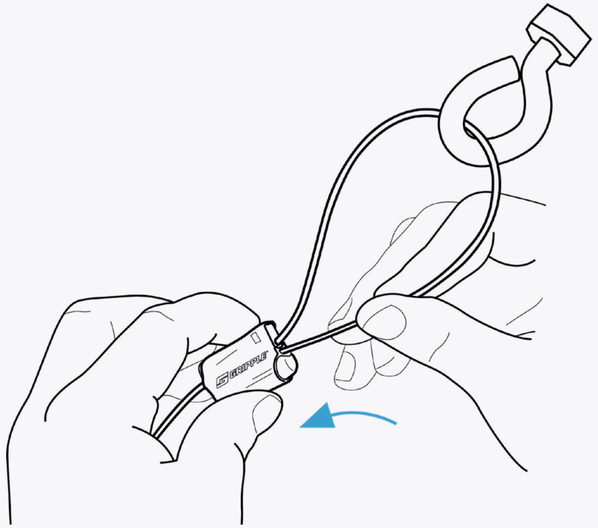
Slide the **express hanger** along the wire rope & stop at the desired hanging length.



5

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

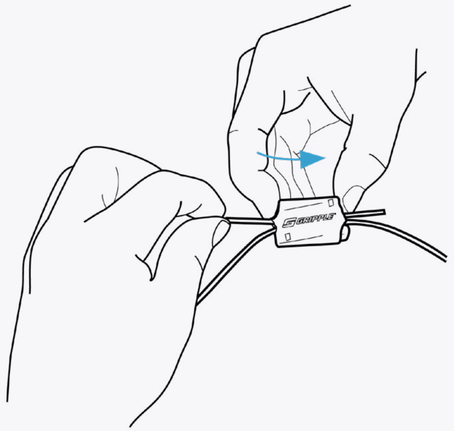
Do this for all **four** anchor bolts, keeping the wire rope's length the same.



INSTALLING BEAM

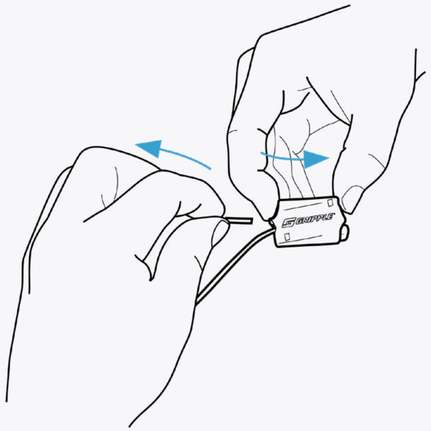
3

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.

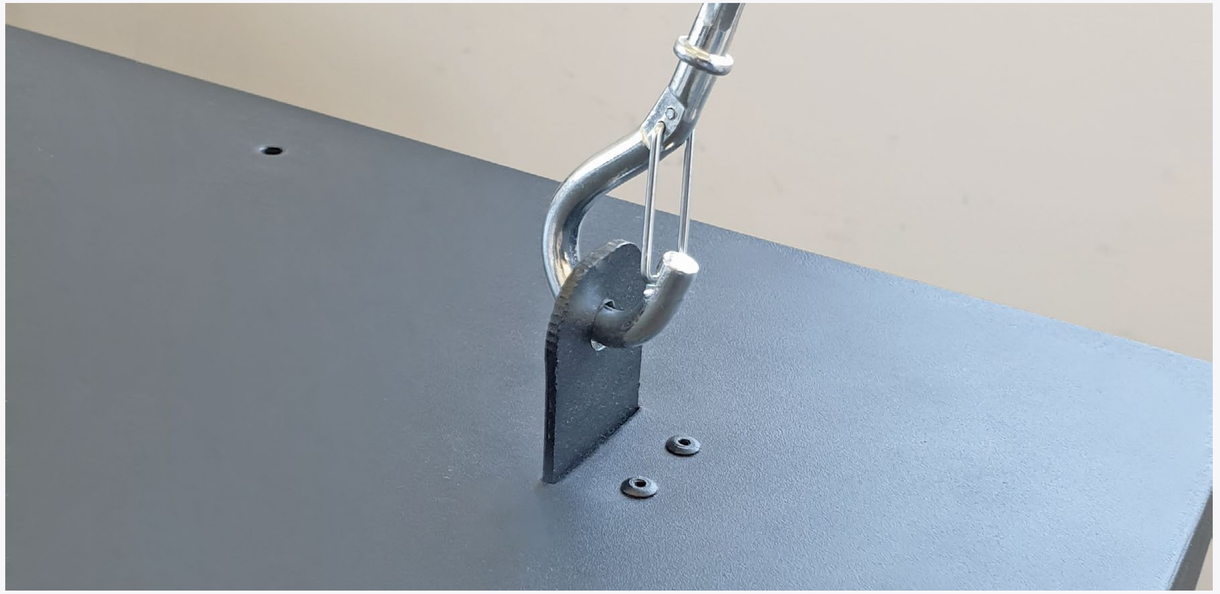
INSTALLING BEAM

5

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

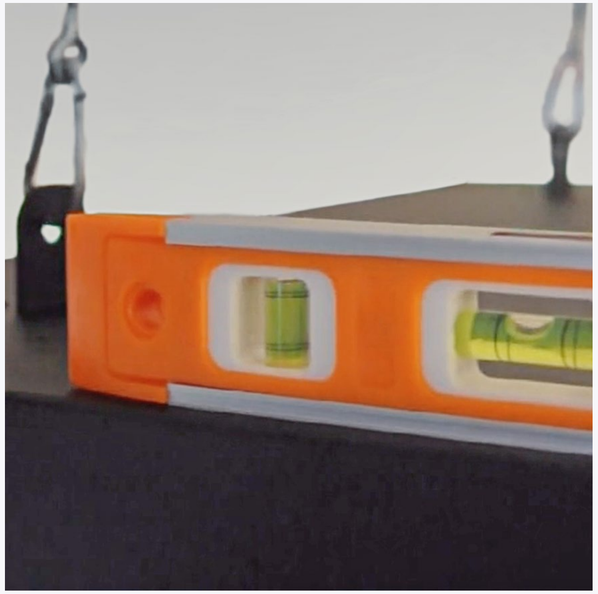
6

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

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.

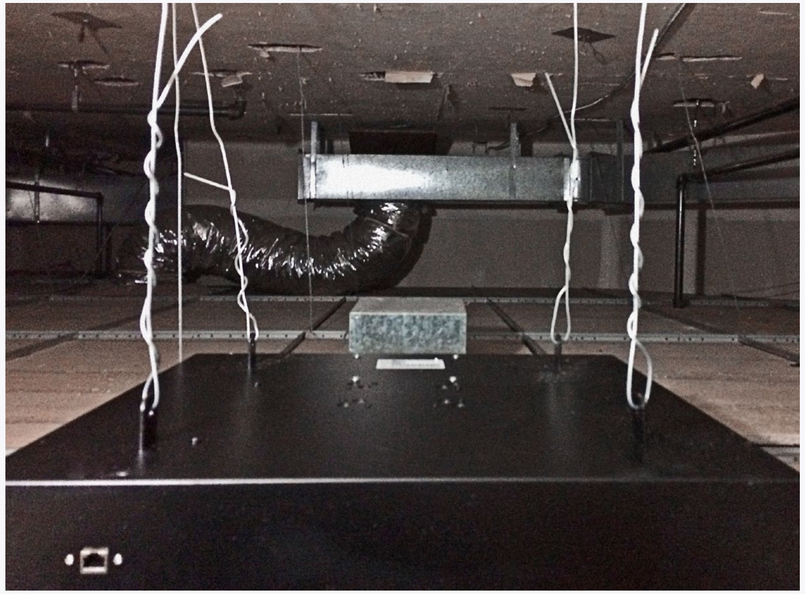
11

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

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.

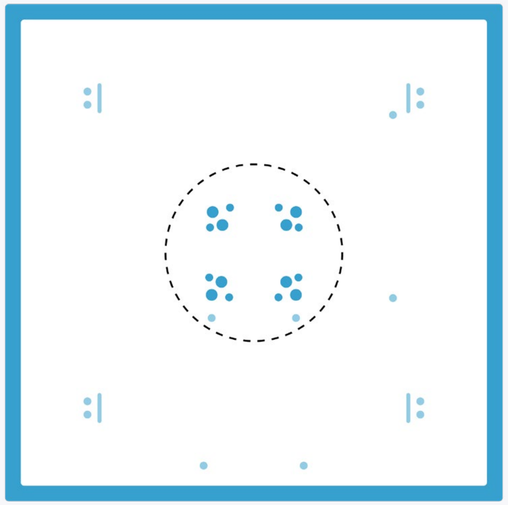
Make sure the device's weight is fully supported by the Gripple kit attached to the true ceiling or a support beam - the drop ceiling's frame should not carry the device's weight.

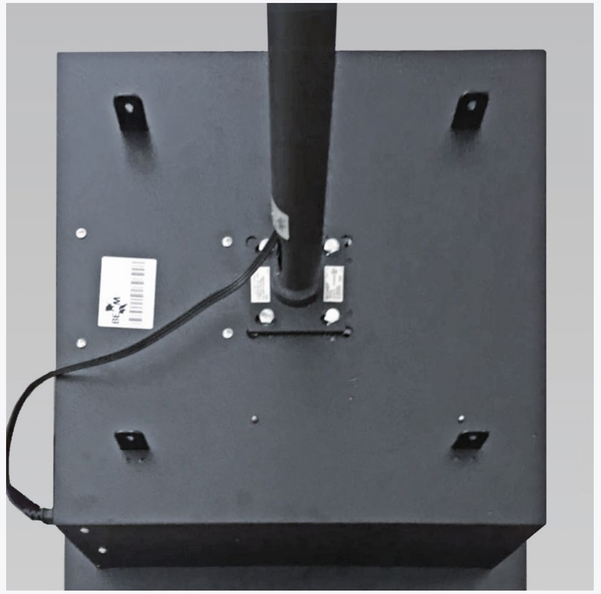


INSTALLING BEAM

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

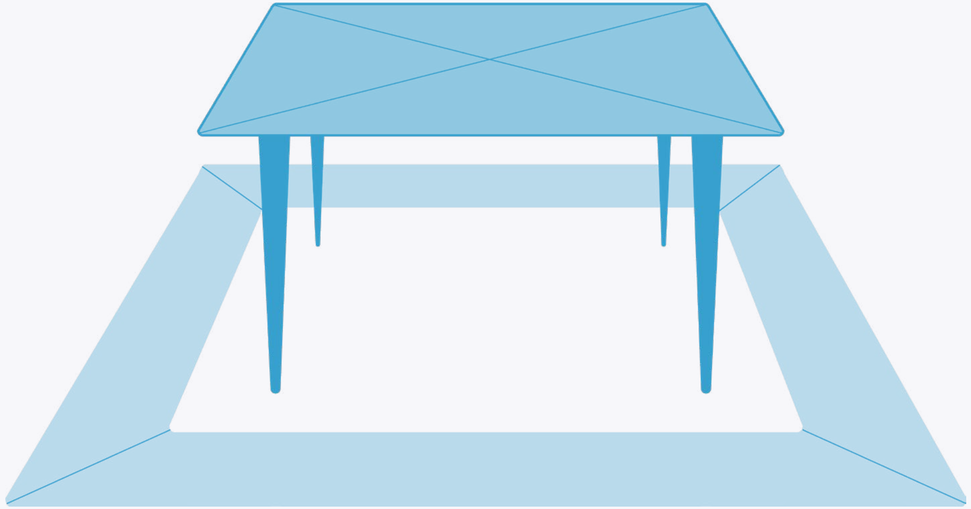
If the projection is **skewed**, straighten it by clicking the **menu** button on your projection **remote**, then **Settings**, and select to adjust the **Keystones**.

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

Set up the projection are so it will cover the **table** you aim to project on **entirly**.

If that's not possible due to the ceiling height or zoom limitation, try to cover as much of the table's surface as possible.

TABLE PLACEMENT IN PROJECTION AREA

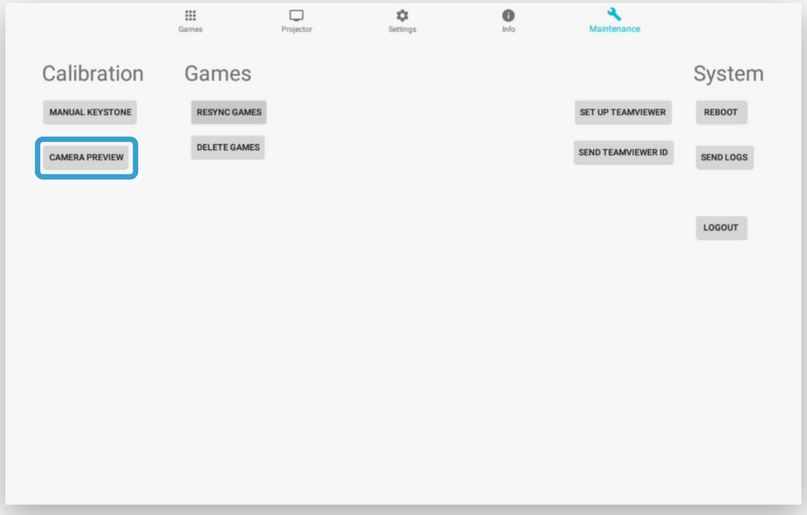


CONFIGURATION

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.**

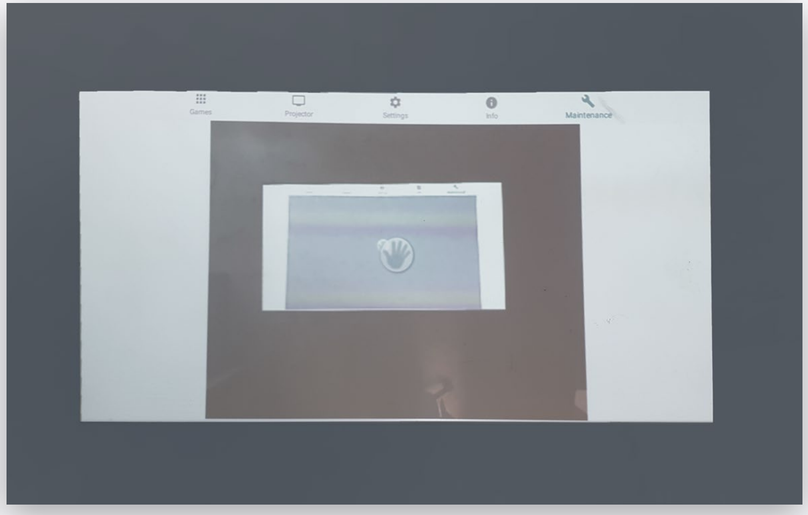
1

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.

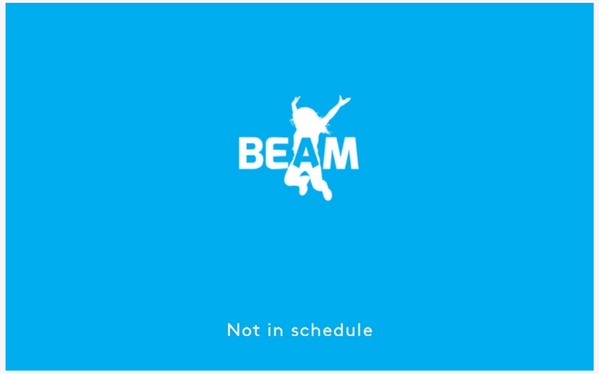
Release the **mirror's Hex** and gently nudge it to **tilt** the projection back or forth.

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

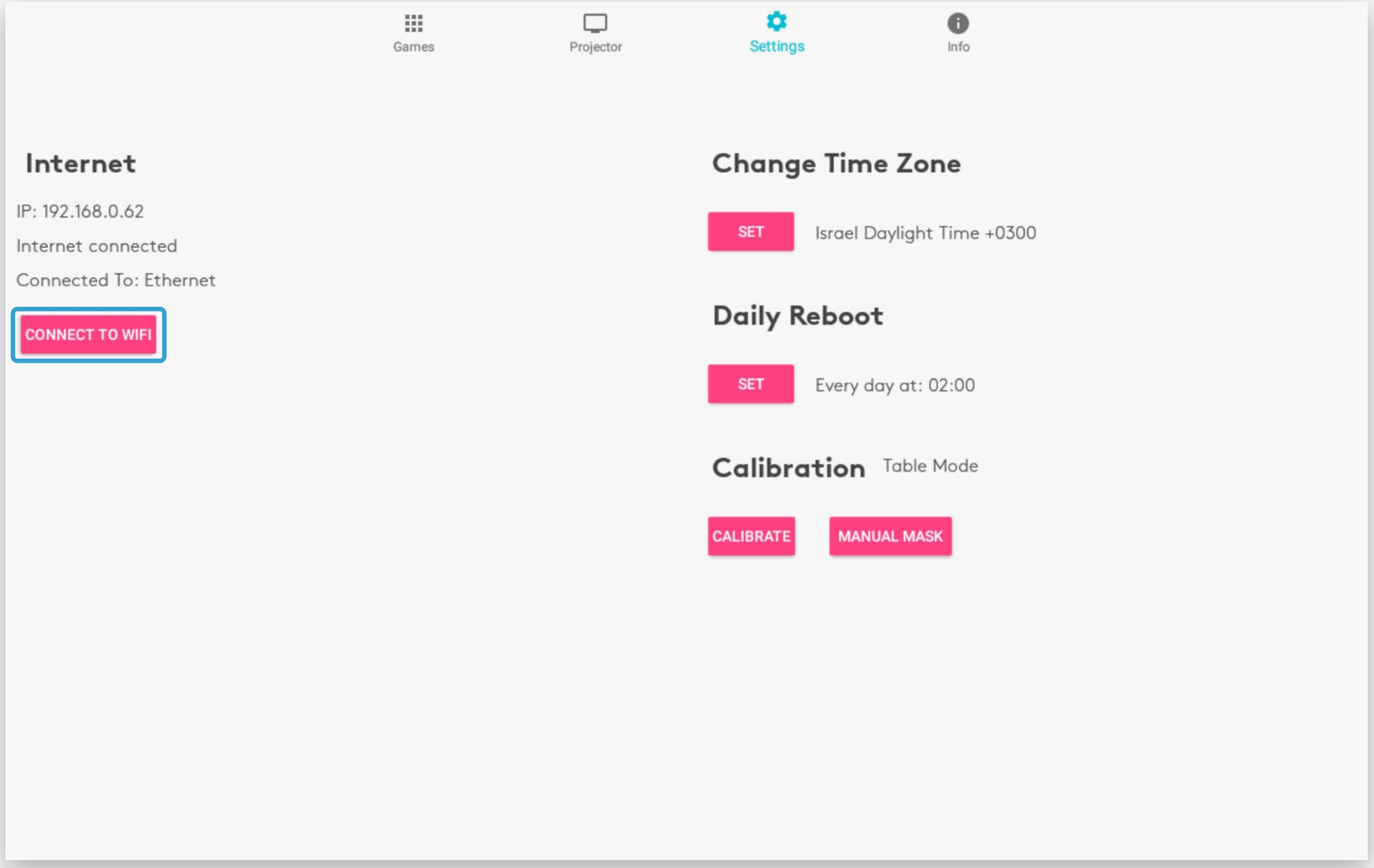
If the projection is **illegible** during the configuration or any other point, tap the **right button** on the keyboard's trackpad repeatedly until reaching the **stanby screen**, then type **B** to **reset the projection**.



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

CONFIGURATION

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.



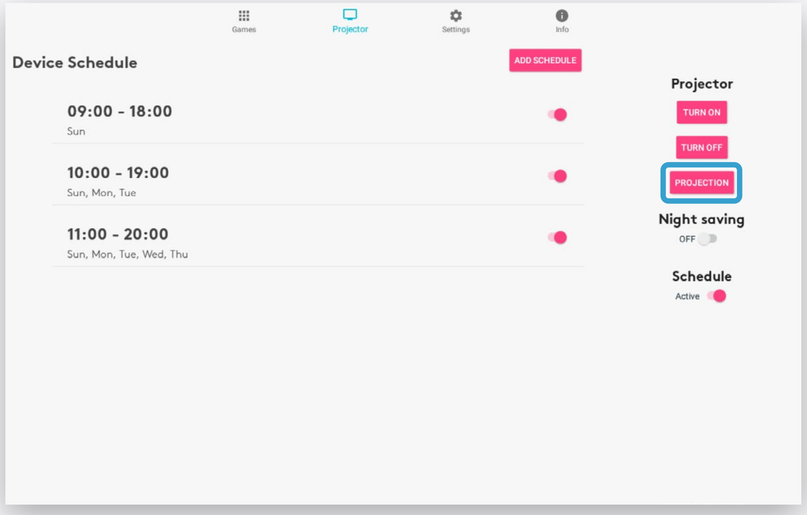
FITTING THE PROJECTION TO A TABLE

Now let's make sure the projection fits to the table's **size** and **shape**.

Before starting, please make sure the **table is completely clear** of any **objects or people** and that the projection is unobstructed.

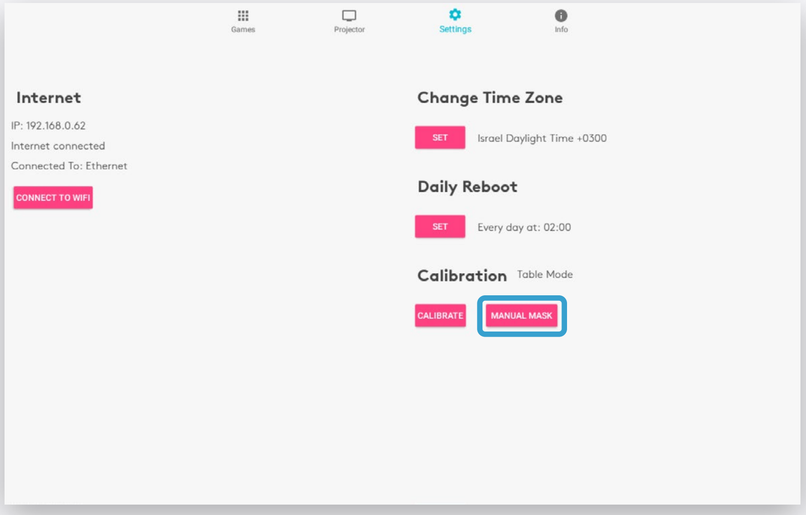
1

If needed, go to the **Projector** section in the control area and select the **PROJECTION** button to **flip** or **rotate** the projection as needed.



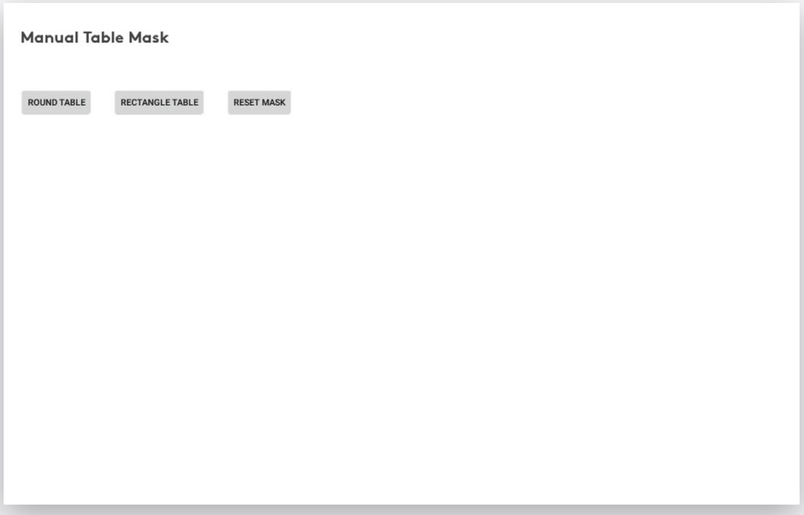
2

Go to the **Settings** section in the control area and select the **MANUAL MASK** button.



3

Select the **shape** of the table - it can be either **round** or **rectangular**.



FITTING THE PROJECTION TO A TABLE

If a **rectangular projection mask** was selected, fit it the table's size and shape by:

1 **DRAG PROJECTION MASK**

Hold and drag the X icon to **move** the projection mask to the center of the table.

2 **ANCHOR ICONS**

Hold and drag the + anchor icons to the edge of the table. The projection will adjust accordingly.

3 **ACCEPT CHANGES**

Select the **V icon** to accept your changes. The projection will calibrate and restart automatically to apply your changes.

FITTING THE PROJECTION TO A TABLE

If a **rectangular projection mask** was selected, fit it the table's size and shape by:

1 **DRAG PROJECTION MASK**

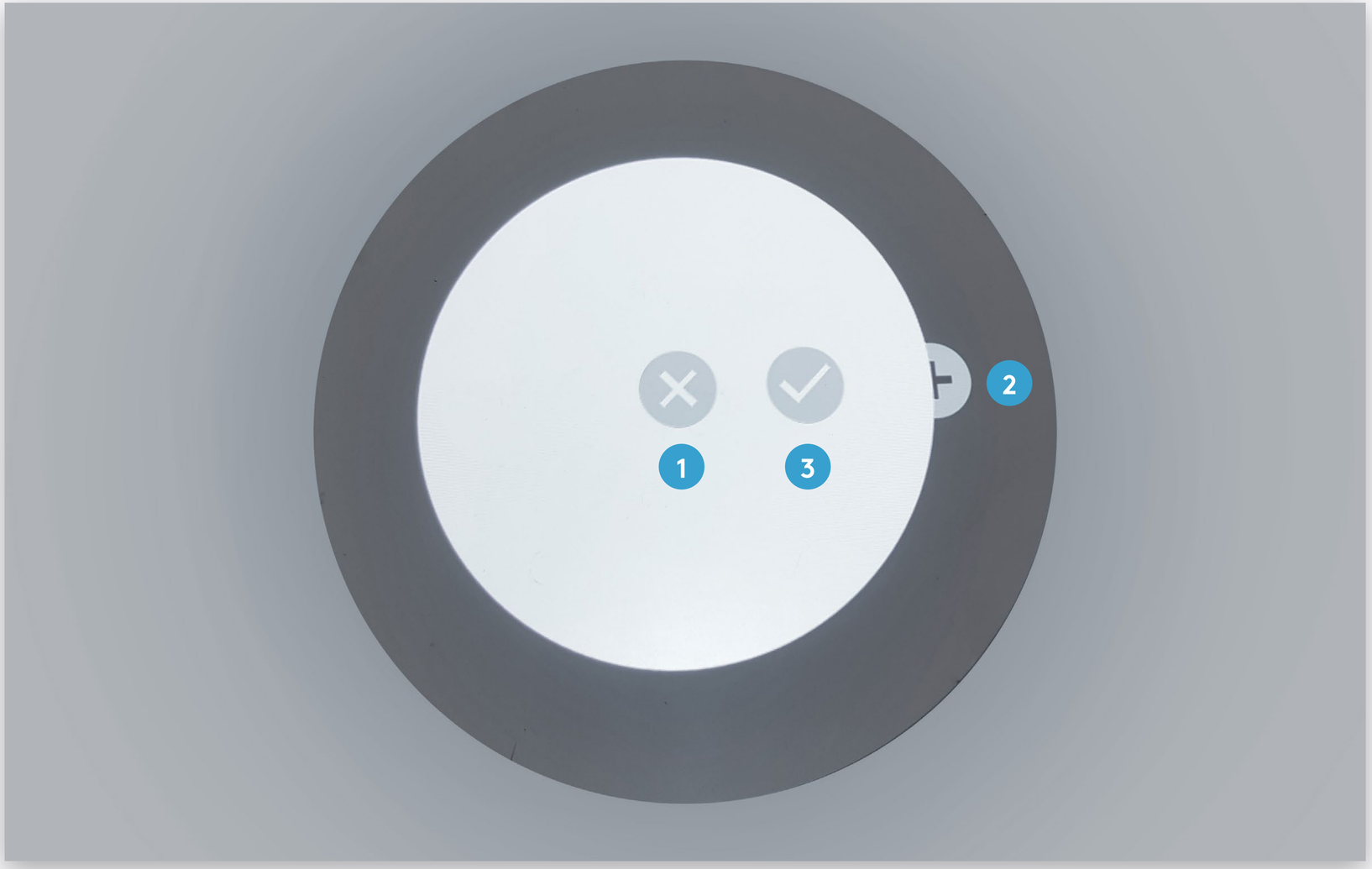
Hold and drag the X icon to **move** the projection mask to the center of the table.

2 **CIRCLE SIZE ICON**

Hold and drag the + icon to change the size of the projection.

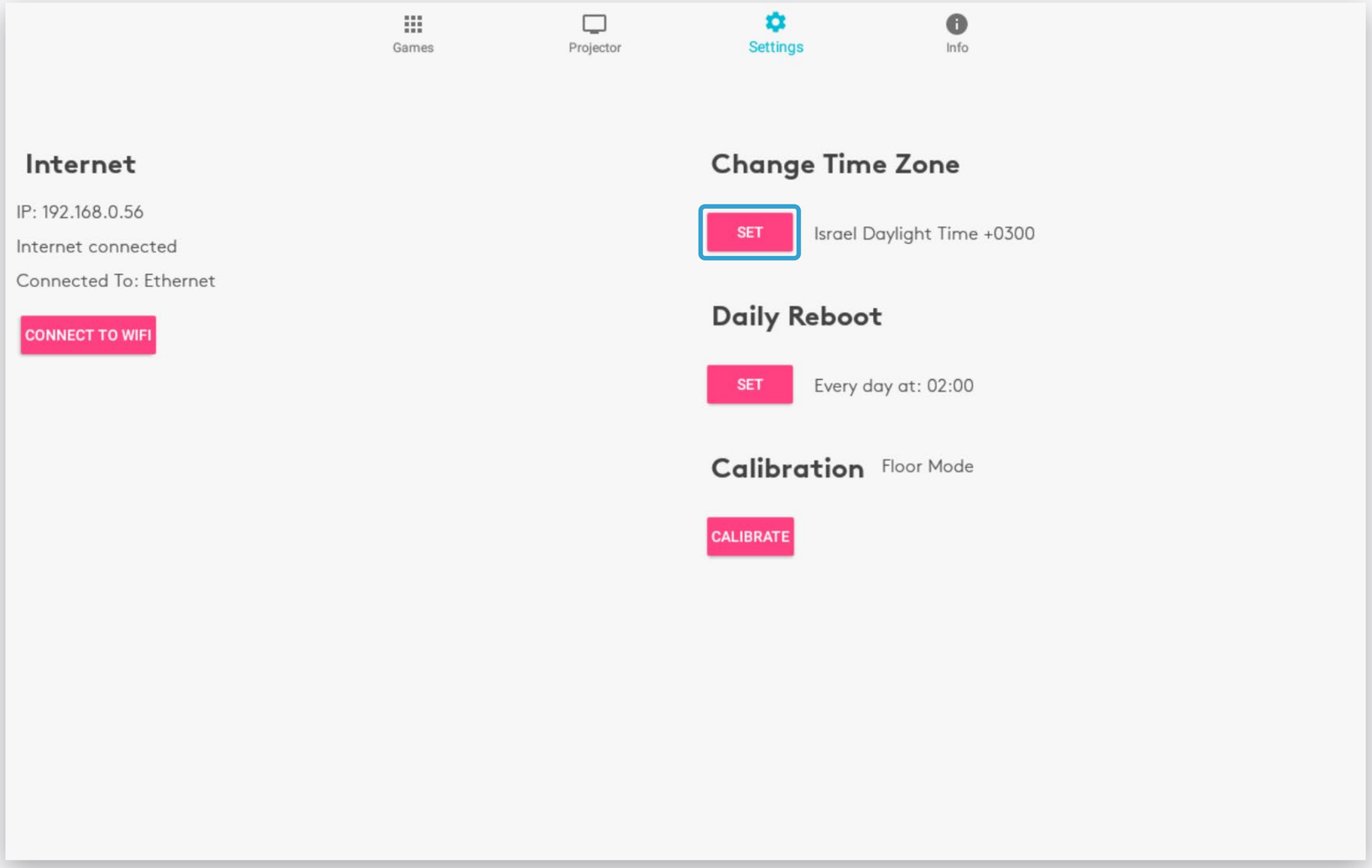
3 **ACCEPT CHANGES**

Select the **V icon** to accept your changes. The projection will calibrate and restart automatically to apply your changes.



CONFIGURATION

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**

Website: **https://support.joinbeam.com/open-support-ticket/**