

# 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

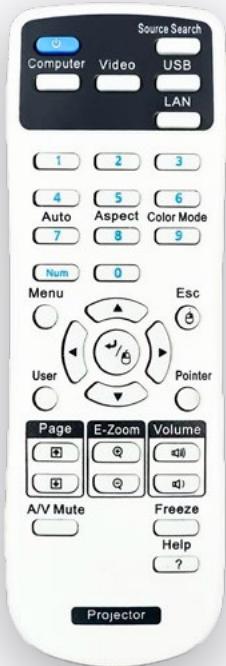
for operating the system menus



4

Remote controller

for controlling the BEAM projector



# BEFORE INSTALLING

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

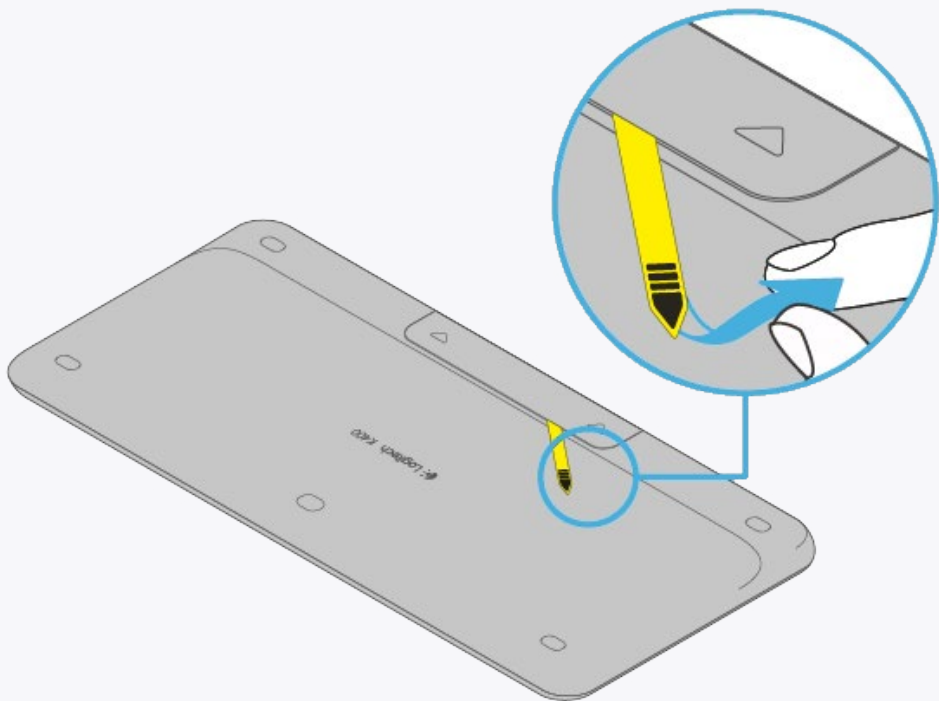
1

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



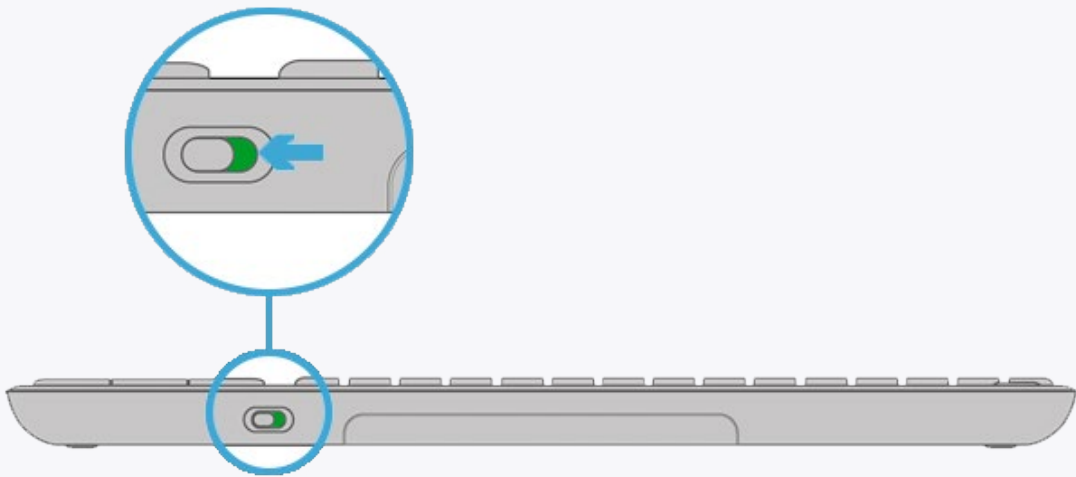
2

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 TURNBUCKLES  
HOOK/EYE



4 CONCRETE EYE BOLT  
ANCHORS



4 CHAINS  
See chart on slide 6 to  
determin required length



4 CARABINER CLIPS

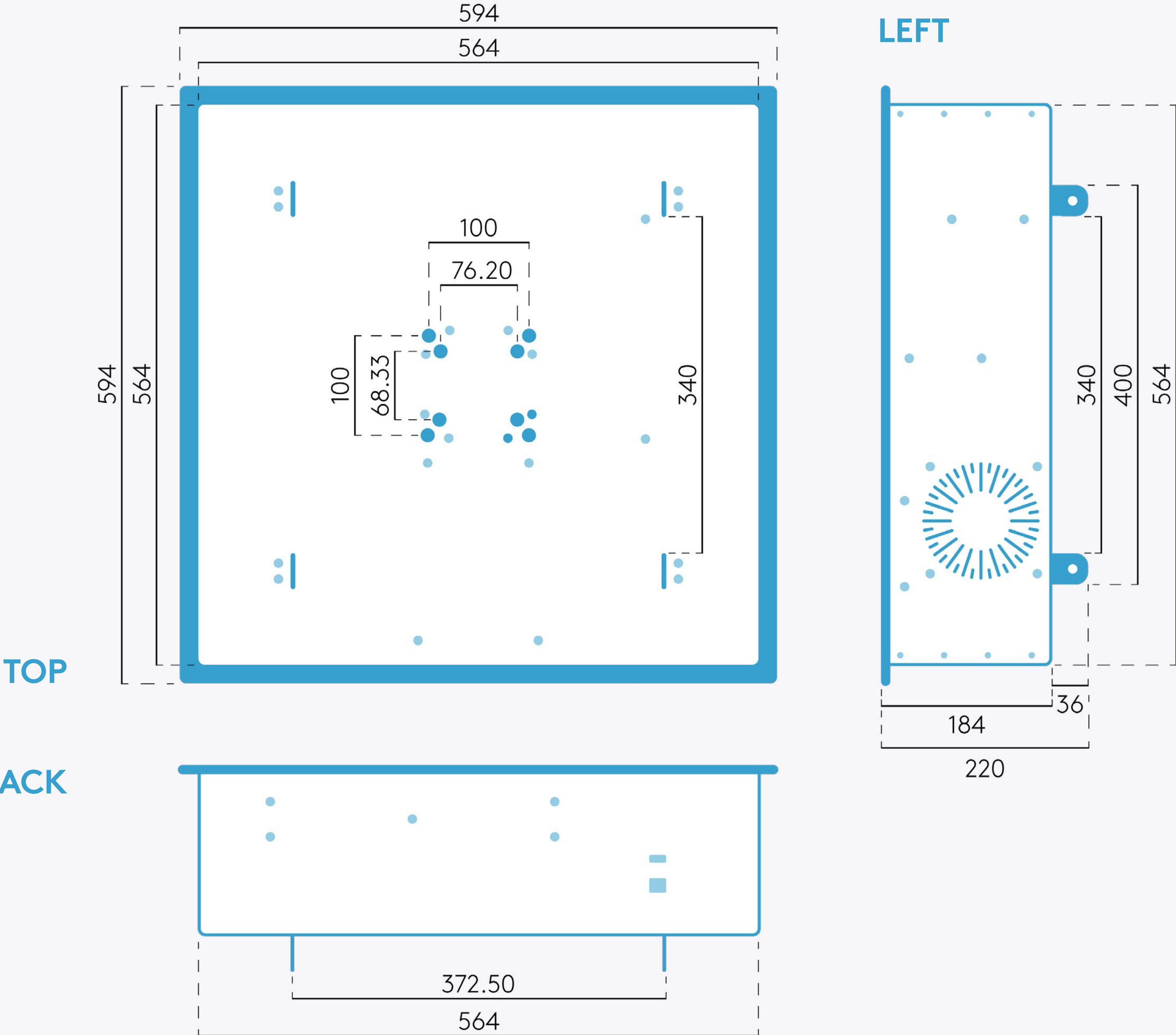
**Note**

Please prepare a **measuring tool**, a **marker**, a **drill**, a pair of **pliers** and a **leveler** for the installation process itself.

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

# TECHNICAL SPECIFICATIONS

The BEAM device dimentions and measurments in milimeters:



# RECTANGULAR TABLE SETUP

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

All measurments are in **centimeters**.

**Note**

Mounting the device more than **425 centimitters** above the projection surface may produce **false interactions** and **sensor inaccuracies**.

PROJECTION SURFACE	MINIMUM ZOOM		MAXIMUM ZOOM	
Distance from surface to device	Width	Height	Width	Height
140	79	50	128	80
150	85	53	137	86
160	90	56	147	92
170	96	60	156	97
180	102	64	165	103
190	107	67	174	109
200	113	70	183	115
210	118	74	193	120
220	124	78	202	126
225	127	80	206	129

# ROUND TABLE SETUP

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

All measurments are in **centimeters**.

**Note**

Mounting the device more than **425 centimeters** above the projection surface may produce **false interactions** and **sensor inaccuracies**.

PROJECTION SURFACE	MINIMUM ZOOM	MAXIMUM ZOOM
Distance from surface to device	Projection Diameter	Projection Diameter
140	50	80
150	53	86
160	56	92
170	60	97
180	64	103
190	67	109
200	70	115
210	74	120
220	78	126
225	80	129



# INSTALLING BEAM

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1

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



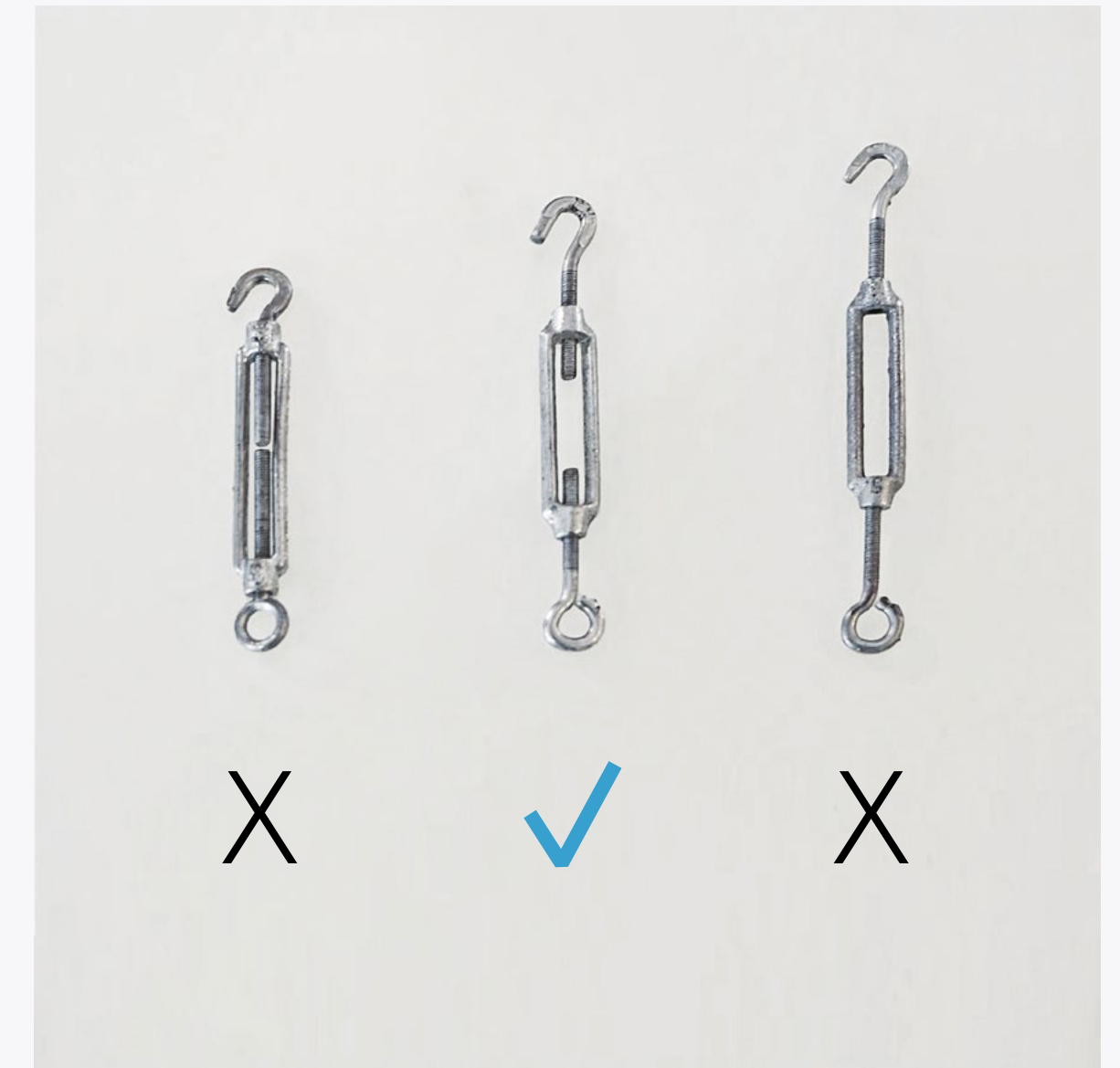
2

Attach each of the **carabiner clips** to the four **ear loops** on the top panel. Next, connect the **turnbuckles** to the carabiner clips.



3

Each end of the turnbuckles should be screwed to its **middle** to allow for **maximum adjustment range**.





# INSTALLING BEAM

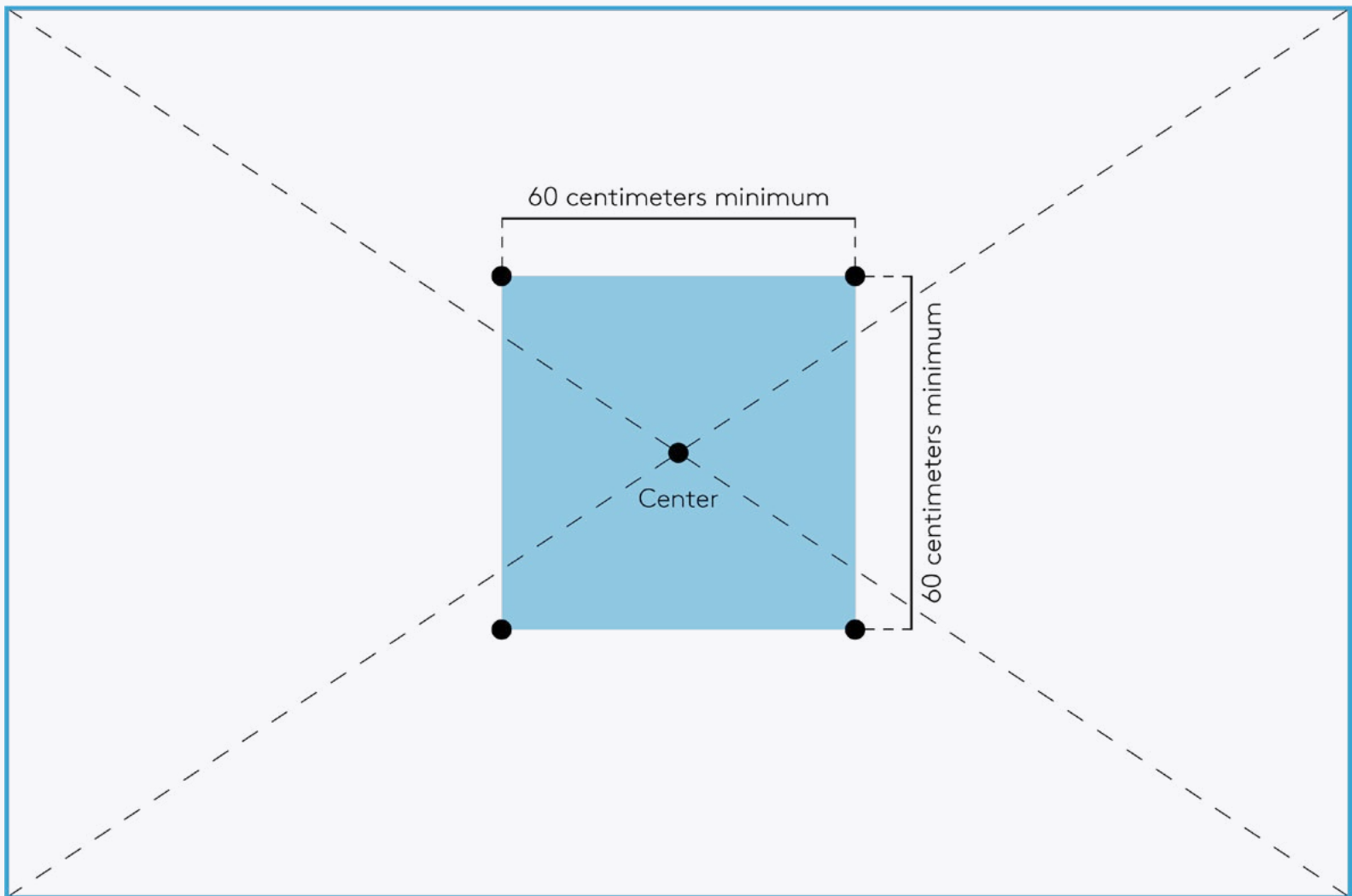
4

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 **60 centimeters (24 inches)** in length and width. **Mark** the square's **corners**.

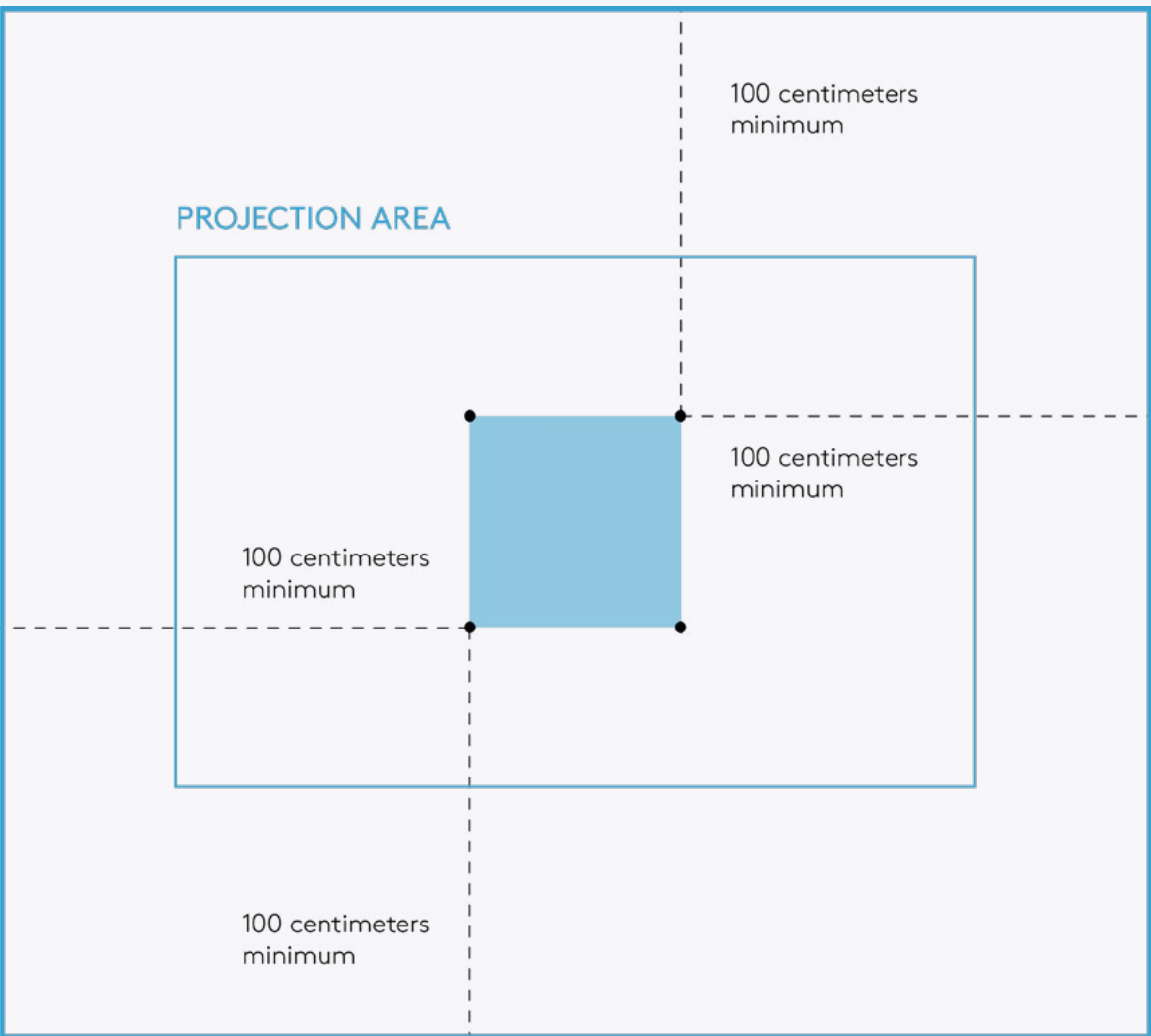
!

In order to leave sufficient space for the projection area, keep a distance of at least **100 centimeters** between the **marked square** (where you intend to install the device) and **any nearby walls**.

## PROJECTION AREA



## DISTANCE FROM WALLS



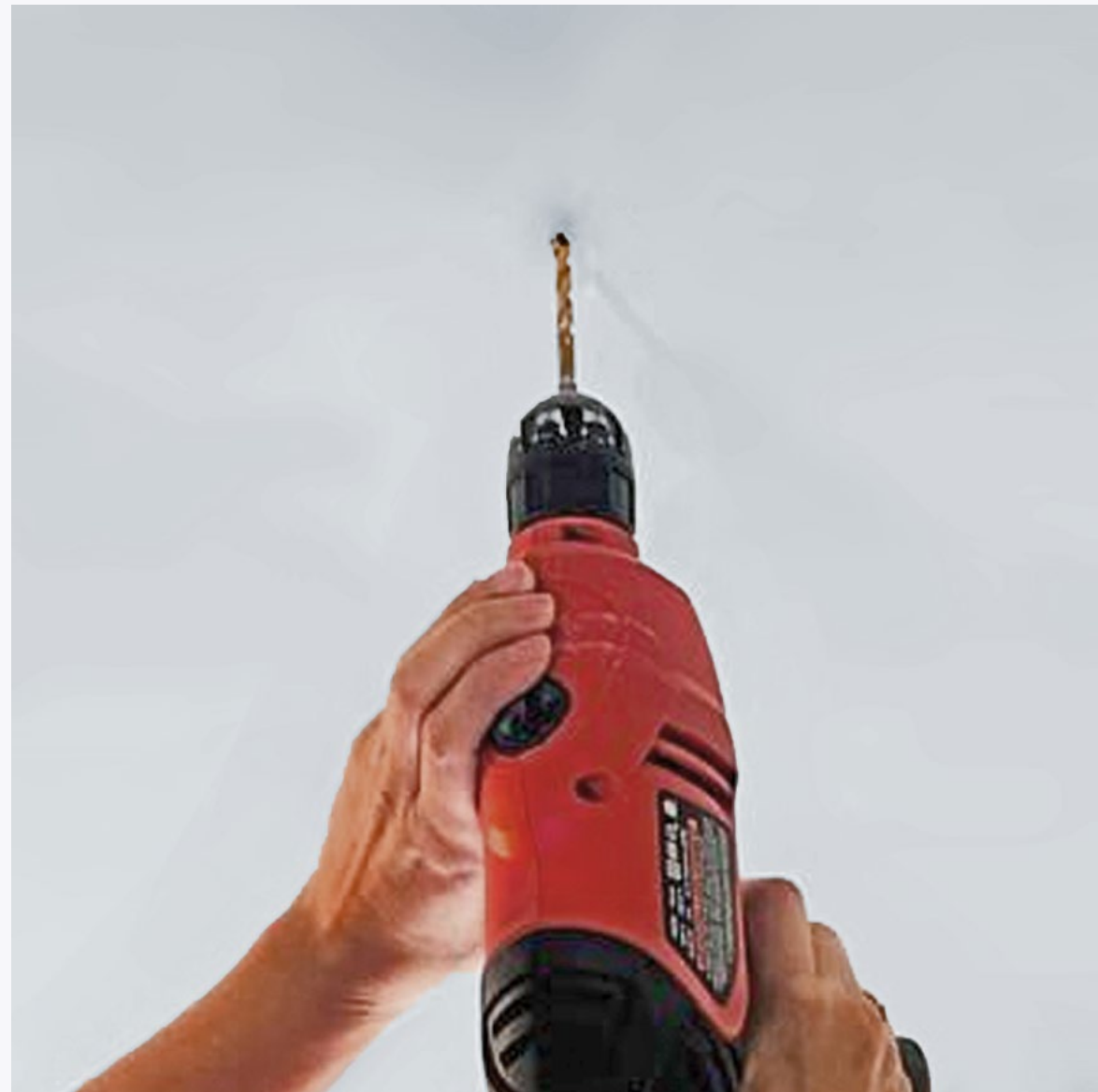
# INSTALLING BEAM

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5

**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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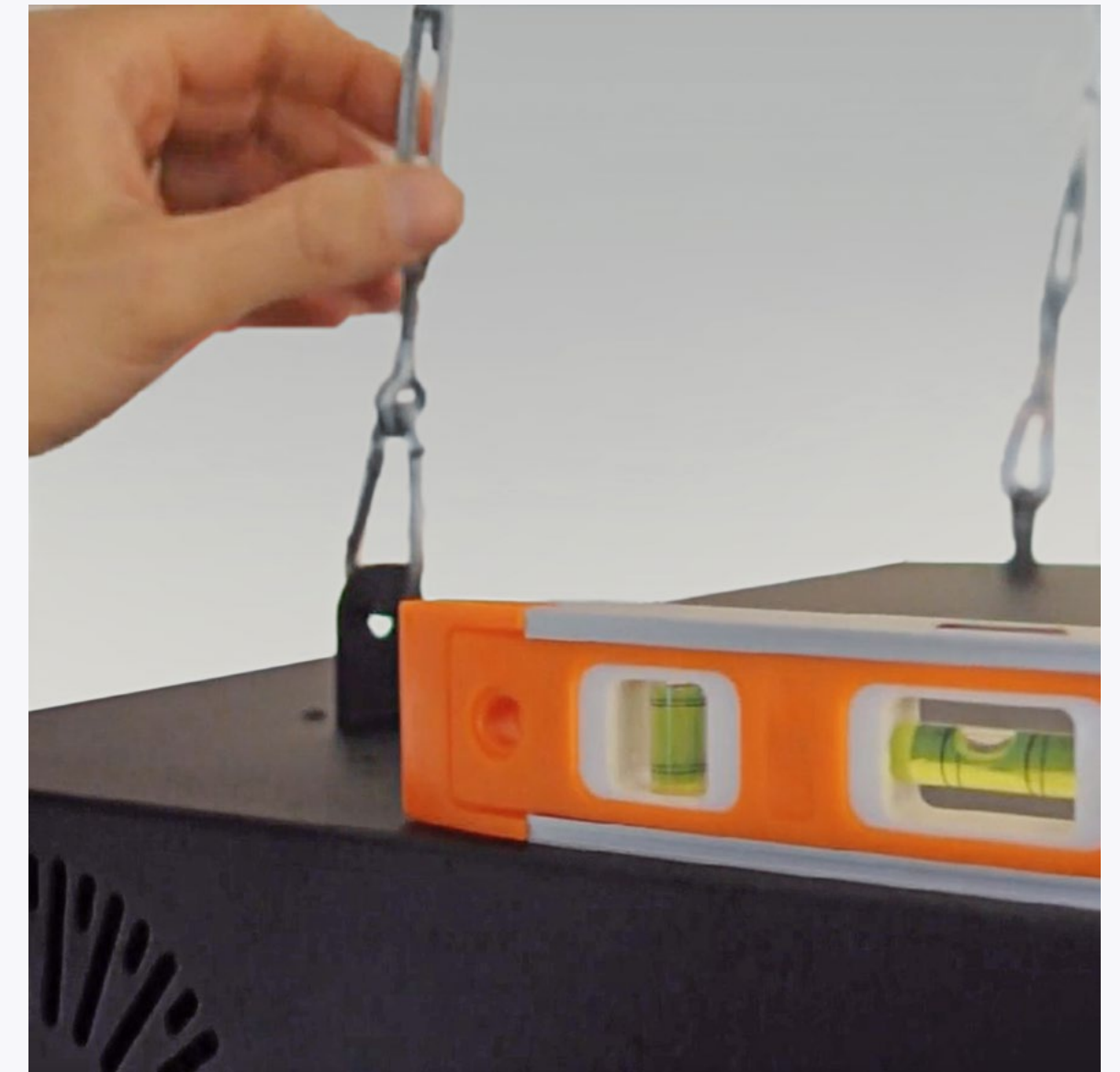
6

Mount the device by attaching one end of each **chain** to each of the **hook bolt anchors**, and the other end to the **turnbuckles** connected to the device's top panel.



7

Place the **leveler** on the device and adjust the **turnbuckles** until the device is **completely 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.



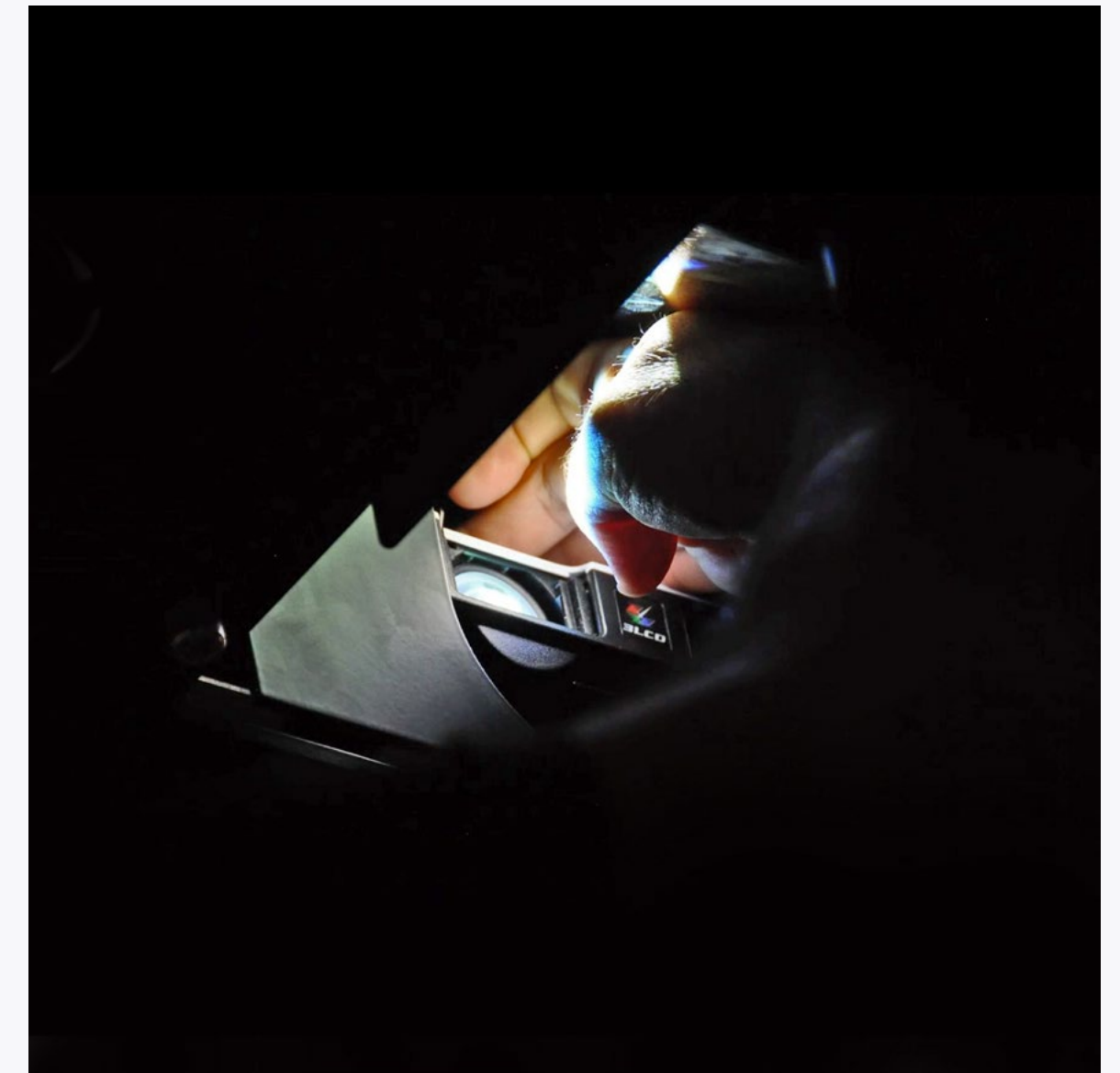
10

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



11

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





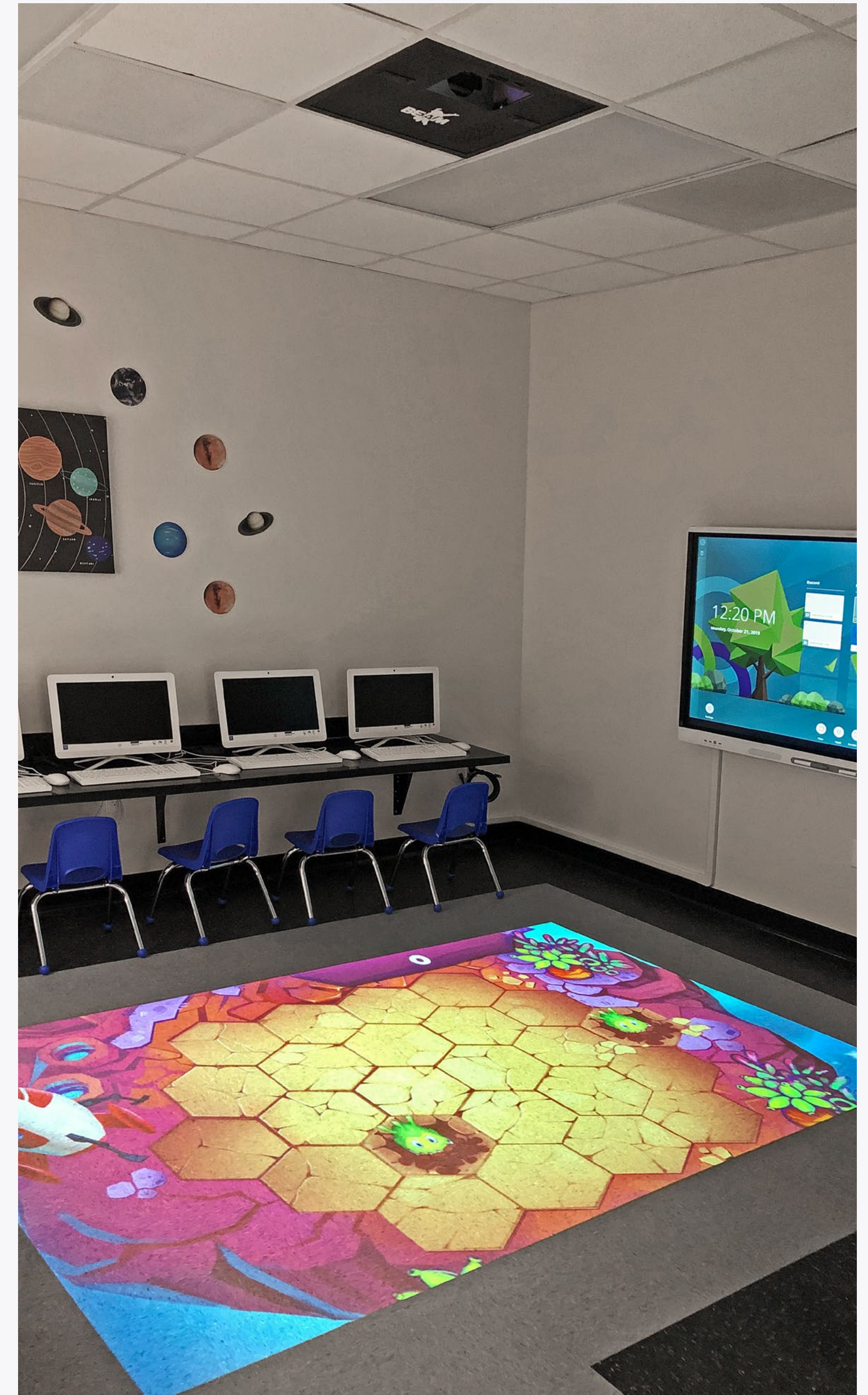
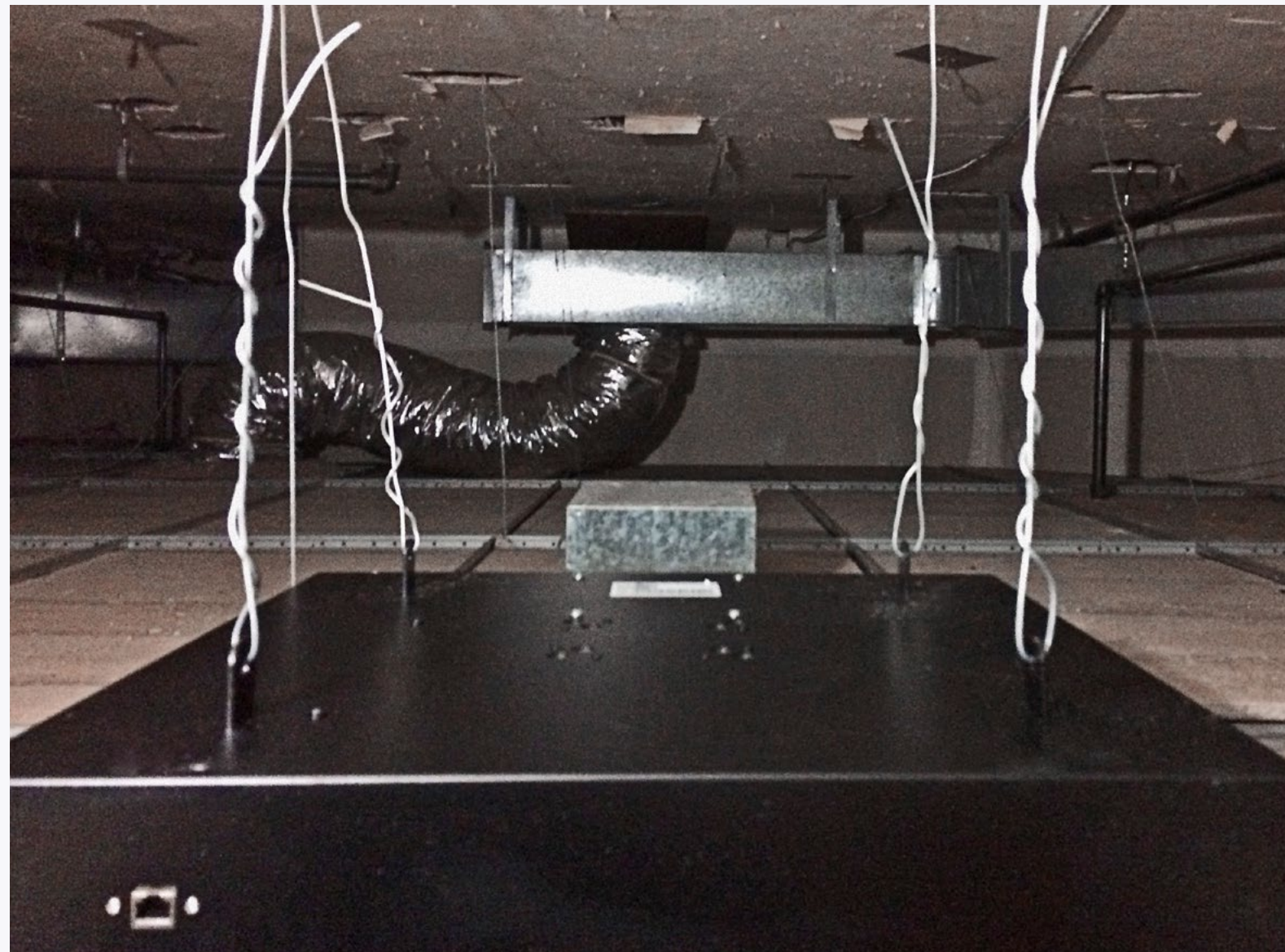
# DROP (FALSE) CEILING INSTALLATION

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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 chains attached to the true ceiling or a support beam - the drop ceiling's frame shouldn't carry the device's weight.





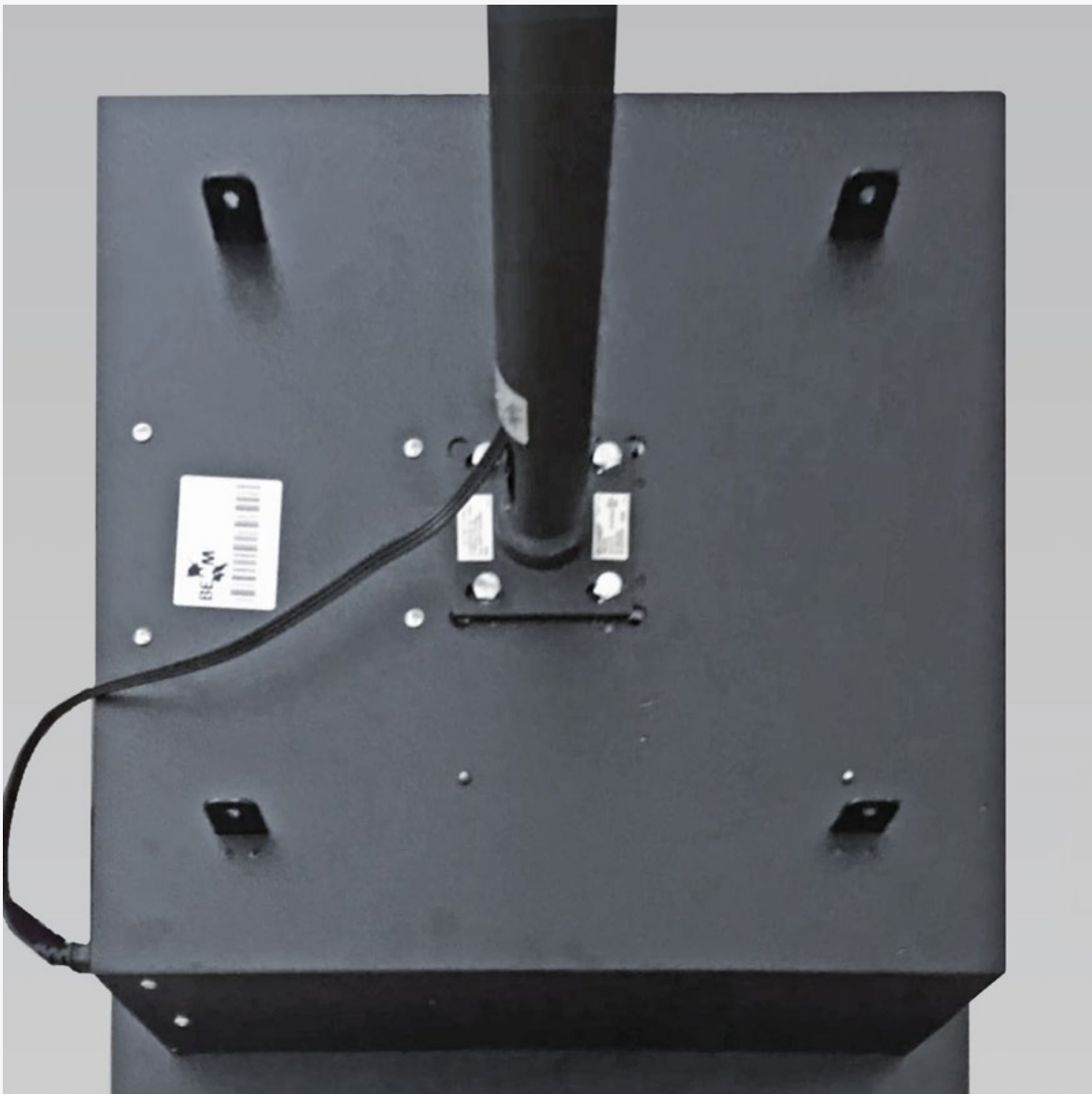
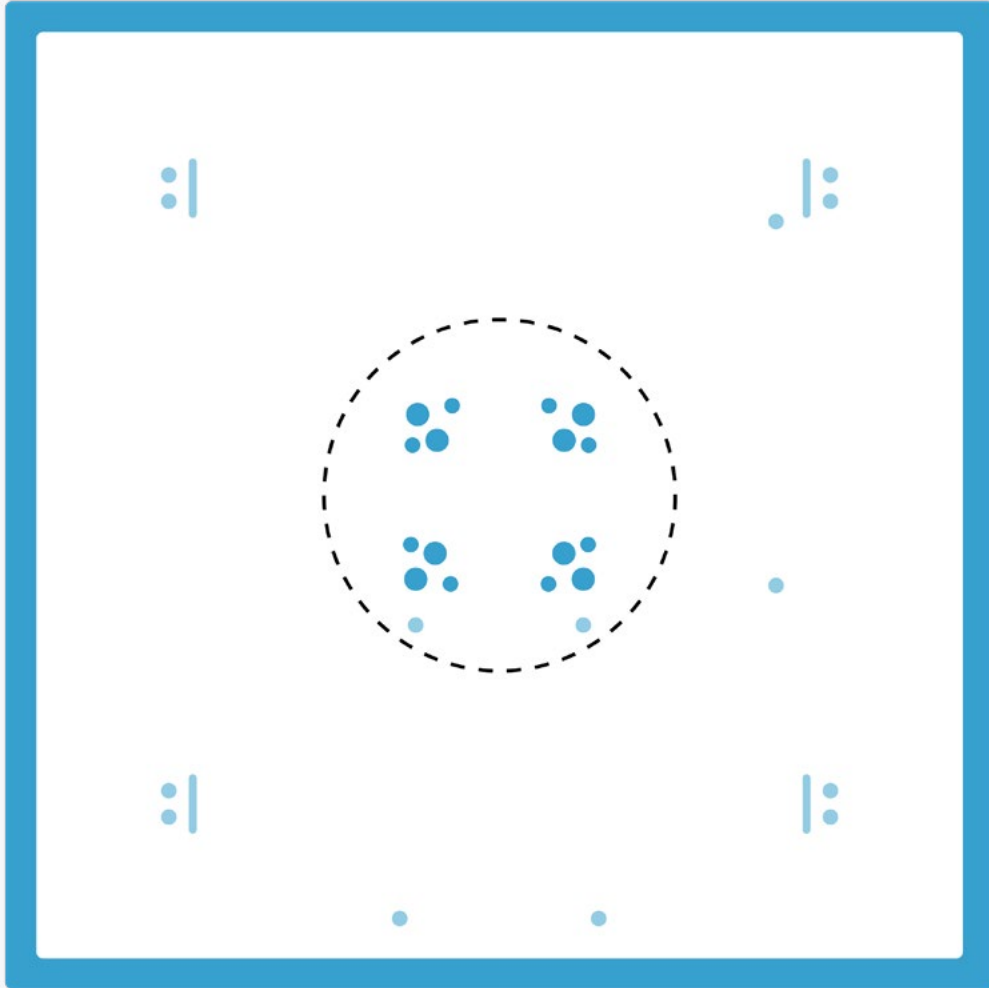
# INSTALLING BEAM



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



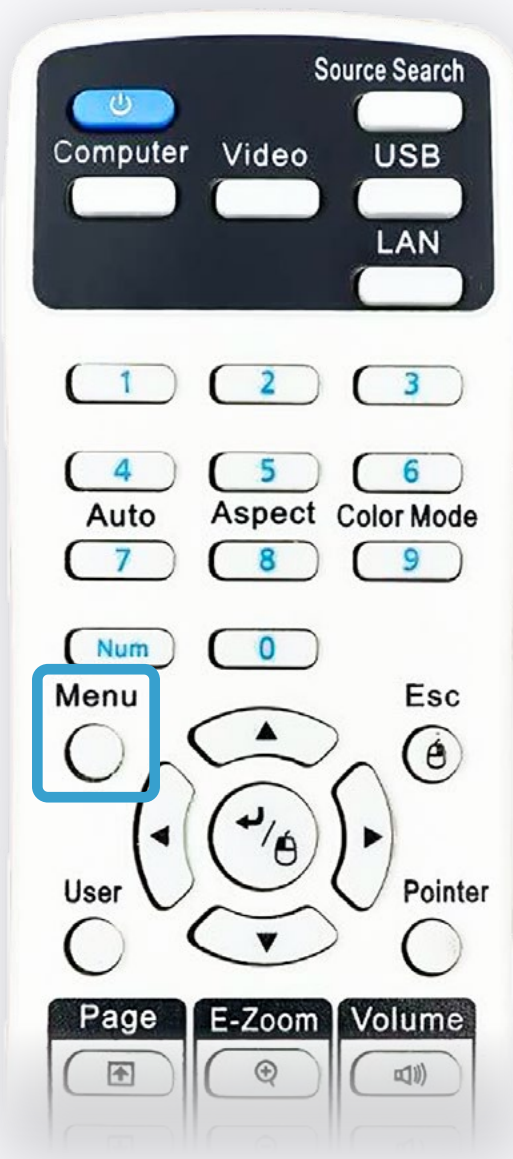
If needed, it's possible to slightly adjust the projection position after installing the device.

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



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

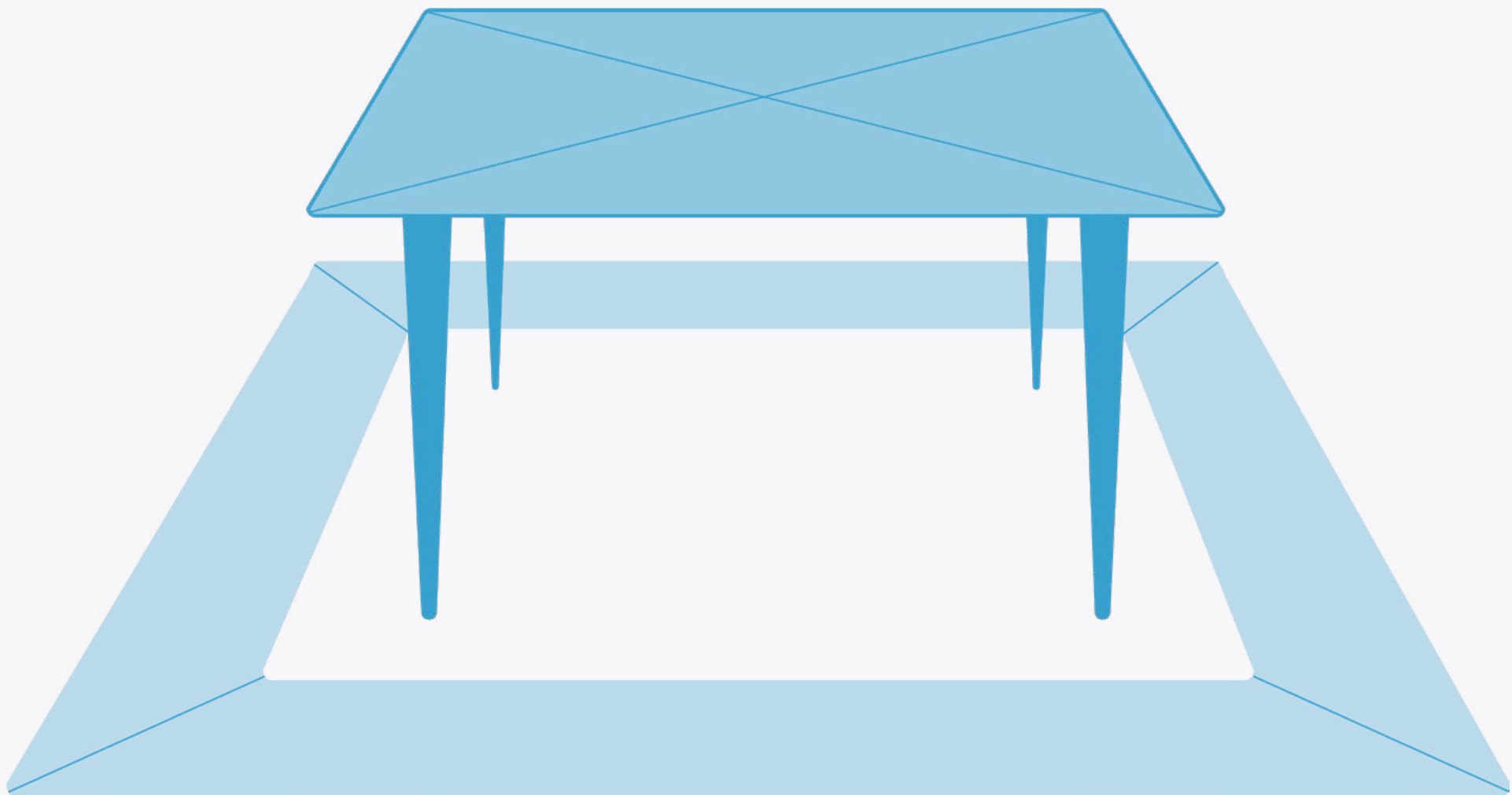
Note that after adjusting the keystones, the projection must be **calibrated** (calibration is available in the Settings section in the control area).



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

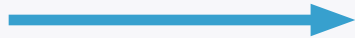
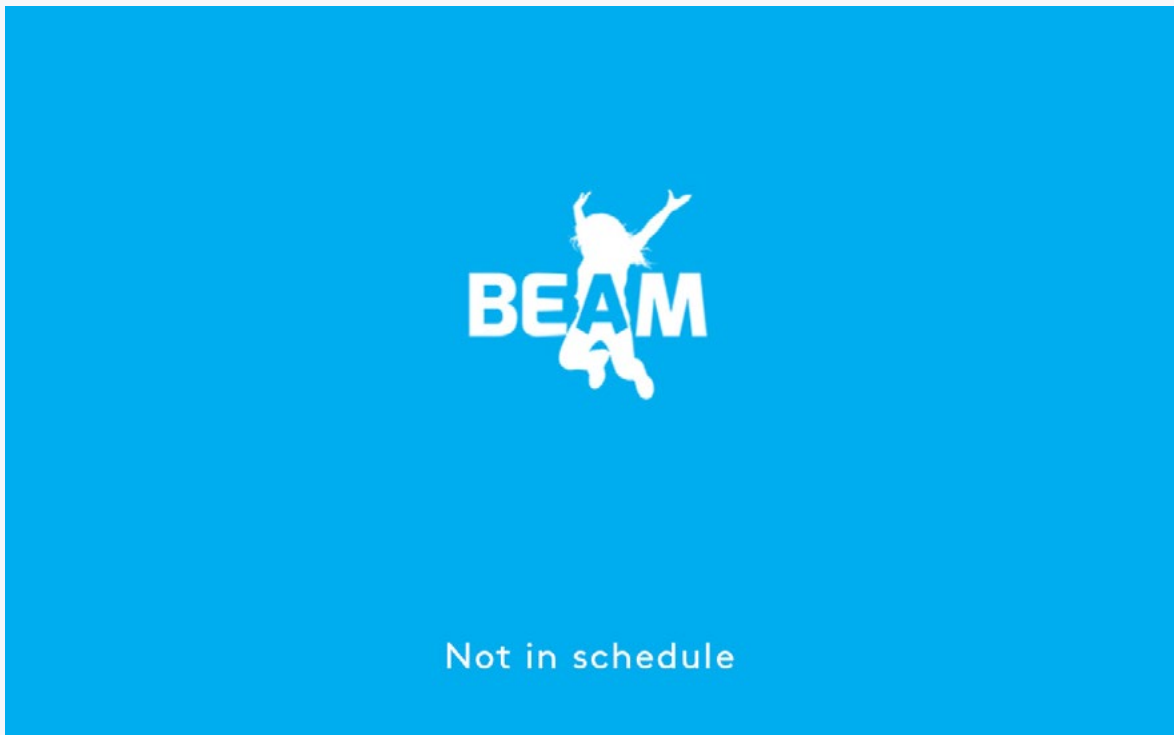




# SIGN IN & CONFIGURATION



If the projection is **illegible** during the sign in, 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).



# SIGN IN & CONFIGURATION

After finishing the initial projection setup and turning on your device, the login screen will be displayed.

- 1

CONNECT TO INTERNET

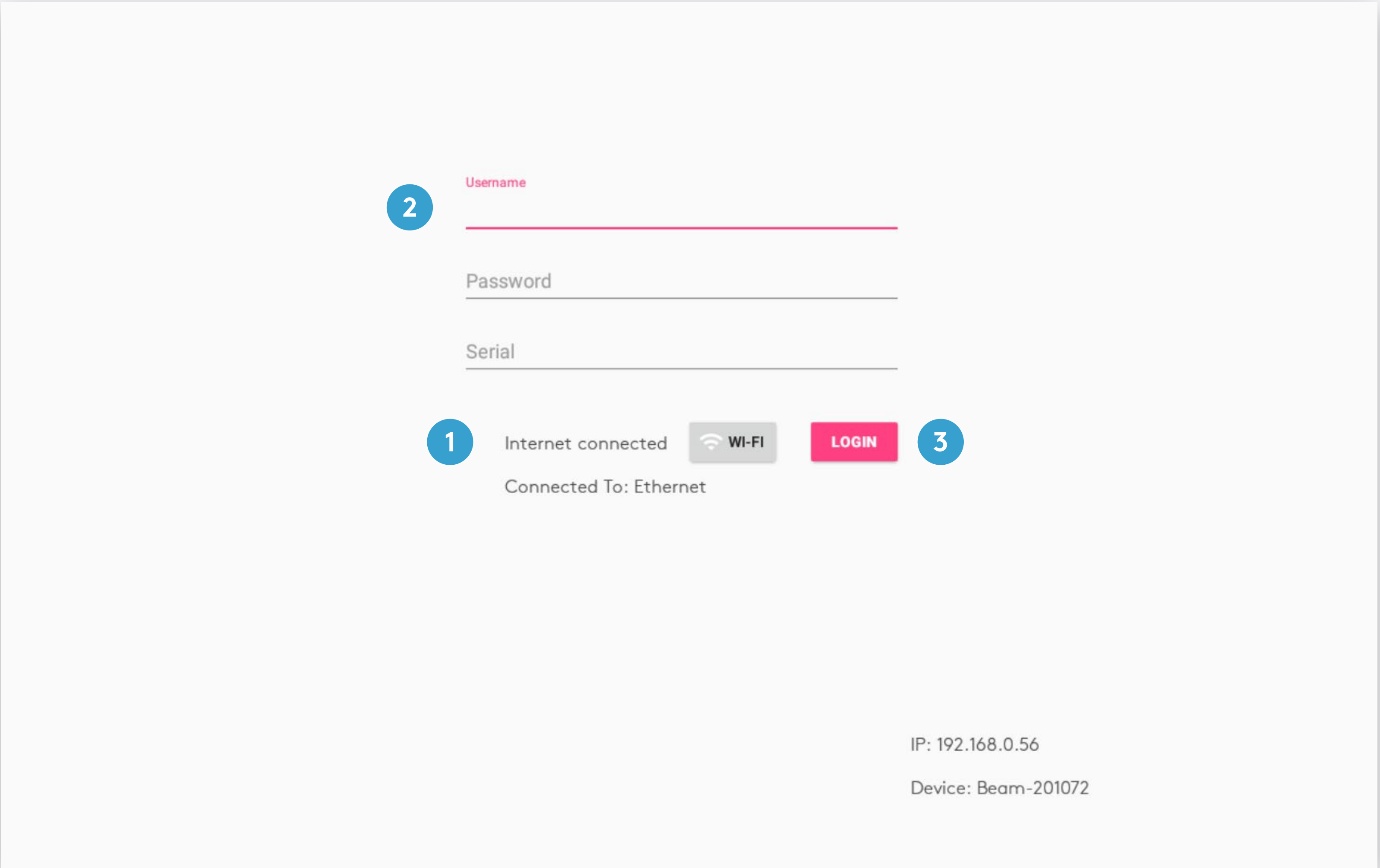
If the device is not connected through an Ethernet cable, select the WI-FI button and select and available network to connect to.
- 2

ENTER CREDENTIALS

Note that these are case-sensitive.  
**Username:** eyeclick  
**Password:** Qwerty!#  
The device's **serial number** is listed on the sticker on the back of the keyboard.
- 3

LOGIN

Select the login button to continue.





# SIGN IN & CONFIGURATION

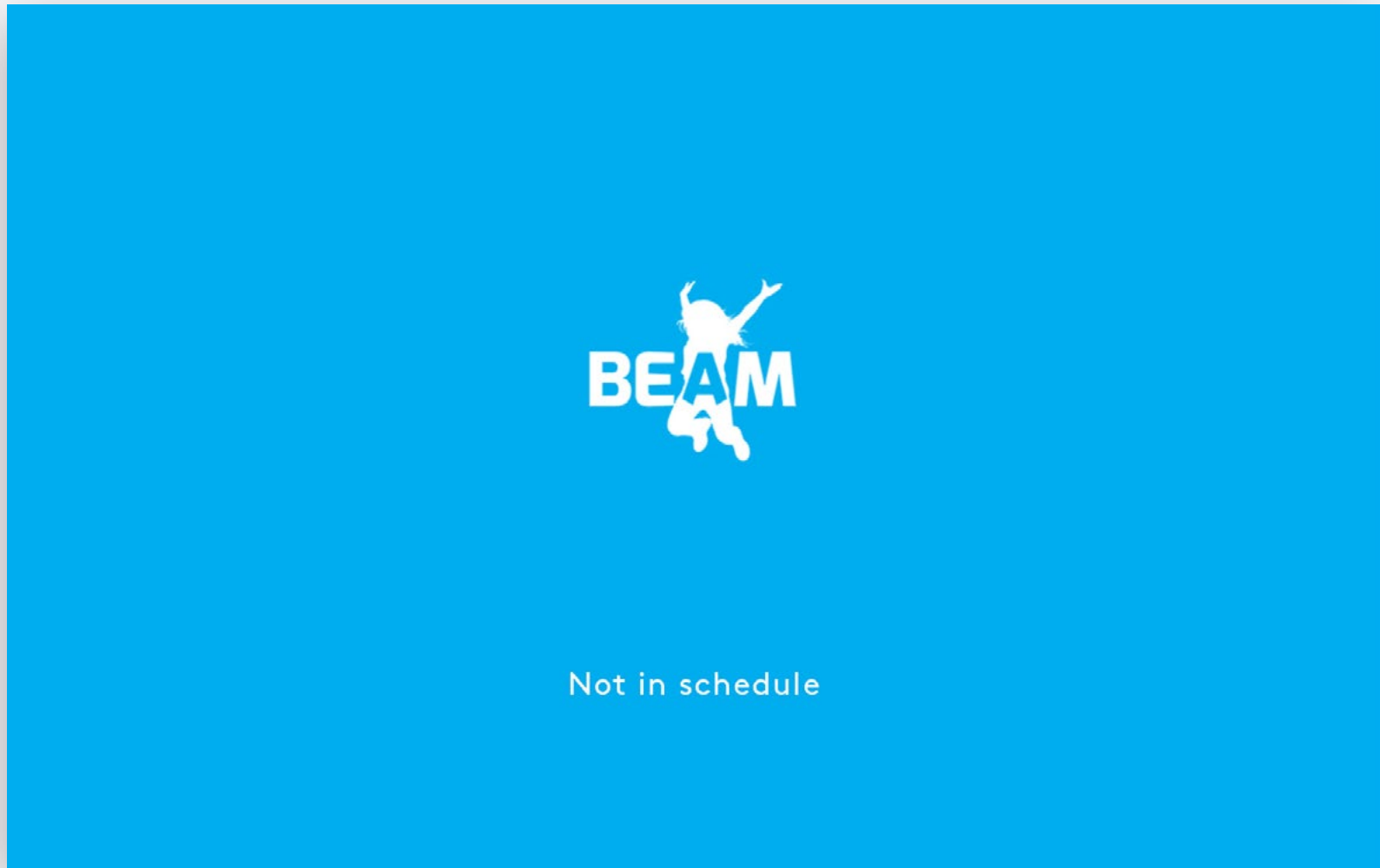
4

Once you've logged in, the device will start **downloading updates**. This step may take up to **20 minutes**. The device might restart automatically during this stage.



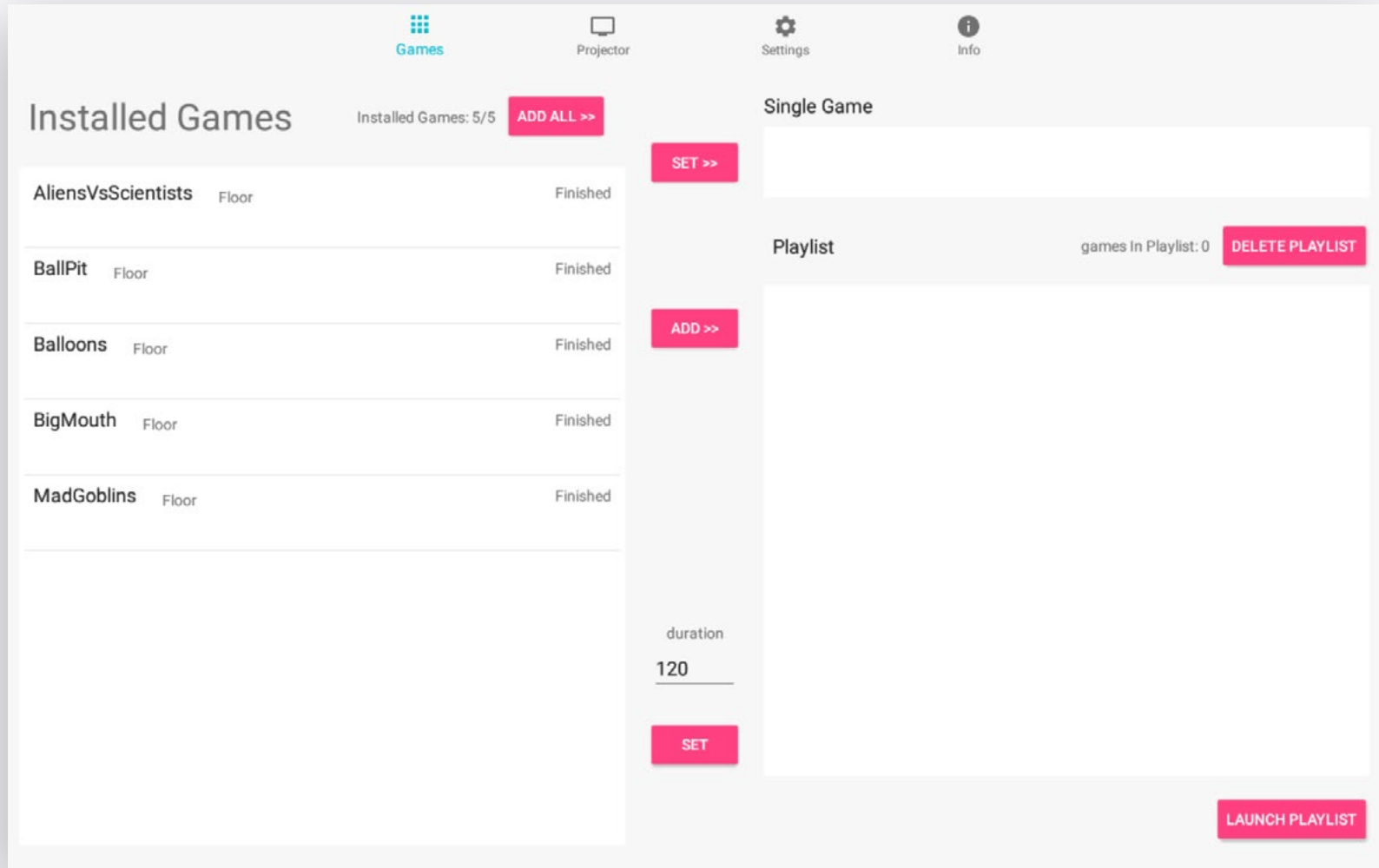
5

Once the device has been updated and is ready, the progress slider will be replaced by a text: "**Not in schedule**".



6

Hold **Ctrl+Q** to make the **control area** appear. Please read the **BEAM QuickStart Guide** to learn more about the control area.



# SIGN IN & CONFIGURATION

While in the control area, please hold the **Ctrl** key while typing **iddqd** to access the **maintenance section**.

7

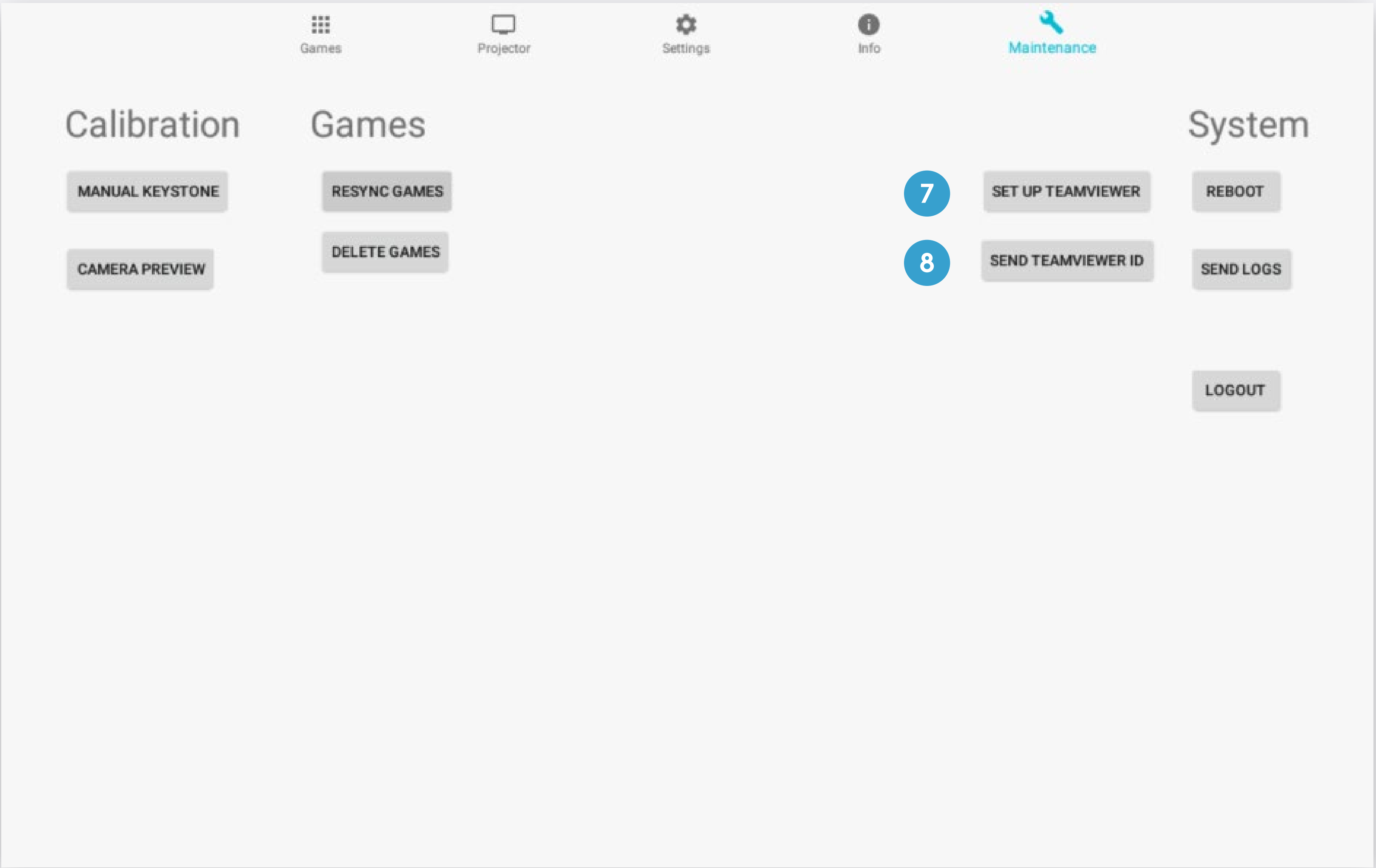
## SET UP TEAMVIEWER

Tap the button. A **dialog** will appear. In it, select **Assign**. After, tap the **right button** on the trackpad to return back.

8

## SEND TEAMVIEWER ID

Tap this button to share the ID with our support team.

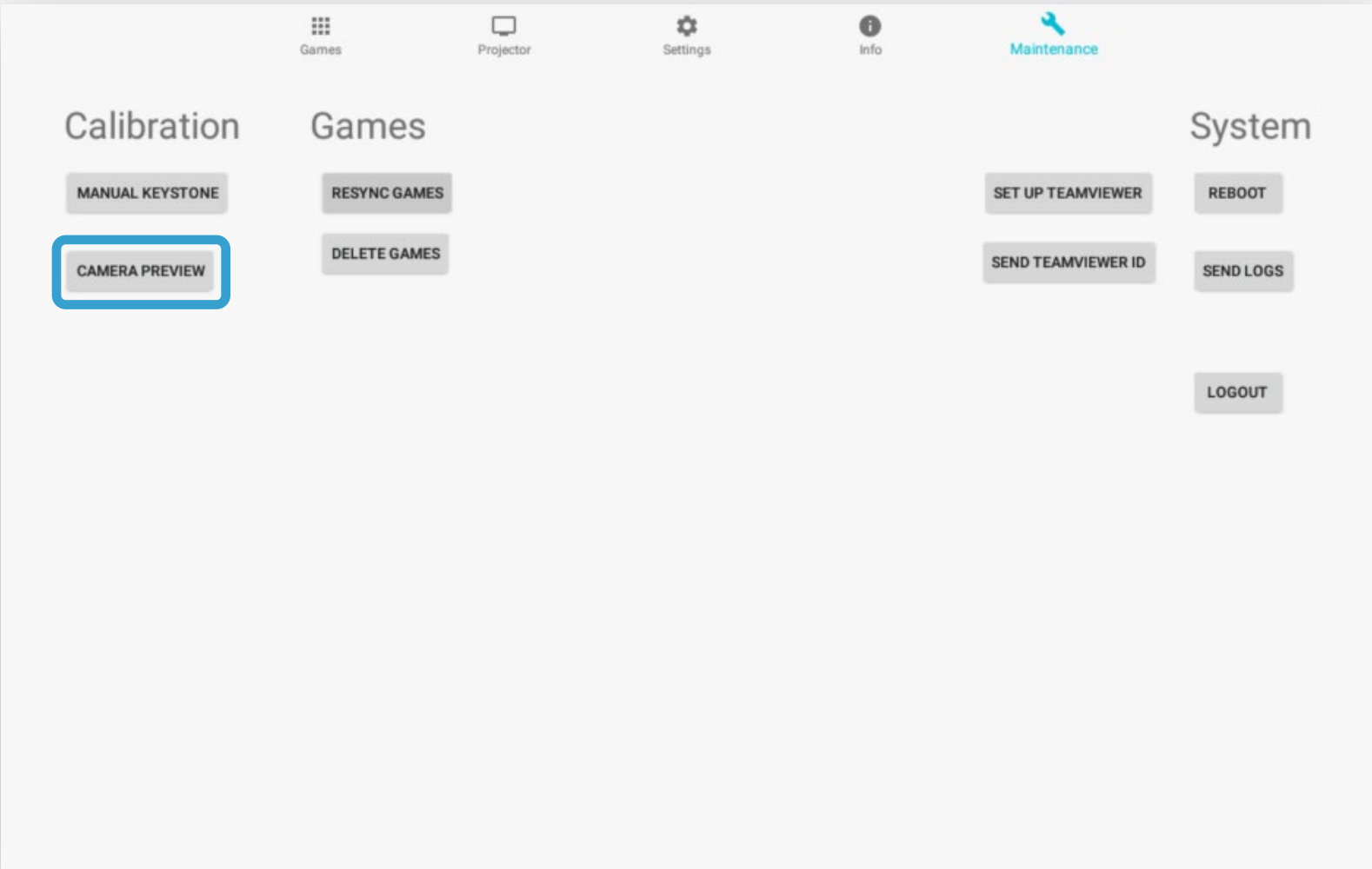


# SIGN IN & CONFIGURATION

Now let's make sure the motion sensor camera is capturing the projection area correctly.

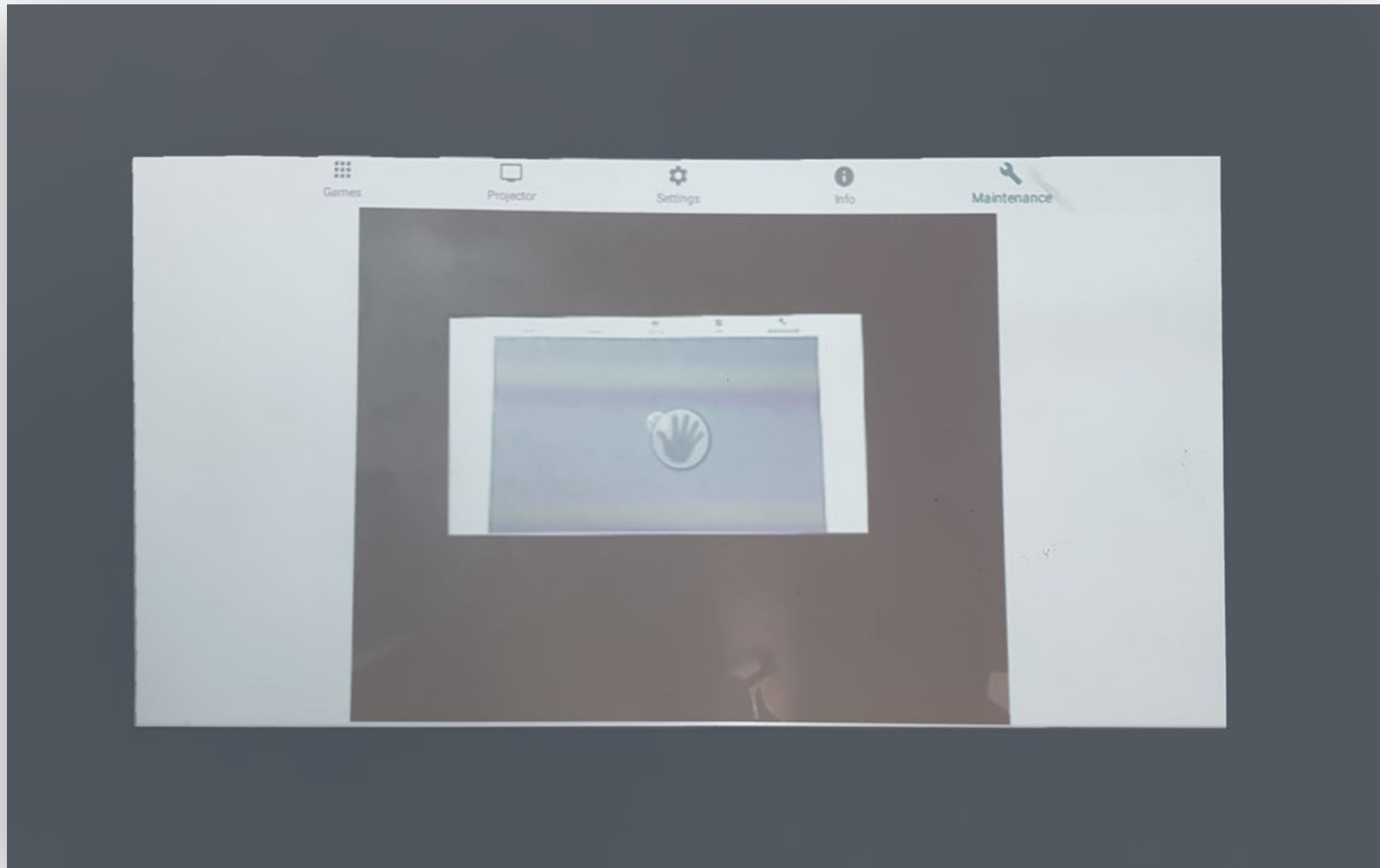
9

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



10

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



11

**Tilt** the camera mirror to move the direction if needed. You can also reduce the **projection scale** through the **zoom wheel** on the projector.

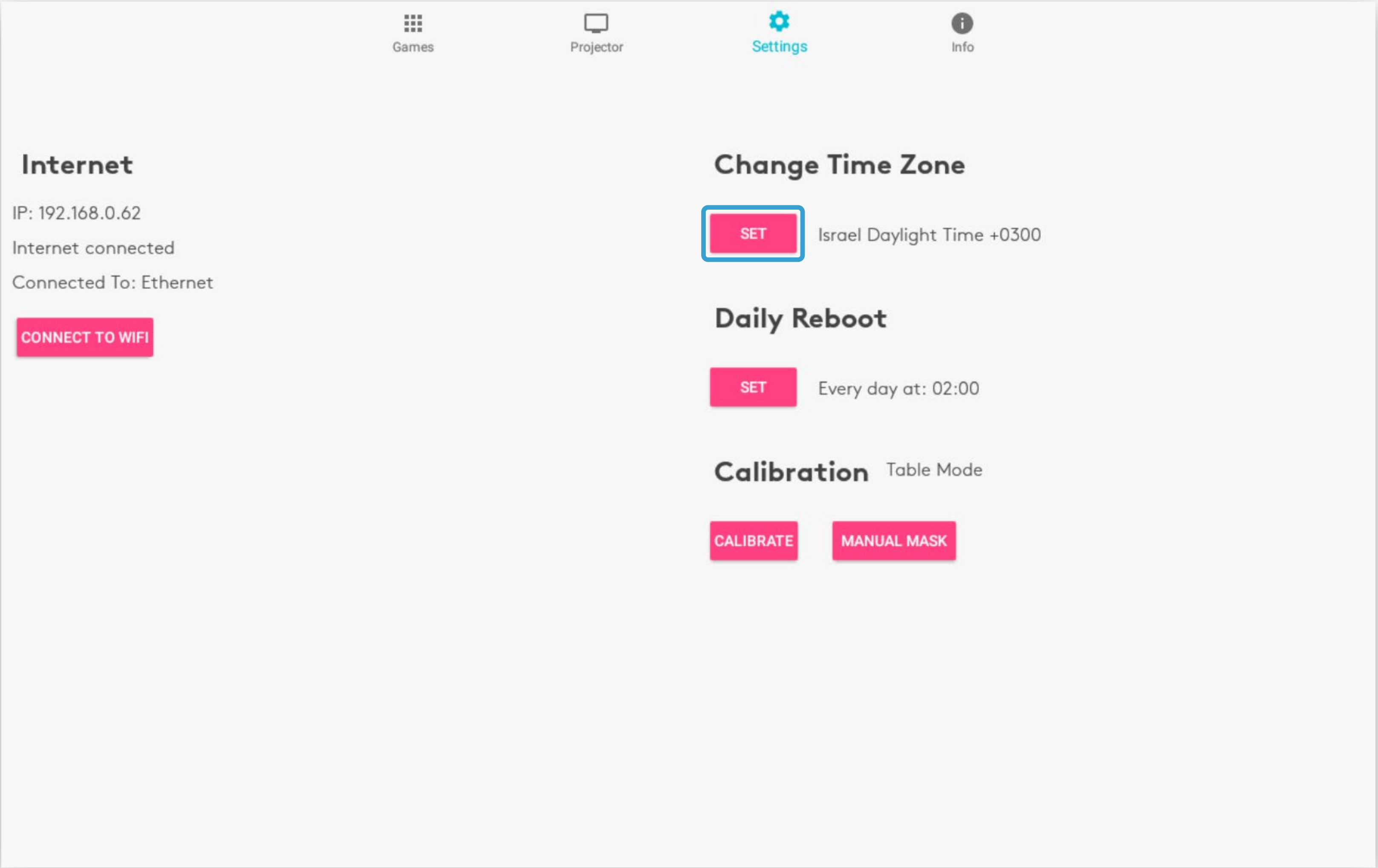
Note that **any change to the projection** setup requires **calibrating** it through the **Settings** section.





# SIGN IN & 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.

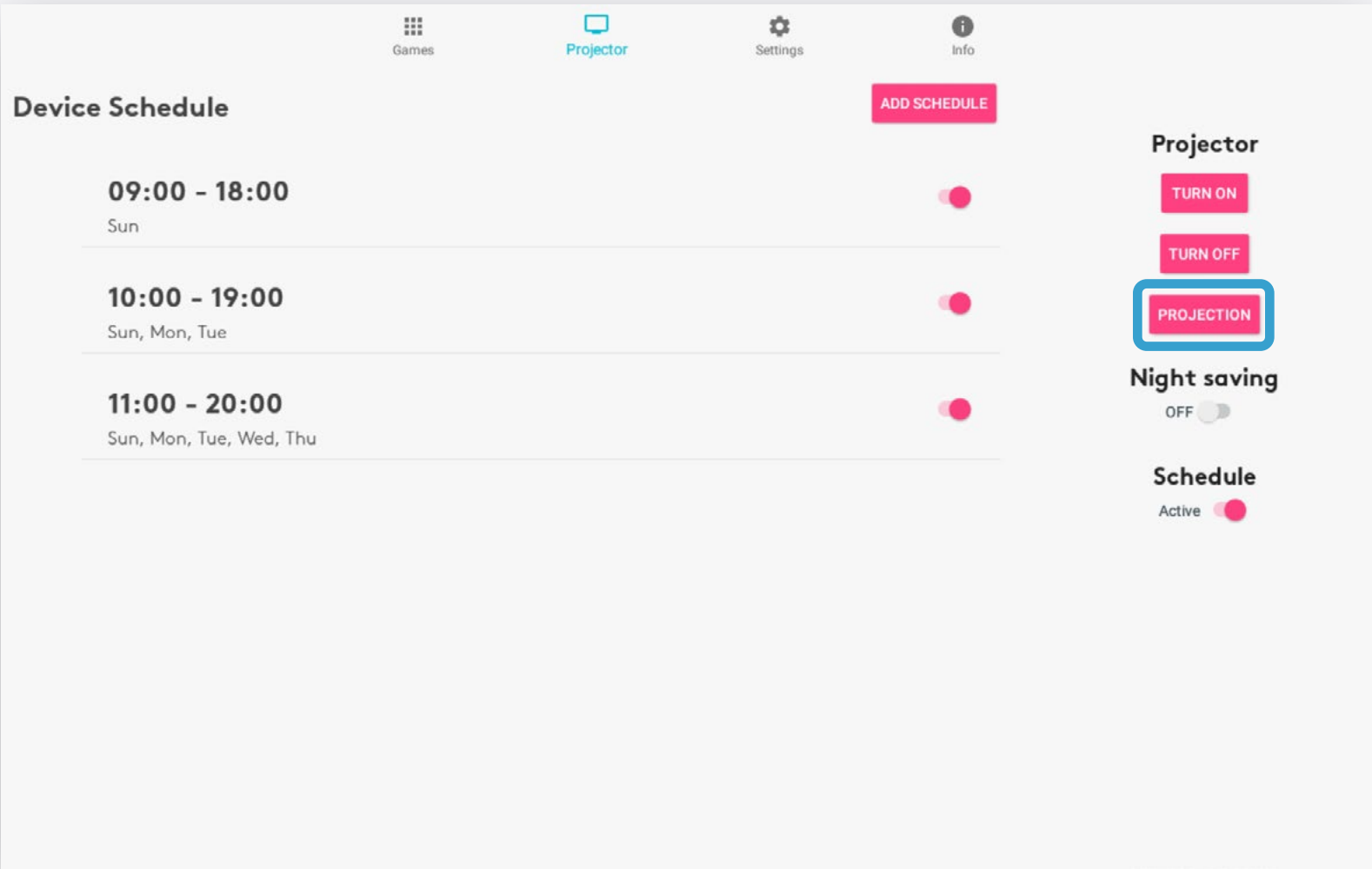
# FITTING THE PROJECTION TO A TABLE

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.

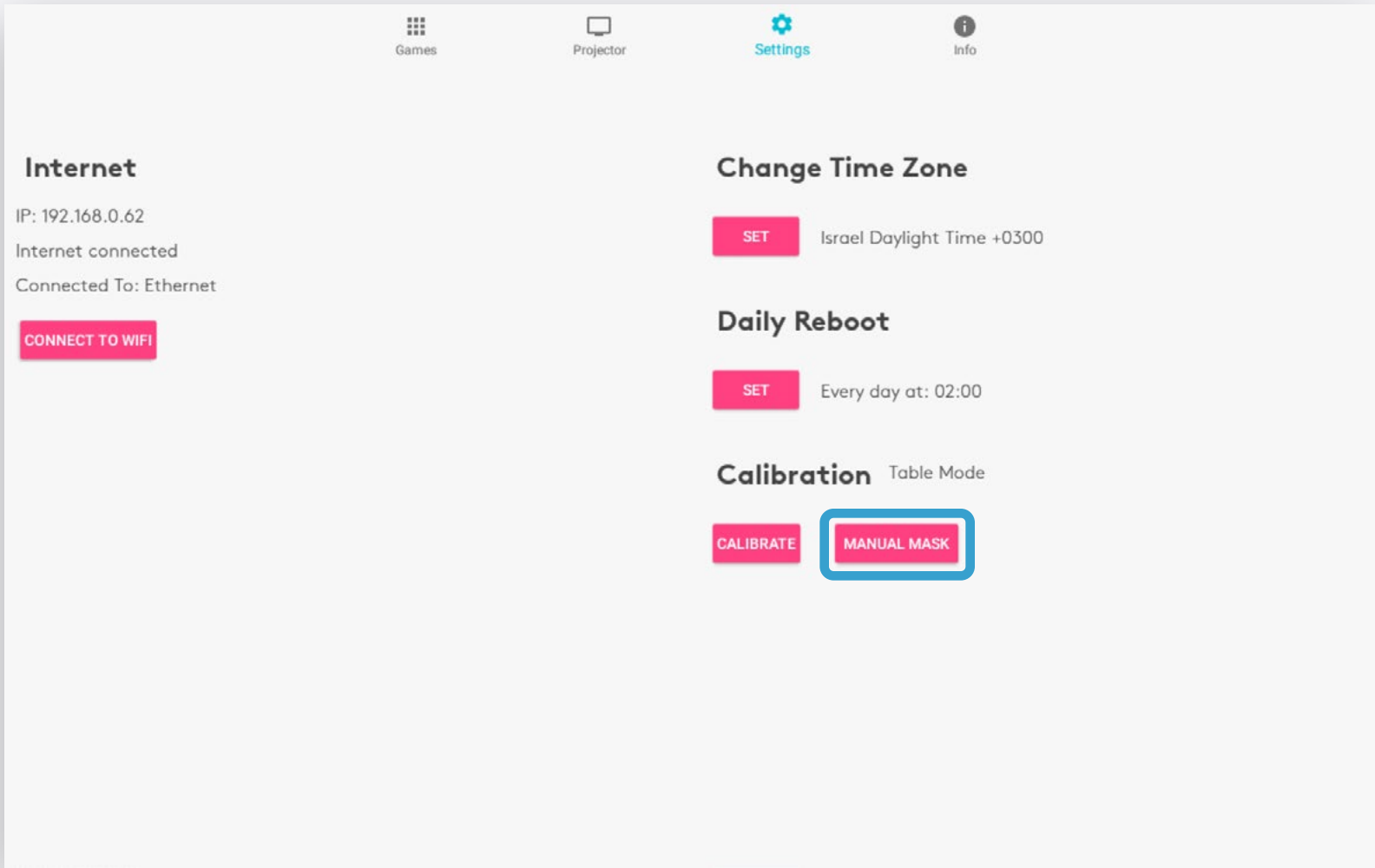
1

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



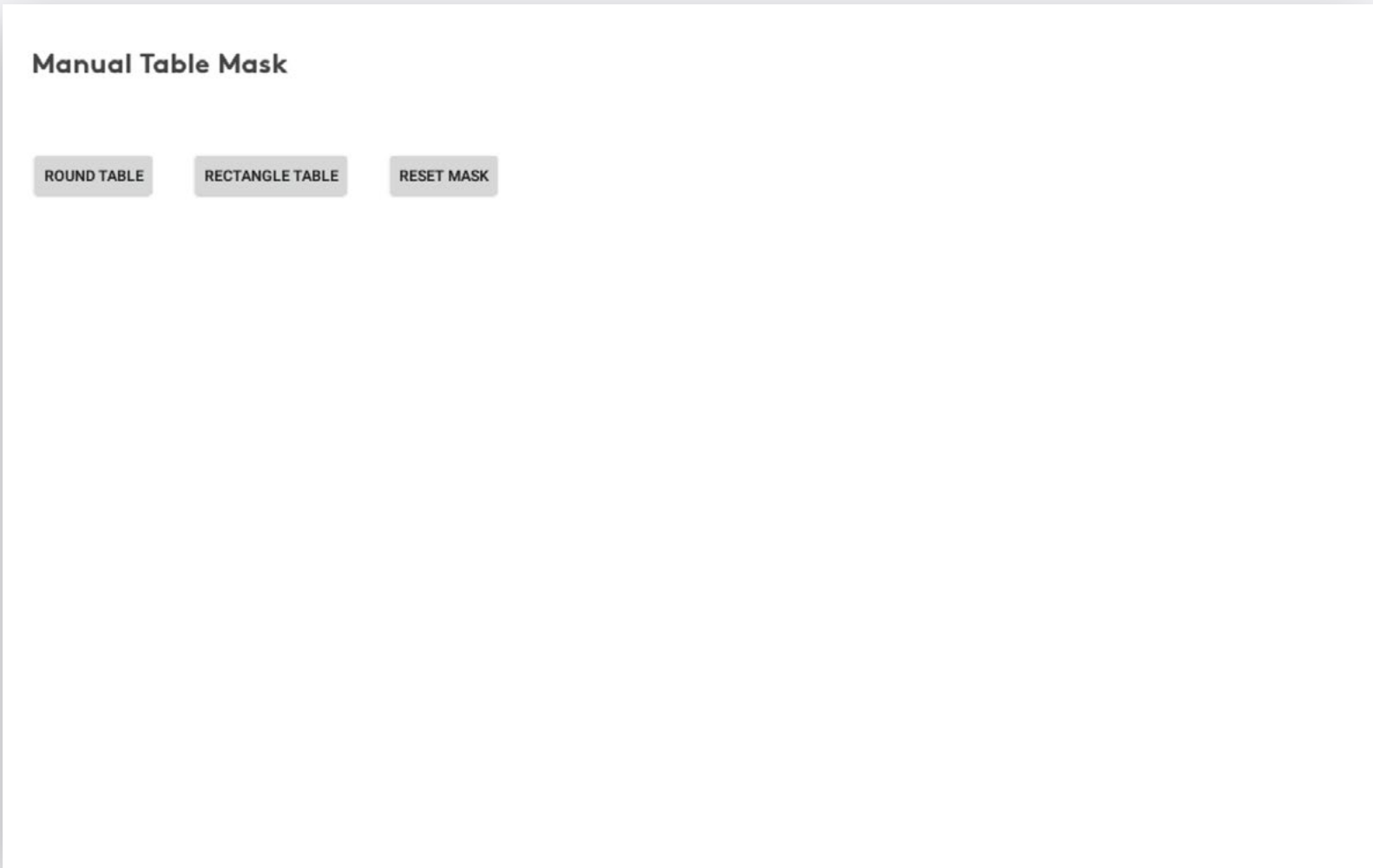
2

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

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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.



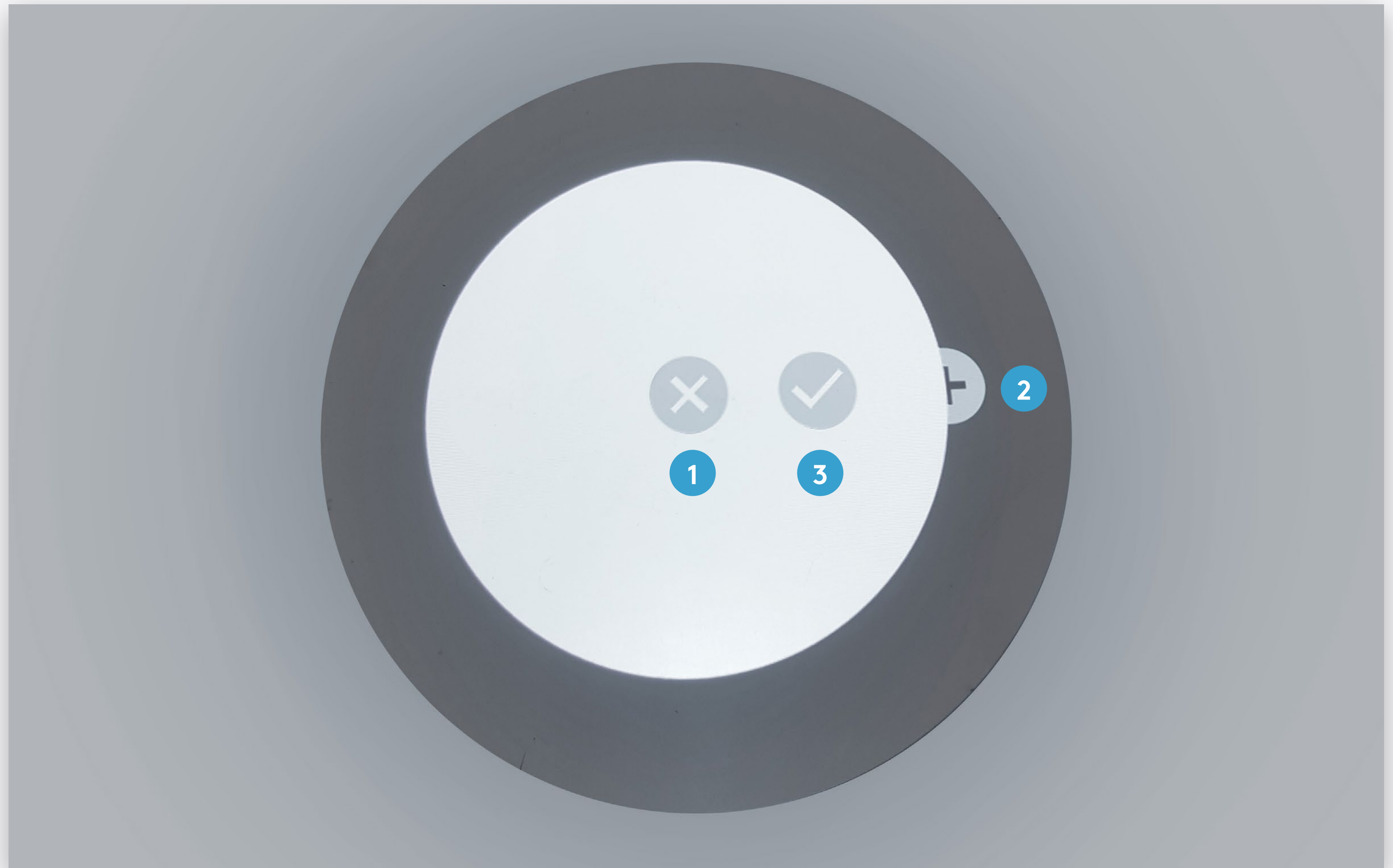


# FITTING THE PROJECTION TO A TABLE

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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.



# 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/>

