SimBooth

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WARNING

PLEASE READ THE FOLLOWING BEFORE USE.

FAILURE TO FOLLOW THE INSTRUCTIONS COULD RESULT IN SERIOUS INJURY, PROPERTY DAMAGE, AND/OR VOID THE DEVICE WARRANTY.

1. Do NOT install IDRA II in a location where its operating temperature may be exceeded. Excessive temperatures may damage the launch monitor. Recommended operating temperature range is 0°C – 50°C (32°F – 122°F).

2. Install IDRA II in a room free of excessive dust and humidity to prevent the lens or optical components of IDRA II from becoming clouded or dirty. The recommended humidity level for the room is 30 to 65%.

3. Do NOT attempt to disassemble, repair, or modify IDRA II. Doing so may result in fire, electrical shock, or injury. Contact our support team if any problems occur with the launch monitor.

4. Make sure the hitting zone is not located in direct sun exposure.

5. Be aware of your surroundings and use cautiously with children around.

6. Do NOT install IDRA II outside. This device is only designed for indoor use.

7. Do NOT touch the LED light as it may cause burns, and avoid looking directly at the light to prevent potential eye damage.

PC SPECIFICATIONS WITH GSPRO

Requirement	Minimum	Recommended
Processor	Intel Core i7, 10th Gen, with at least 16 logical processors	**Intel Core i7, 10th Gen or newer, with at least 24 logical processors**
Storage	512 GB	**1 TB**
GPU	Nvidia GeForce RTX 20 series	**Nvidia GeForce RTX 40 series or newer**
RAM memory	16 GB	**32 GB**
USB Ports	2 USB 3.0 & 1 USB-C ports are required	
Internet	High-speed Internet is required	

PC SPECIFICATIONS WITH E6 CONNECT

Requirement	Minimum	Recommended
Processor	Intel Core i7, 10th Gen or newer, with at least 16 logical processors	
Storage	512 GB	
GPU	Nvidia GeForce RTX 20 series	**Nvidia GeForce RTX 30 series or newer**
RAM memory	16 GB	
USB Ports	2 USB 3.0 & 1 USB-C ports are required	
Internet	High-speed Internet is required	

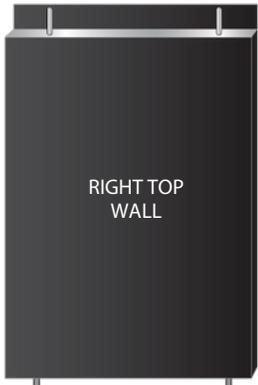⚠️ **WARNING**

AMD PROCESSORS & GPUS ARE NOT SUPPORTED.

DO NOT USE USB CABLE EXTENSION BETWEEN YOUR PC AND YOUR IDRA II.
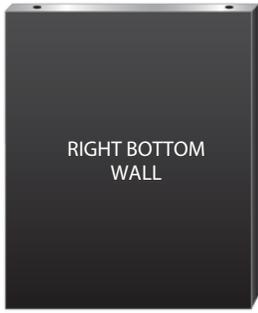
PARTS LIST

WALL PANELS

RIGHT WALLS

RIGHT TOP WALL

RIGHT BOTTOM WALL

LEFT WALLS

LEFT TOP WALL

LEFT BOTTOM WALL

FLOOR PANELS

FLOOR 1

FLOOR 2

FLOOR 3

FLOOR 4

HITTING MAT

FLOOR 6

FLOOR 5

CEILING PANELS

LEFT CEILING

MIDDLE CEILING

RIGHT CEILING

PARTS LIST

ACCESSORIES

Bolt-01
3-1/2" (4x)

Wing Nuts (4x)

Washer (42x)

Nuts (32x)

Bolt-03
3-1/2" (8x)

Bolt-02
2" (4x)

Black impact screen

Scissor bar (2x)

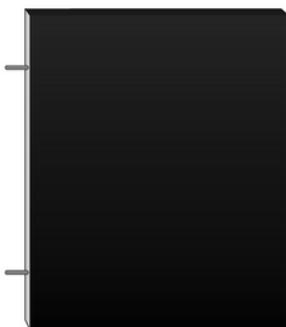White screen

Projector and remote

Hitting mat

Tees (10x)

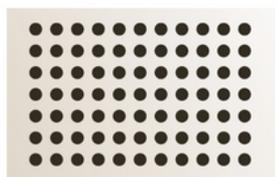Half wall (2x)

Projector beam

Wire Cover

LAUNCH MONITOR

IDRA II AI launch monitor

With power cable and two
USB camera cables (1x)

Calibration board (1x)

Nuts + Washers
(2x)

USB Hub (1x)

Wireless remotely
operated switch (1x)
(Only included in North America)

For illustration purposes only. Model may vary.

END OF PARTS LIST

BEFORE STARTING

You will need 4 people, 2 ladders,
a screwdriver and 1/2 wrench.

1

Insert & fix the left top wall to the left front ceiling with washers & nuts.

2x Washers
2x Nuts

LEFT TOP
WALL

LEFT
CEILING

2

Using Bolts-03,
washers, and nuts fix
the middle front ceiling
to the left front ceiling,
then fix the right front
ceiling to the middle
front ceiling.

4x Washers
4x Nuts
4x Bolts-03

LEFT TOP
WALL

LEFT
CEILING

MIDDLE
CEILING

RIGHT
CEILING

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3

Using washers & nuts, insert & fix the right front ceiling to the right top wall.

RIGHT TOP WALL

2x Washers
2x Nuts

LEFT TOP WALL

LEFT CEILING

MIDDLE CEILING

RIGHT CEILING

4

Insert & Fix both bottom wall panels to the top wall panels with washers & nuts by removing the bottom wall covers (velcro).

4x Washers
4x Nuts

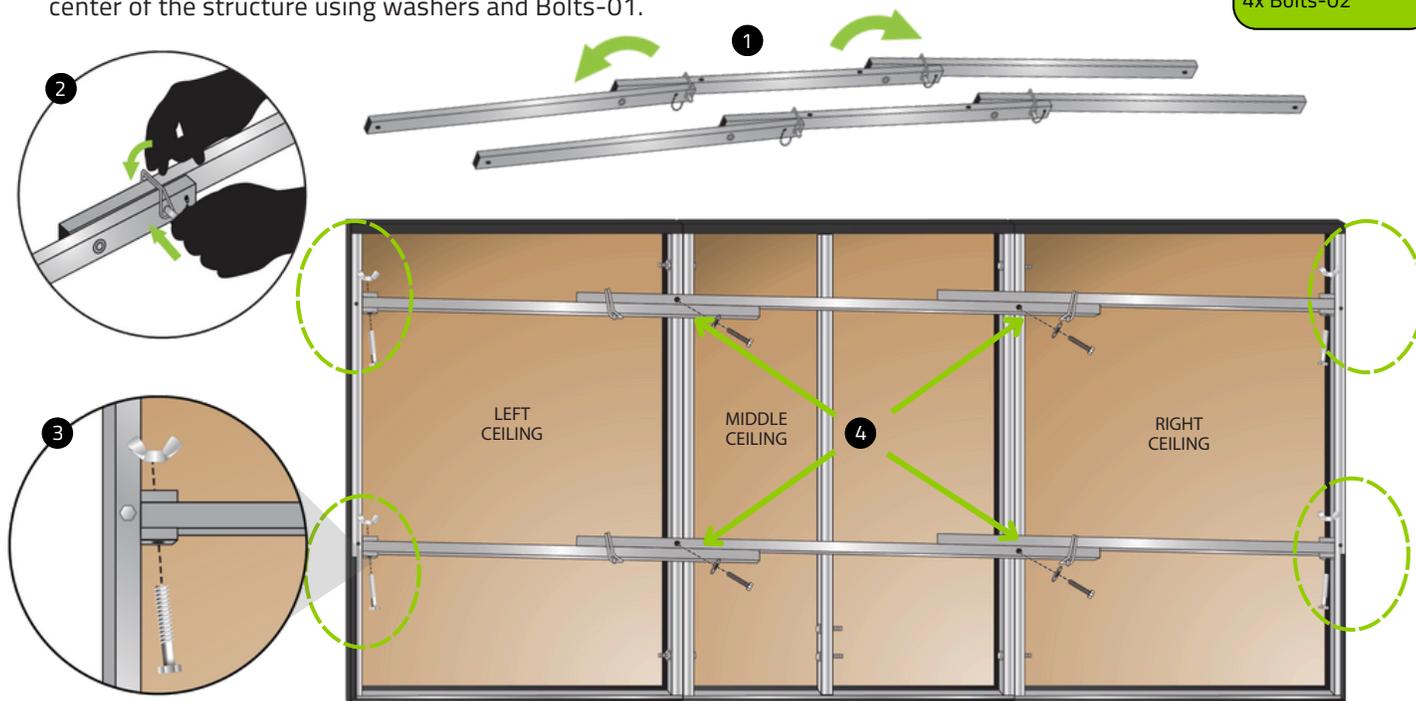Velcro

LEFT BOTTOM WALL

LEFT BOTTOM WALL (COVER)

RIGHT BOTTOM WALL

RIGHT TOP WALL

LEFT TOP WALL

LEFT CEILING

MIDDLE CEILING

RIGHT CEILING

5

(1) Unfold the scissor bars and **(2)** secure them with the safety pins. **(3)** Attach the scissor bars to both ends of the structure using washers, wing nuts, and Bolt-02. **(4)** Attach the scissor bars to the center of the structure using washers and Bolts-01.

8x Washers
4x Wing Nuts
4x Bolts-01
4x Bolts-02

LEFT CEILING

MIDDLE CEILING

RIGHT CEILING

IT IS IMPORTANT TO COMPLETE THIS STEP BEFORE LIFTING THE STRUCTURE.
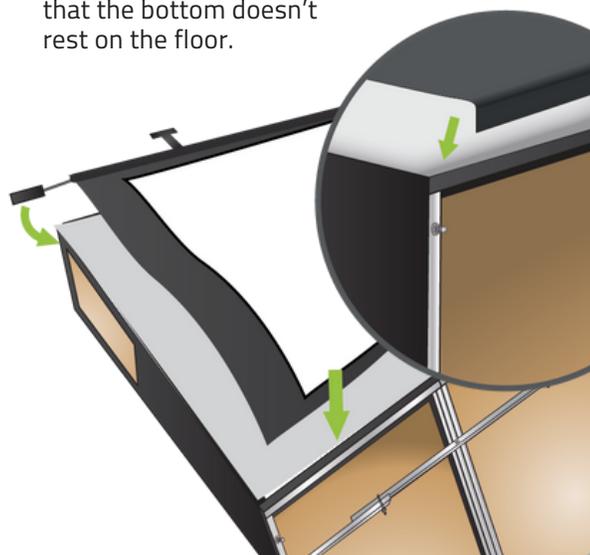
6

Attach the white screen to the structure with the velcros.

7

Attach the black netting over the white screen with the velcros. Make sure it is attached to the top velcro on the ceiling panels and that the bottom doesn't rest on the floor.

8

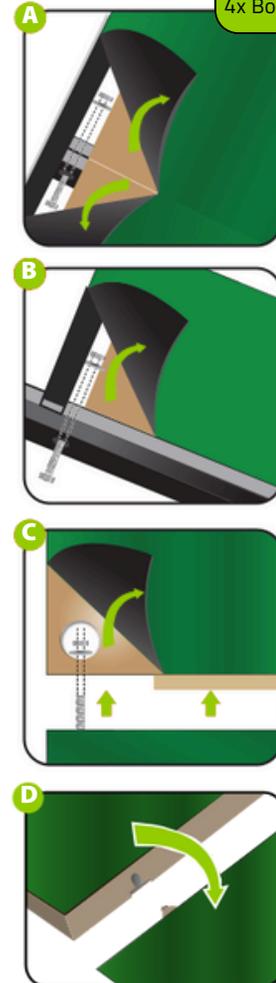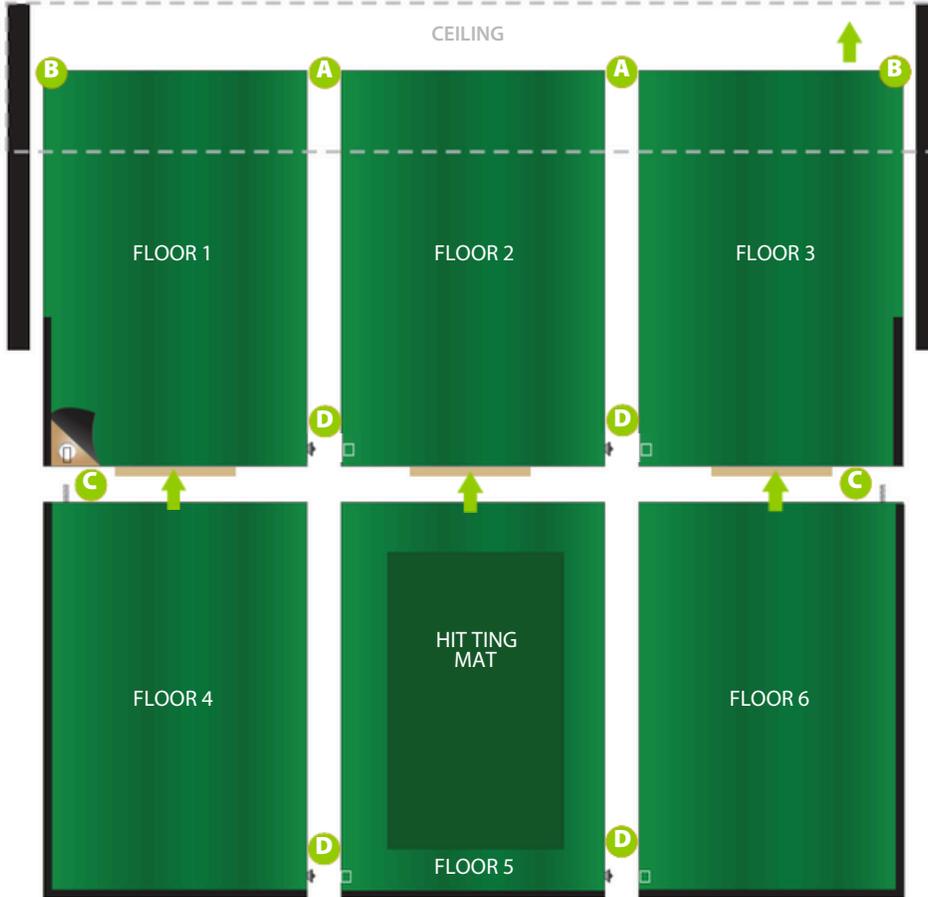Lift the structure with four people.

END OF STRUCTURE INSTALLATION SECTION

1

Install the floor sections in order (1 to 6). For A and B, you will need Bolts-03, washers, and nuts. For C, you will need washers and nuts.
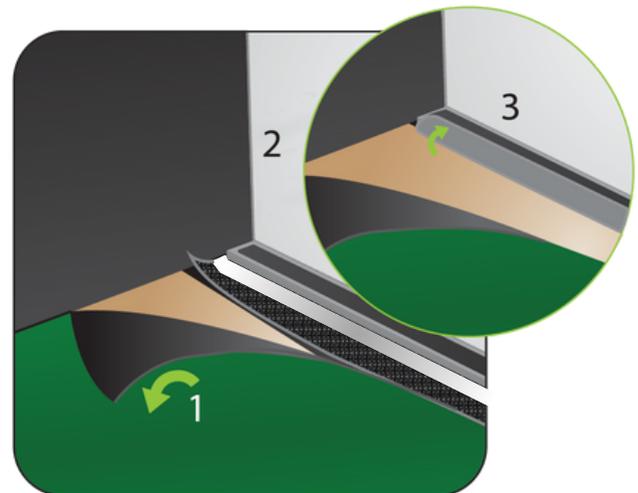
6x Washers
6x Nuts
4x Bolts-03

CEILING

B **A** **A** **B**

FLOOR 1

FLOOR 2

FLOOR 3

D **D**

C **C**

FLOOR 4

HIT TING MAT

FLOOR 6

D **D**

FLOOR 5

A

B

C

D

2

Step 1
Lift green carpet.

Step 2
Stretch the white screen behind and under the aluminum bar and reach for it through the space.

Step 3
Fix the screen on the first half of the velcro on the aluminum bar.
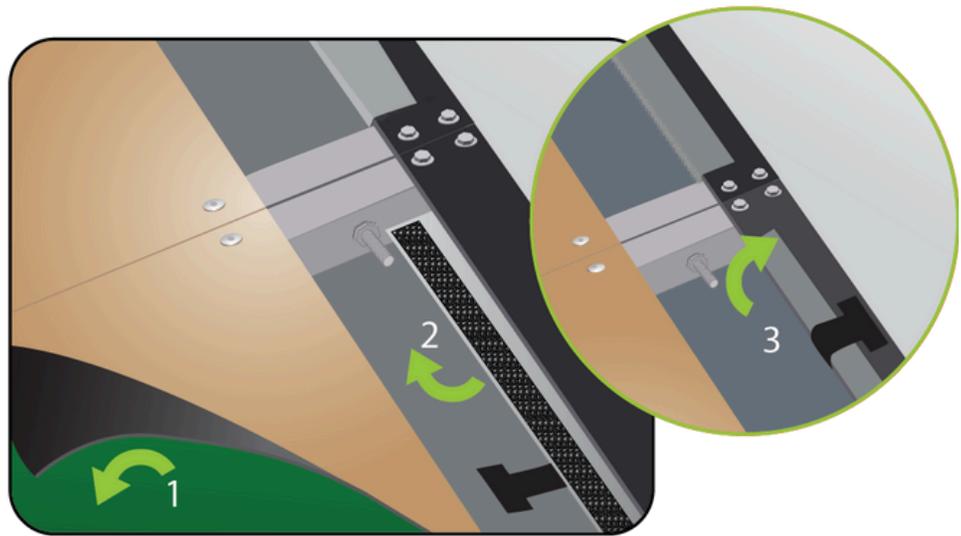
3

2

1

3

Step 1
Lift green carpet.

Step 2
Stretch the white screen behind and under the aluminum bar and reach for it through the space.

Step 3
Stick it on the first half of the aluminum bar velcro. Fix the T on the remaining half.

END OF STRUCTURE FLOOR INSTALLATION SECTION

4x Washers
4x Nuts

HALF WALLS INSTALLATION

Simply cut through the black carpet to access the pre-drill holes and insert the half-walls. Fix the half-walls to the structure with washers and nuts. Then, fix the removable panel on the bottom walls with the velcro.
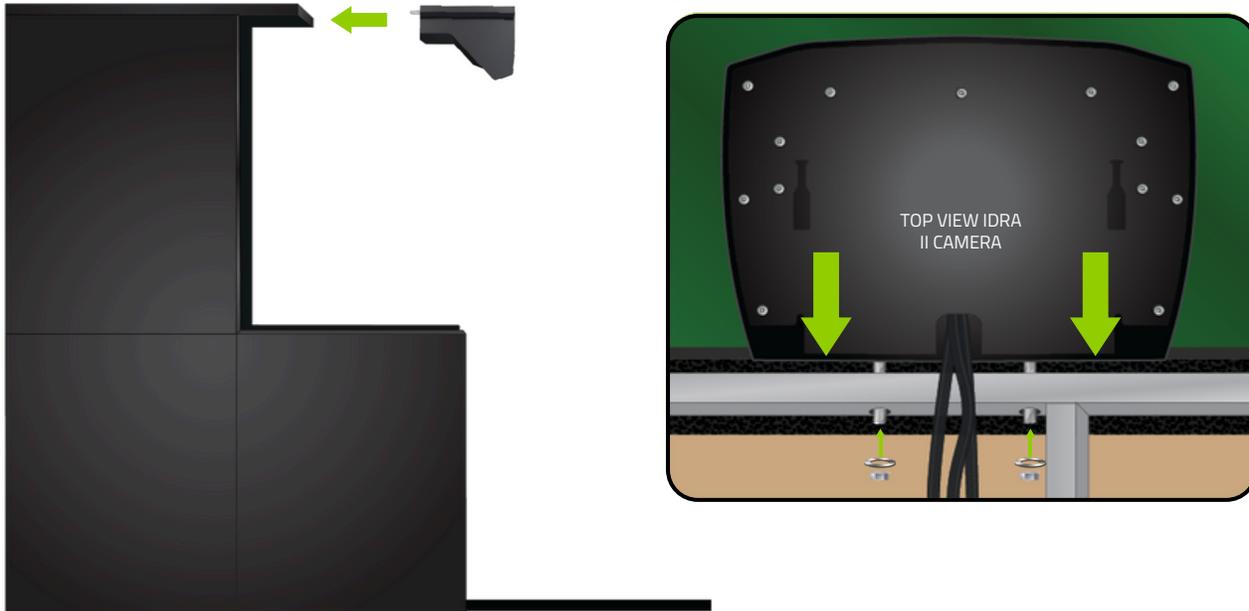
Removable panel (Velcro)

LEFT BOTTOM WALL

HALF WALL

1

IDRA II INSTALLATION

2x Washers
2x Nuts

Climb on a ladder and fix the IDRA II camera through the holes that are located at the center the structure.
Then, secure it tightly with two nuts on the other side.

***To achieve full-screen projection, you must install your IDRA II on the elevating bracket.
Attach the bracket through the holes located at the front of the middle front ceiling panel using the black bolts, washers, and
nuts, then mount the IDRA II onto it. Additionally, your projector must be ceiling-mounted as shown in Option 1 of Appendix A.**
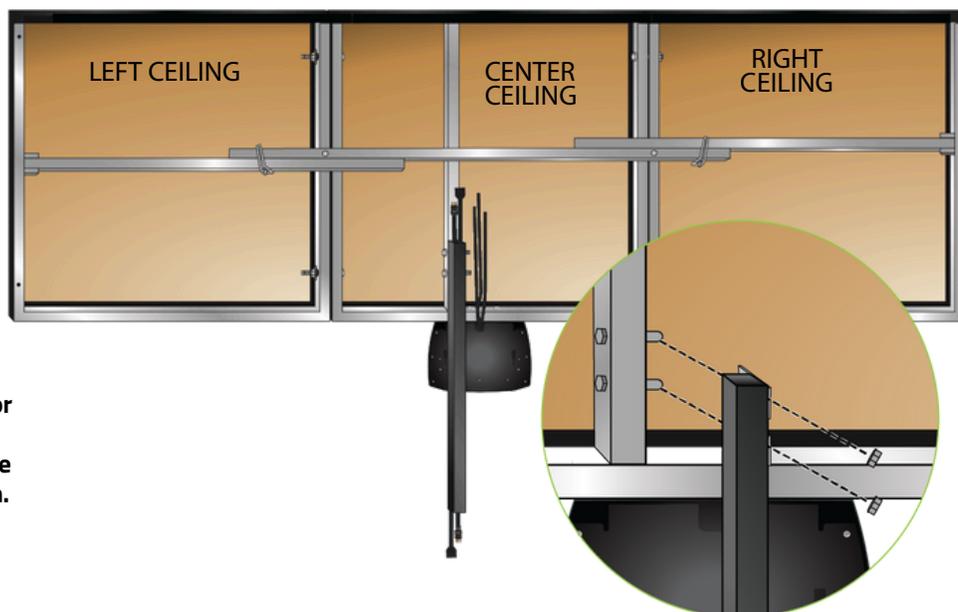
TOP VIEW IDRA
II CAMERA

2

PROJECTOR BEAM INSTALLATION

2x Washers
2x Nuts

Fix the projector beam to the ceiling structure with washers and nuts.

LEFT CEILING
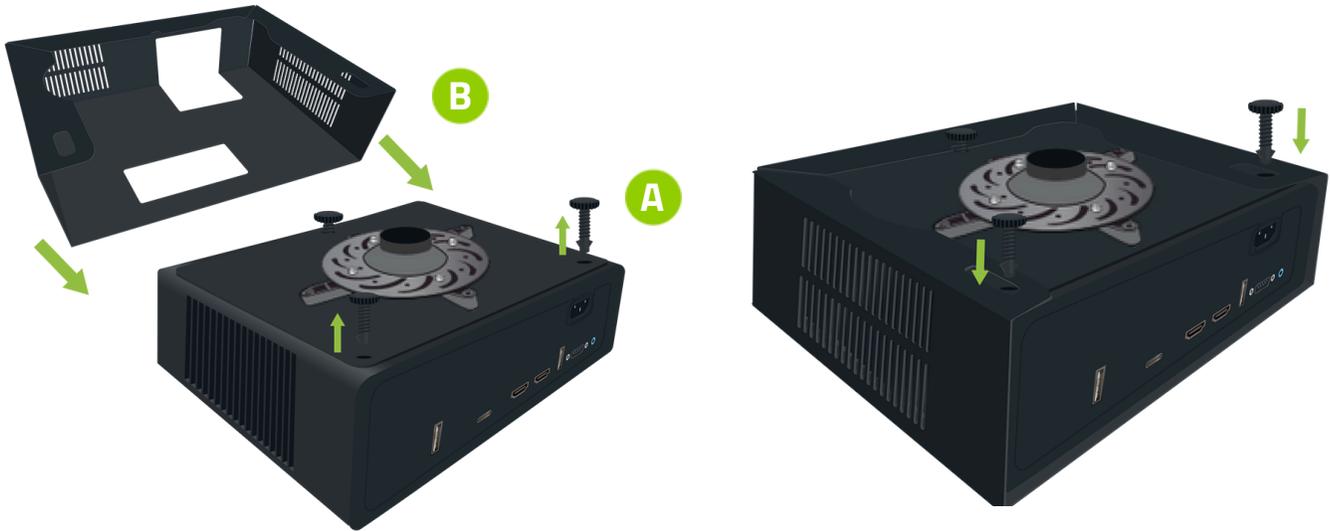
CENTER
CEILING

RIGHT
CEILING

***If you are not using the projector
beam attached to the structure,
please refer to Appendix A for the
recommended projector position.**

3

PROJECTOR ENCLOSURE INSTALLATION (OPTIONAL)

(A) To install the projector enclosure, first remove the rear adjuster feet of the projector completely, and slightly loosen the front adjustable foot without removing it. **(B)** Next, insert the projector into the enclosure, making sure the lens is properly aligned with the designated opening. **(C)** Finally, reinstall the removed adjustable feet through the holes of the enclosure to secure the projector in place, and re-tighten the front adjustable foot.

4

PROJECTOR INSTALLATION

Attach the projector on the projector mount. Refer to the instruction sheet inside the projector box.

SimBooth

5

IDRA CABLE CONNECTIONS

Connect the power cable (country-specific) to the wireless remote switch. Then, plug the wireless remote switch into your electrical outlet. Connect one of the two USB camera cables to the USB 3.0 SS port on your PC and the other to the hub. Plug the hub into the USB-C port on your PC. Make sure the USB cables are not under tension.
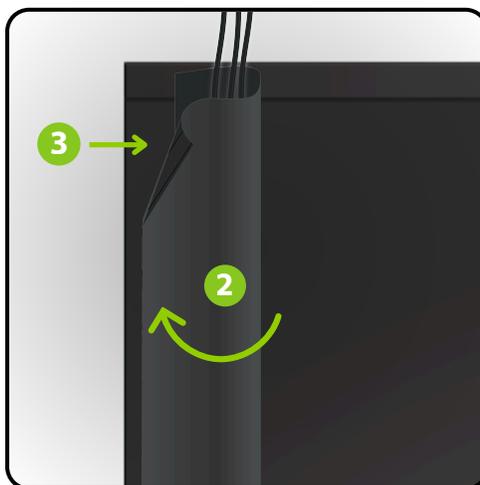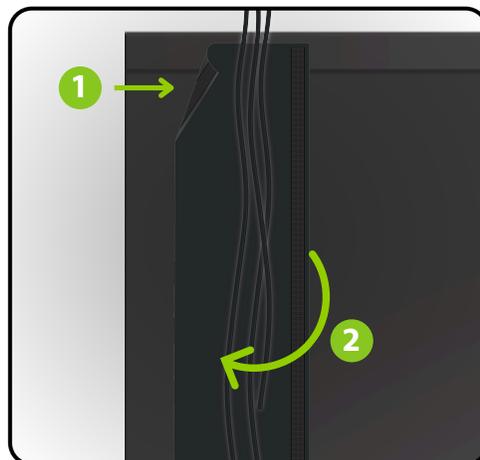

**PLEASE
DO NOT
BEND**

6

PROJECTOR CABLE CONNECTIONS

Plug the HDMI cable to the HDMI port on your projector and on your PC.
Connect the power cable to the ground terminal and your electrical outlet.
Refer to Appendix B, C, D or E for your projector adjustments.

**PLEASE
DO NOT
BEND**

WIRE COVER

Stick one side of the wire cover to the structure using the Velcro. Gather your wires inside the wire cover and, forming a loop over the wires, stick the second side of the wire cover just in front of your first Velcro.

WIRE
COVER

GOLFIN LAUNCHER INSTALLATION AND IDRA II CALIBRATION

Follow these steps to complete your installation:

STEP 1
Ensure your computer is connected to the Internet.

STEP 2
Confirm that you have purchased the necessary software. IDRA II is compatible with GSPro and E6 Connect.
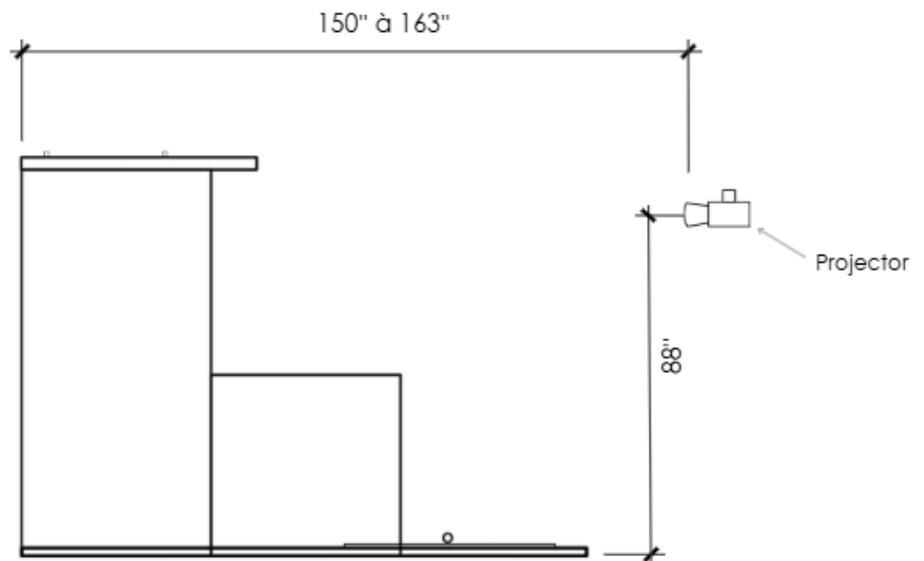
STEP 3
Visit https://simbooth.com/steps-to-follow/, then start following the steps from Step 2.

PROJECTOR POSITION ON THE CEILING

Minimum projector distance:
150" (screen to lens)

Maximum projector distance:
163" (screen to lens)

Projector Height:
88" (floor to the middle of the lens)

150" à 163"

Projector

88"

FULL-SCREEN PROJECTION IS NOT AVAILABLE WITH THE AH30ST

BENQ AH30ST PROJECTOR AJUSTEMENTS WITH MONITOR

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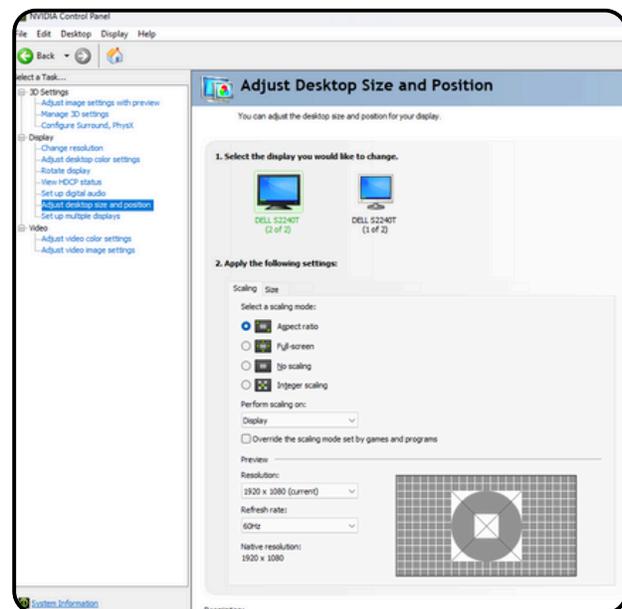## 1. SELECT THE CORRECT HDMI SOURCE

1. Turn on the projector and press the 'Source' button on the remote control.
2. Use the arrows to navigate to the appropriate HDMI input (HDMI 1 or HDMI 2) and press 'OK' to select.
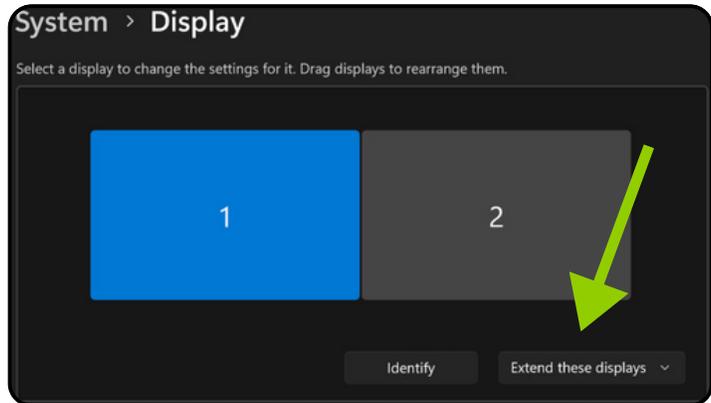
2. WINDOWS DISPLAY SETTINGS (PC)

1. Open the NVIDIA Control Panel & make sure the projector is turned on.
2. Click on "Adjust desktop size and position"
3. Select your monitor
4. Select "Aspect ratio"
5. Keep the resolution at 1920 × 1080
6. Select your projector
7. Select "Aspect ratio"
8. Keep the resolution at 1920 × 1080
9. Click "Apply" at the bottom right of the screen. Then "Yes" to "Apply Changes"

3. WINDOWS DISPLAY SETTINGS (PC)

1. Click Start > Settings
2. Go to System > Display
3. If both screens are detected, you will see two numbered rectangles (1 and 2)
4. Click on Extend these Display (menu below and to the right of the 2 screens)
5. Select "Duplicate these displays"
6. Click "Keep Change"
7. Make sure the display resolution is set to 1920 × 1080

4. PROJECTOR SETTINGS

1. Language: Select the desired language
2. Menu (On the remote) : Menu Type > Choose Advanced
3. Picture> Picture Mode: Select Golf

4. PROJECTOR SETTINGS (CONTINUED)

4. Display > Screen Fill: Choose 16:9 (1920 × 1080)

5. Display > Aspect Ratio : Select 16:10

5. PROJECTOR AJUSTEMENTS

Each environment is unique, so this section may require a bit more time and patience. Depending on your setup (screen size, projector distance, ceiling height, etc.), the adjustments needed can vary significantly from one user to another.

Take the time to explore and combine the different adjustments below to achieve an image perfectly suited to your installation. Don't hesitate to repeat the process multiple times to fine-tune the result to your preferences.

- Zoom : Adjust the image size using the zoom dial under the lens

- Display > Image Resizing: Use Digital Shrink & Shift → Adjust the image so that it slightly exceeds the desired size on all sides

5. PROJECTOR AJUSTEMENTS (CONTINUED)

- Display > 2D Keystone: Correct vertical tilt and horizontal shift of the image

- Display > Corner Fit: Fine-tune the image size and position for precise alignment

- Focus: Adjust image sharpness using the focus dial under the lens

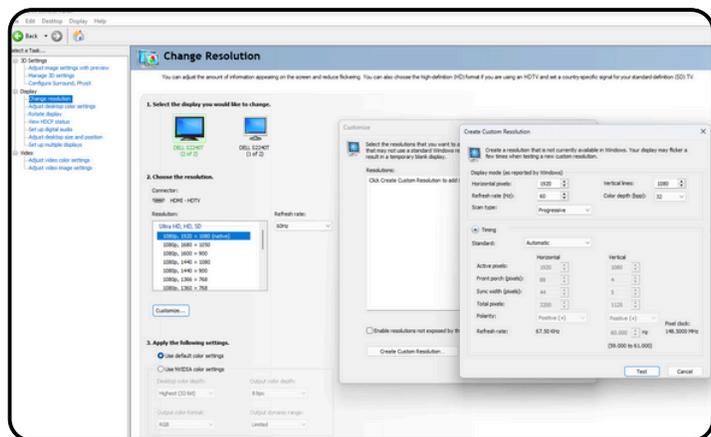# BENQ AH30ST PROJECTOR AJUSTEMENTS WITHOUT MONITOR

TABLE OF CONTENTS

1. Select the correct HDMI Source
2. NVIDIA Control Panel (PC)
3. Windows Display Settings (PC)

4. Projector Settings
5. Projector Ajustements

1. SELECT THE CORRECT HDMI SOURCE

1. Turn on the projector and press the 'Source' button on the remote control.
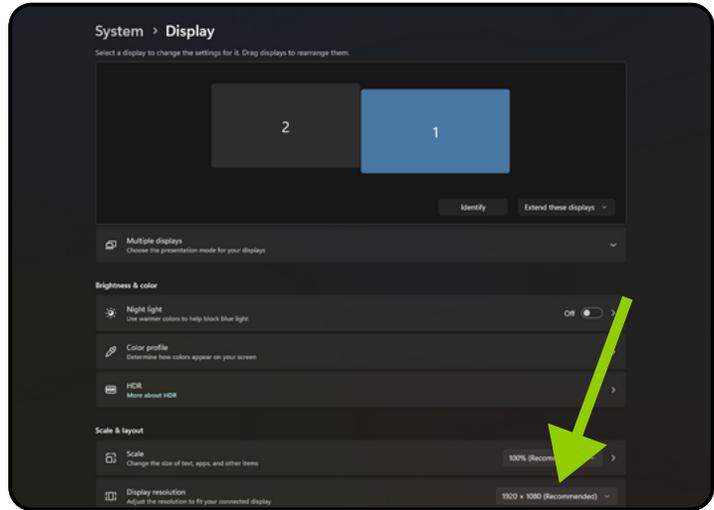2. Use the arrows to navigate to the appropriate HDMI input (HDMI 1 or HDMI 2) and press 'OK' to select.

2. WINDOWS DISPLAY SETTINGS (PC)

1. Open the NVIDIA Control Panel
2. Click on Change resolution:
   Customise > Create custom resolution
3. Under Display mode (as reported by
   Windows), Change :
   - Horizontal pixels to 1547
   - Vertical Lines to 1080
4. Click on Test > Apply change > Yes
5. Click on Adjust desktop size and position :
6. Select "Aspect ratio" (The projector must
   be turned on beforehand)
7. Change the Resolution to 1547 × 1080
8. Click "Apply" at the bottom right of the
   screen. Then "Yes" to "Apply Changes"

3. WINDOWS DISPLAY SETTINGS (PC)

1. Click Start > Settings
2. Go to System > Display
3. Make sure the display resolution is set to 1547 × 1080
4. If not, change it & Click "Yes" to Keep these display setting

4. PROJECTOR SETTINGS

1. Language: Select the desired language
2. Menu (On the remote) : Menu Type > Choose Advanced
3. Picture> Picture Mode: Select Golf

4. PROJECTOR SETTINGS (CONTINUED)

4. Display > Screen Fill: Choose 16:9 (1920 × 1080)

5. Display > Aspect Ratio : Select 16:10

5. PROJECTOR AJUSTEMENTS

Each environment is unique, so this section may require a bit more time and patience. Depending on your setup (screen size, projector distance, ceiling height, etc.), the adjustments needed can vary significantly from one user to another.

Take the time to explore and combine the different adjustments below to achieve an image perfectly suited to your installation. Don't hesitate to repeat the process multiple times to fine-tune the result to your preferences.

- Zoom : Adjust the image size using the zoom dial under the lens

- Display > Image Resizing: Use Digital Shrink & Shift → Adjust the image so that it slightly exceeds the desired size on all sides

5. PROJECTOR AJUSTEMENTS (CONTINUED)

- Display > 2D Keystone: Correct vertical tilt and horizontal shift of the image

- Display > Corner Fit: Fine-tune the image size and position for precise alignment

- Focus: Adjust image sharpness using the focus dial under the lens