SimBooth

INSTALLATION GUIDE

SIMBOOTH KIT 1

TABLE OF CONTENTS

⚠️

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.

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 ARE NOT SUPPORTED.

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

WALL PANELS

LEFT WALLS

LEFT TOP WALL

LEFT BOTTOM WALL

RIGHT WALLS

RIGHT TOP WALL

RIGHT BOTTOM WALL

FLOOR PANELS

FLOOR 1

FLOOR 2

FLOOR 3

FLOOR 4

HIT TING MAT
FLOOR 7

FLOOR 5

FLOOR 6

CEILING PANELS

LEFT CEILING

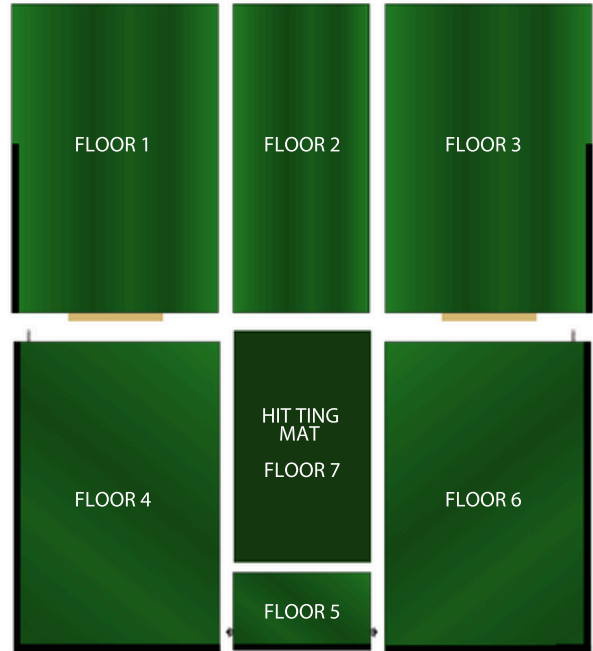MIDDLE CEILING

RIGHT CEILING

PARTS LIST

ACCESSORIES

Bolts

3-1/2" (6x)

Washer (32x)

Nuts (26x)

Hitting mat
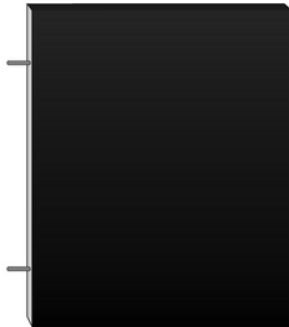
Black impact screen

Scissor Bar

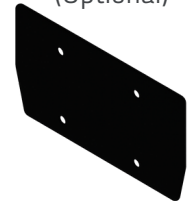Projector and remote

White screen

Tees (10x)

Half wall (2x)

Projector beam

Elevating bracket (Optional)
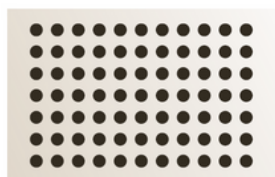
Wire Cover

Black Bolts (Optional)

2" (2x)

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)
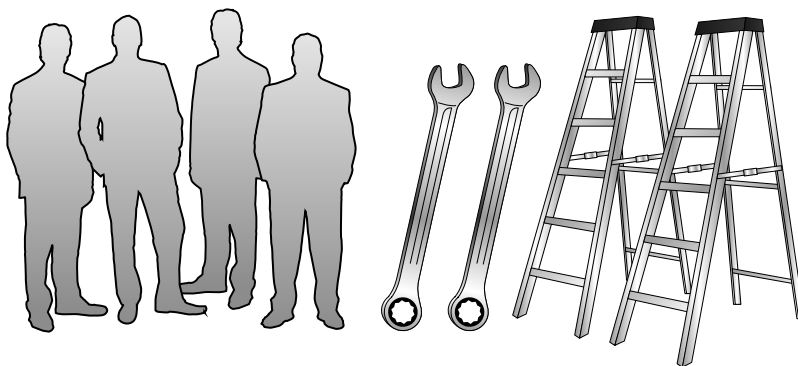
(Only included in North America)
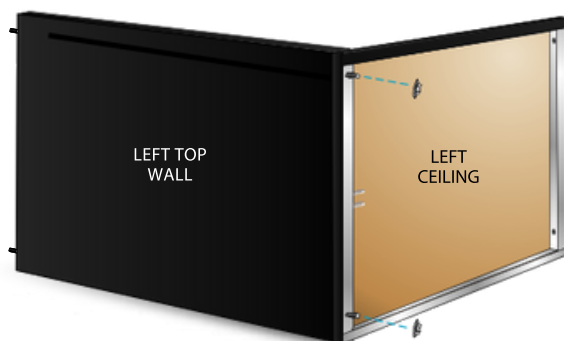
For illustration purposes only. Model may vary.

END OF PARTS LIST

SimBooth
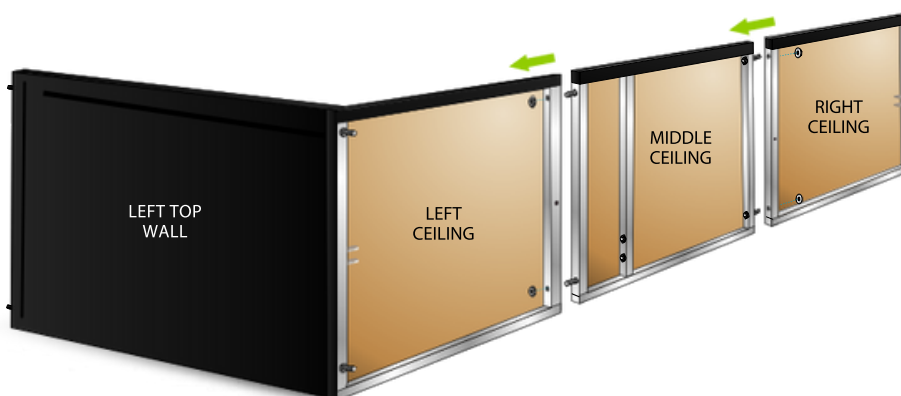
BEFORE STARTING

You will need 4 people, two ladders, and two 1/2" wrenches.

1

Fix the left top wall to the left ceiling with the nuts.

LEFT TOP
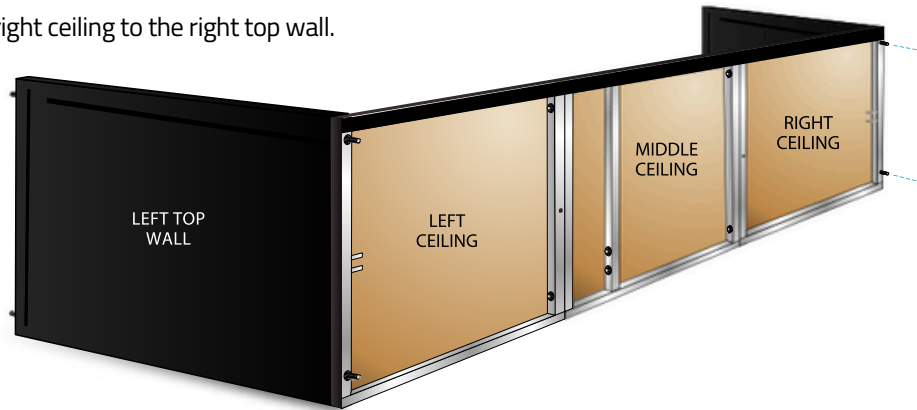WALL

LEFT
CEILING

2

Using the nuts, fix the middle ceiling to the left ceiling, then fix the right ceiling to the middle ceiling.

LEFT TOP
WALL

LEFT
CEILING

MIDDLE
CEILING

RIGHT
CEILING

3 Using the nuts, fix the right ceiling to the right top wall.

LEFT TOP
WALL

LEFT
CEILING

MIDDLE
CEILING

RIGHT
CEILING

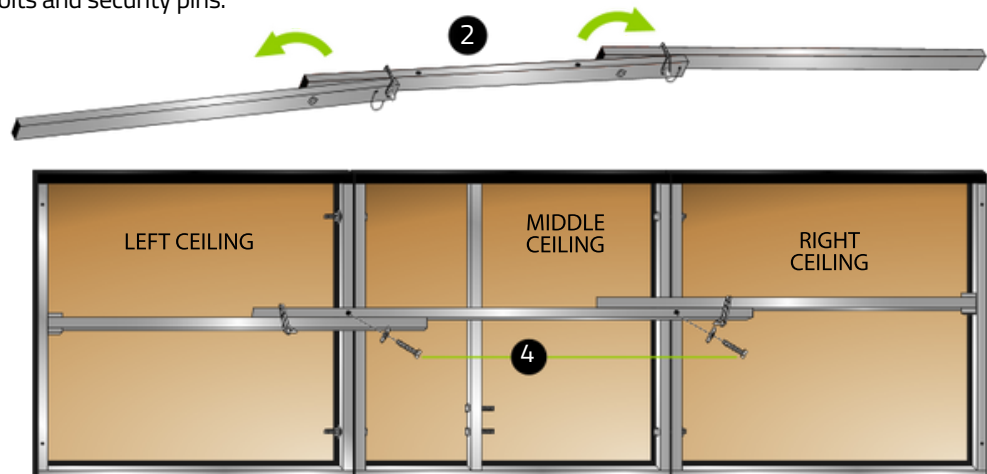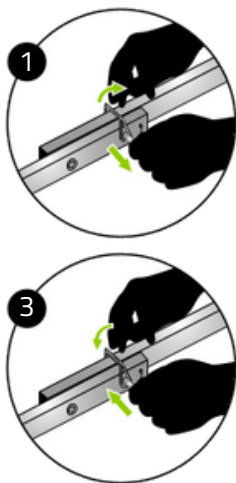**4** Fix the botton wall panels to the top wall panels with the nuts by removing the bottom wall covers (Velcro).

Velcro

LEFT BOTTOM
WALL

LEFT BOTTOM
WALL (COVER)

LEFT TOP
WALL

LEFT
CEILING

RIGHT BOTTOM
WALL

MIDDLE
CEILING

RIGHT
CEILING
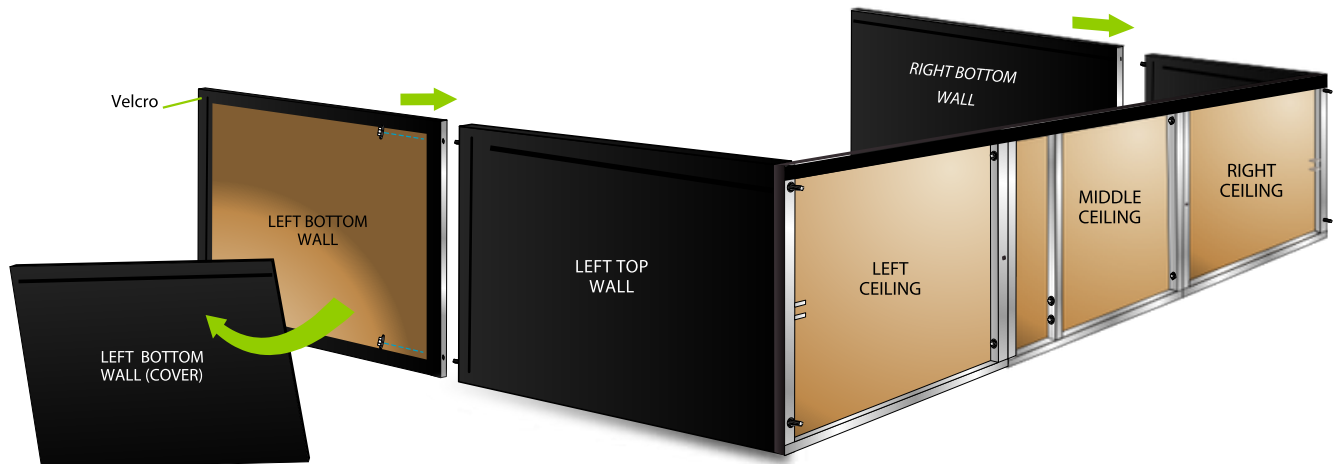
5 Assemble the scissor bar with bolts and security pins.

1

2

3

4

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.

LEFT BOTTOM WALL

LEFT TOP WALL

LEFT CEILING

MIDDLE CEILING

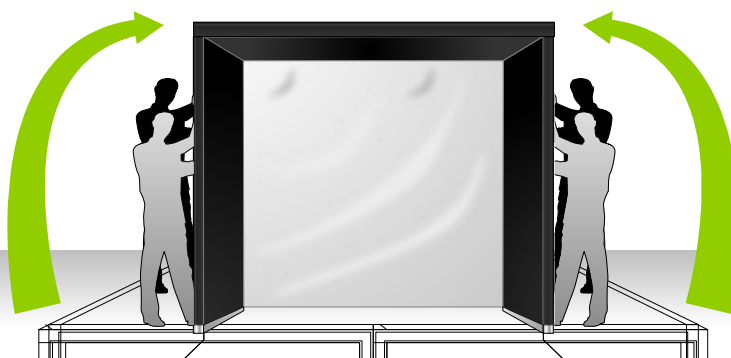RIGHT CEILING
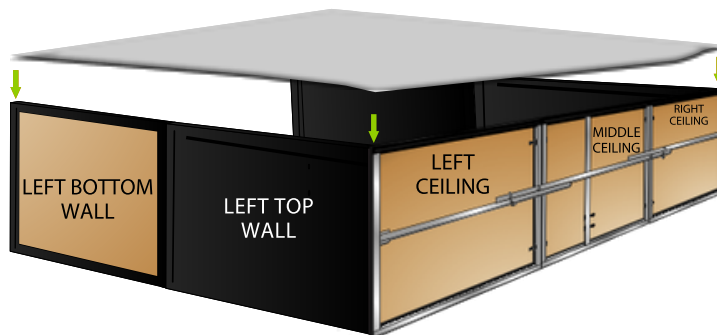
7 Attach the black impact netting over the white screen. Make sure it is attached to the top Velcro on the ceiling panels and that the bottom doesn't rest on the floor.
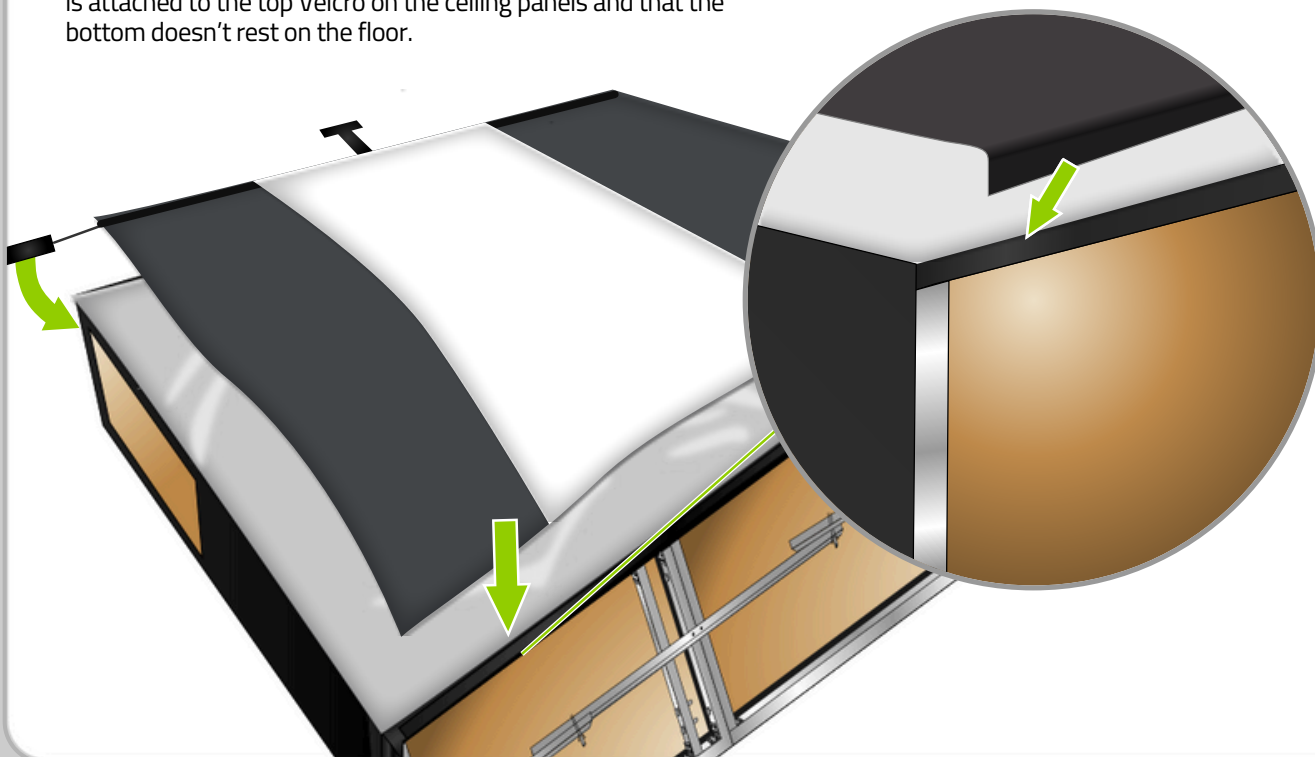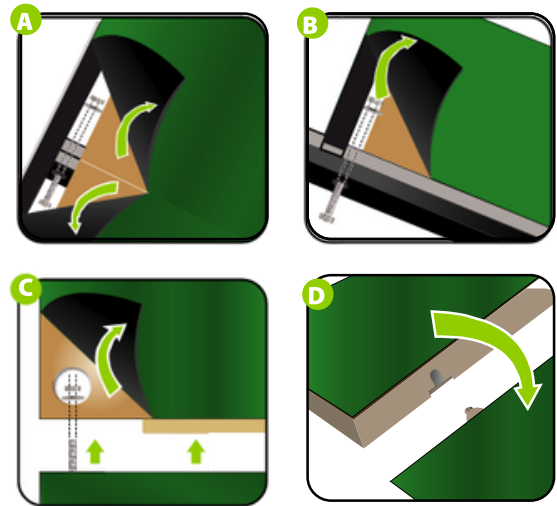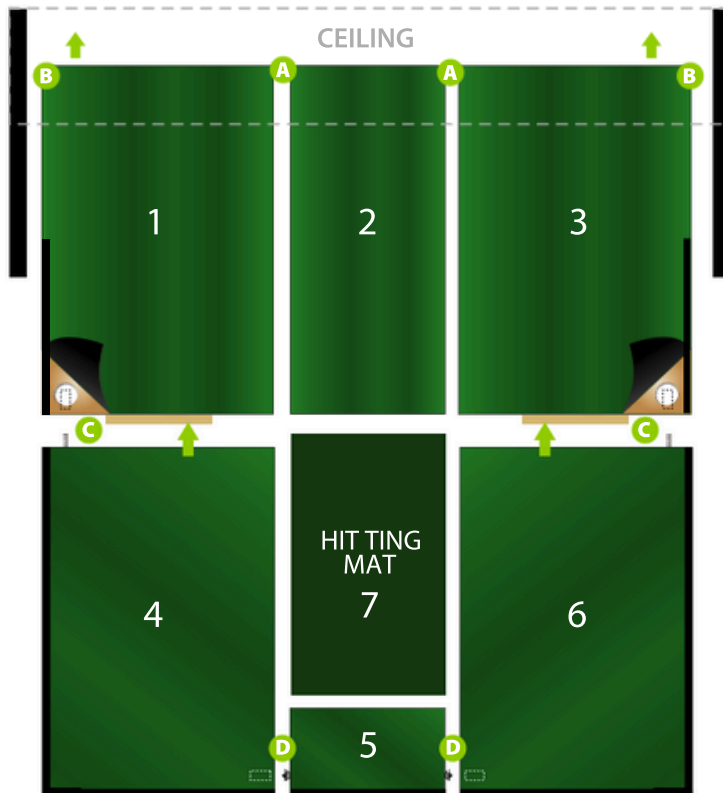

8 Lift the structure with 4 people.

1

Install the floor sections in order (1 to 7). A and B you will need bolts washers and nuts.
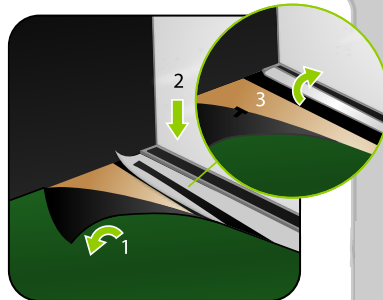C you will need washers and nuts.

CEILING

B A A B

| 1 | 2 | 3 |

C C

| 4 | HIT TING MAT 7 | 6 |

D 5 D

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
Stick it on the first half of the aluminum bar velcro.

3

Step 1
Lift green carpet.

Step 2
Stretch the black netting behind and under the aliminum bar and attach it on the remaining half of the aluminum bar using the T shaped Velcro.

HALF-WALL INSTALLATION

Simply cut through the carpet at 4 inches and 38 inches from the floor to access the pre-drill holes and insert the half-walls. Attach the half-wall panels to the structure with washers and nuts.
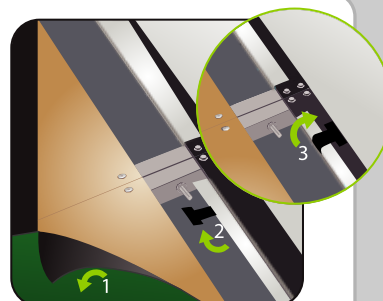
Removable panel (Velcro)

LEFT BOTTOM WALL

HALF WALL

1

IDRA II INSTALLATION

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 a **full-screen projection**, you must install your IDRA II on the elevating bracket, which should first be secured through the holes at the front of the middle ceiling using the black bolts, washers, and nuts. Additionally, your projector must be ceiling-mounted as shown in Option 1 of Appendix A.
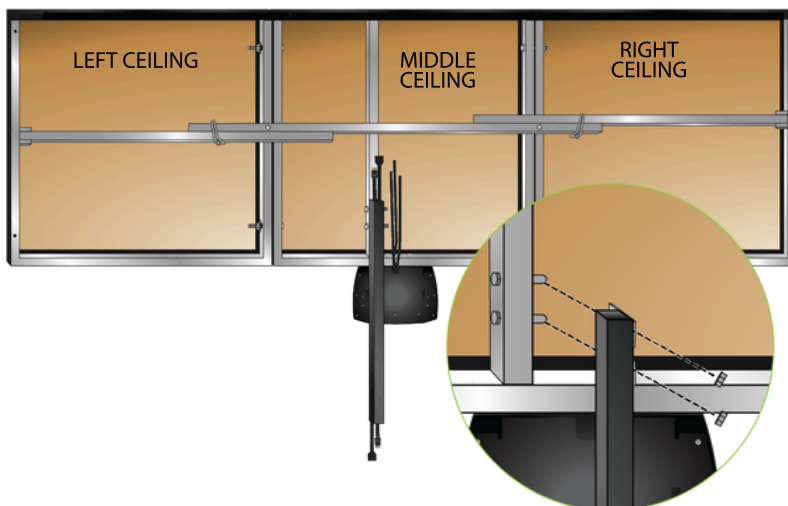
TOP VIEW IDRA II CAMERA
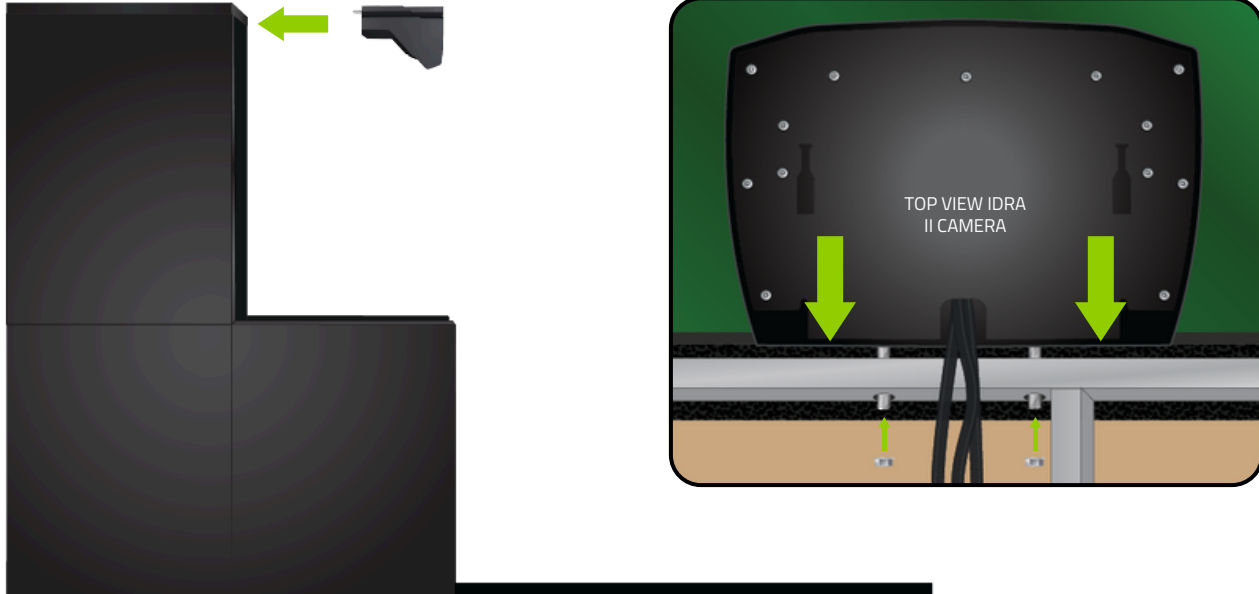
2

PROJECTOR BEAM INSTALLATION

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

*If installed on the ceiling, refer to Appendix A for the right position.

LEFT CEILING

MIDDLE CEILING

RIGHT CEILING

3

PROJECTOR INSTALLATION

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

Projector mount model may vary.
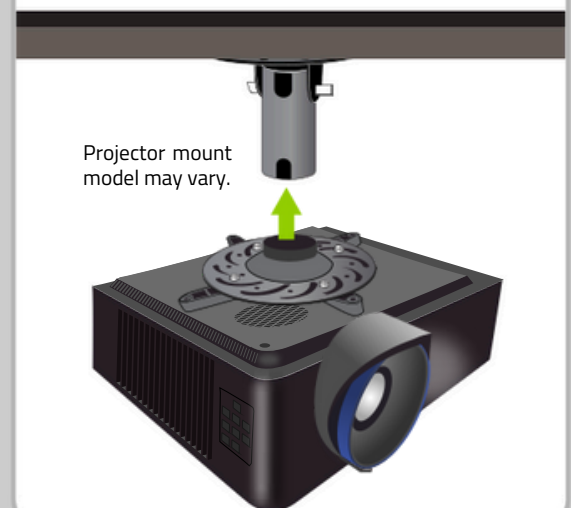
IDRA CABLE CONNECTIONS

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.

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 for your projector ajustments.
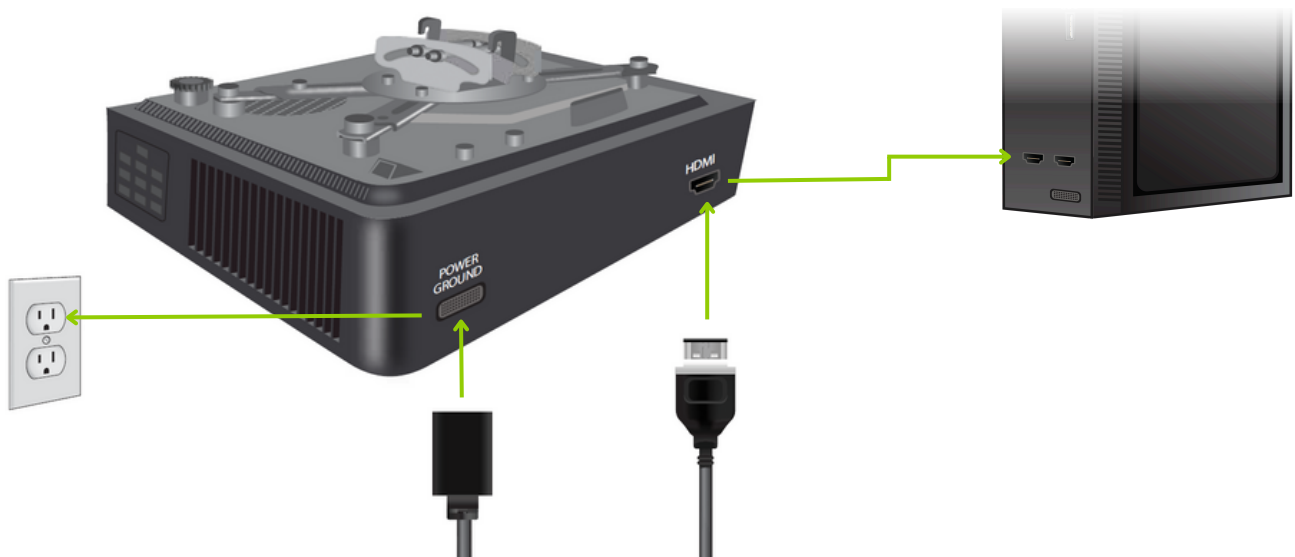
WIRE COVER

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
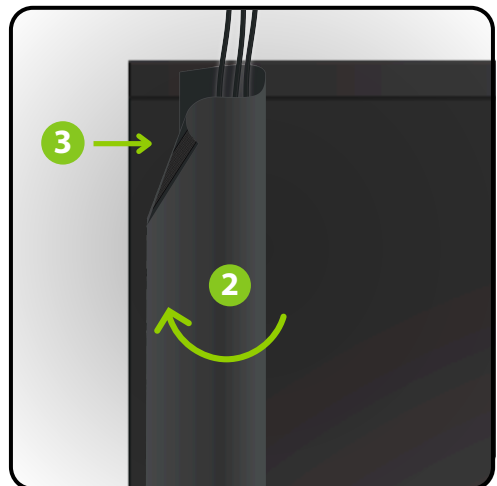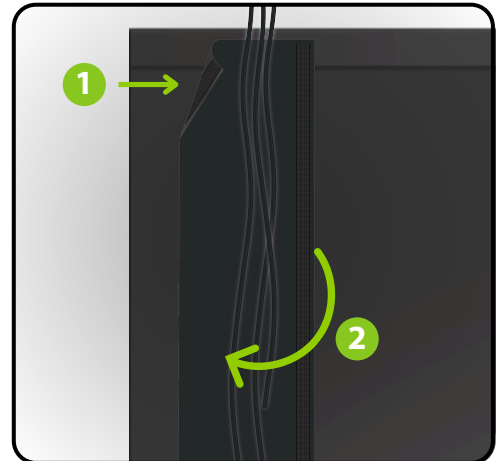
GOLFIN LAUNCHER INSTALLATION AND IDRA II CALIBRATION

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 www.teamviewer.com, download, and install the latest version of TeamViewer Host.

STEP 4
Schedule an appointment with our support team on the day of installation to finalize the setup and configuration of your IDRA II camera.

CLICK HERE TO BOOK AN APPOINTMENT

https://outlook.office365.com/owa/calendar/RSPTechnicalAssistance@golfinsim.com/bookings/
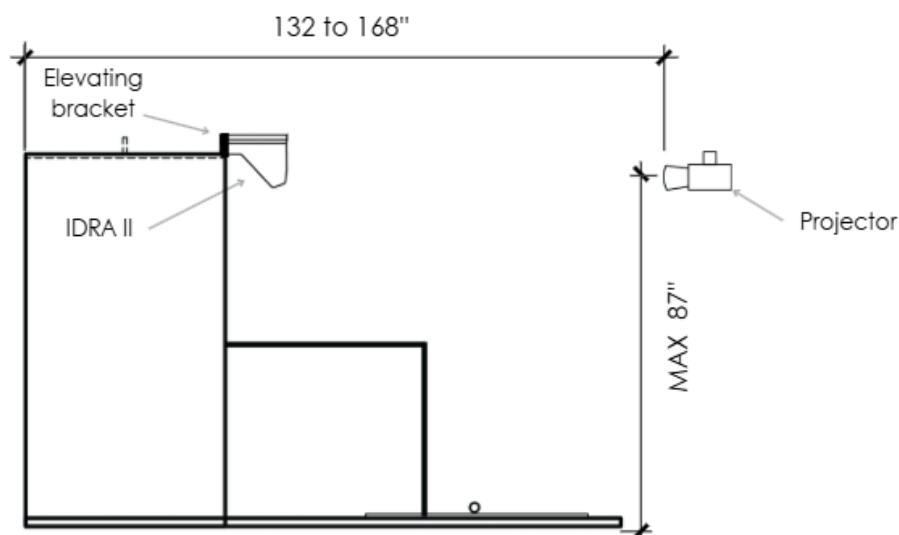
Option 1

PROJECTOR POSITION ON THE CEILING WHEN IDRA II IS INSTALLED ON THE ELEVATING BRACKET
(THE ONLY SETUP THAT ALLOWS FULL-SCREEN PROJECTION)

Minimum projector distance: 132" (screen to lens)

Maximum projector distance: 168" (screen to lens)

- Within this range, the projector must be positioned at a maximum height of 87" (from the room floor to the center of the lens)


Option 2

PROJECTOR POSITION ON THE CEILING WHEN IDRA II IS INSTALLED ON THE STRUCTURE

Minimum projector distance: 132" (screen to lens)

- At this distance, the projector must be installed at a height of 81" (from the room floor to the center of the lens).

Maximum projector distance: 168" (screen to lens)

- At this distance, the projector must be installed at a height of 72 ½" (from the room floor to the center of the lens).
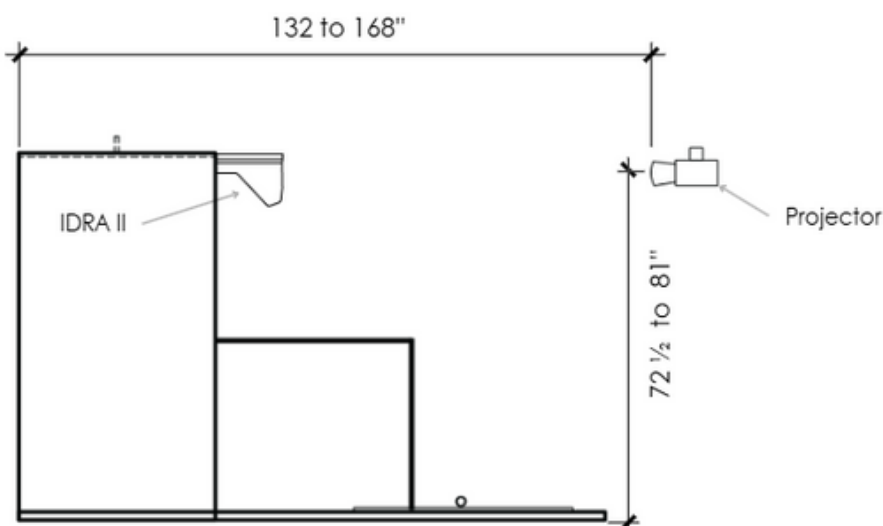
# BENQ AH30ST PROJECTOR AJUSTEMENTS WITH MONITOR

TABLE OF CONTENTS

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"
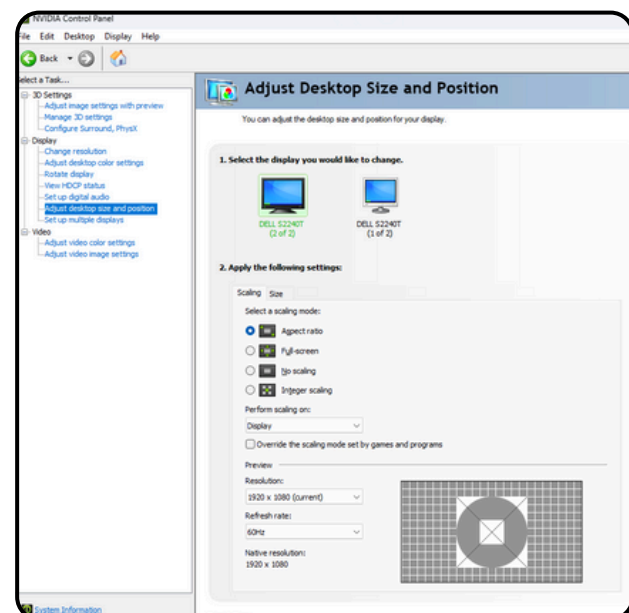
3. WINDOWS DISPLAY SETTINGS (PC)

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
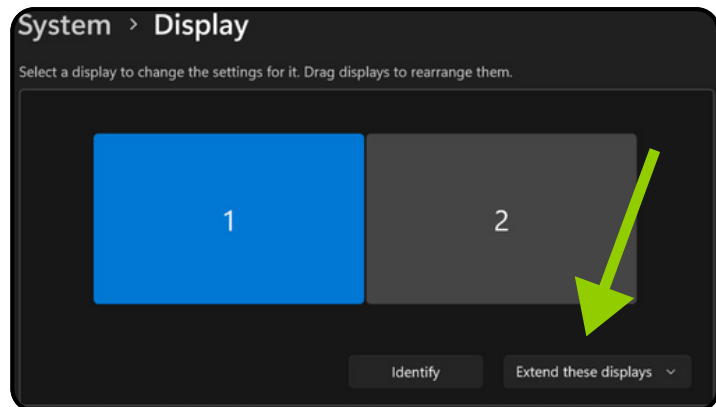
4. PROJECTOR SETTINGS

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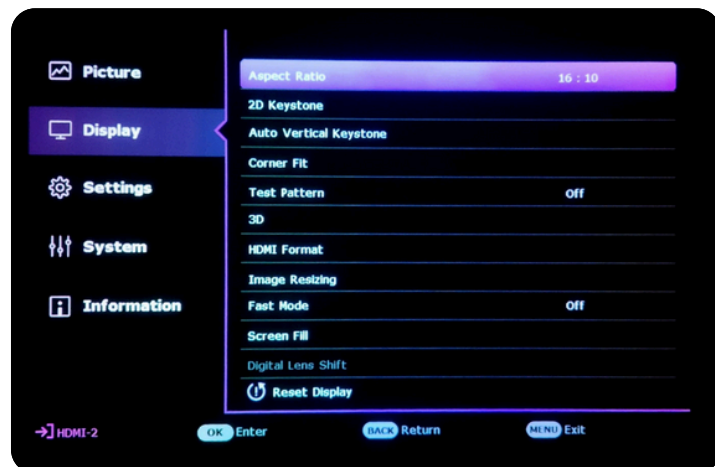3. Picture> Picture Mode: Select Golf

4. PROJECTOR SETTINGS (CONTINUED)

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

5. Display > Aspect Ratio : Select 16:10
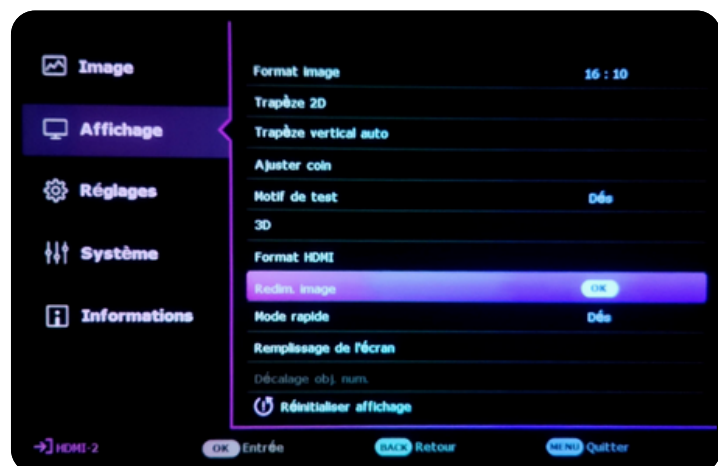
5. PROJECTOR AJUSTEMENTS

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
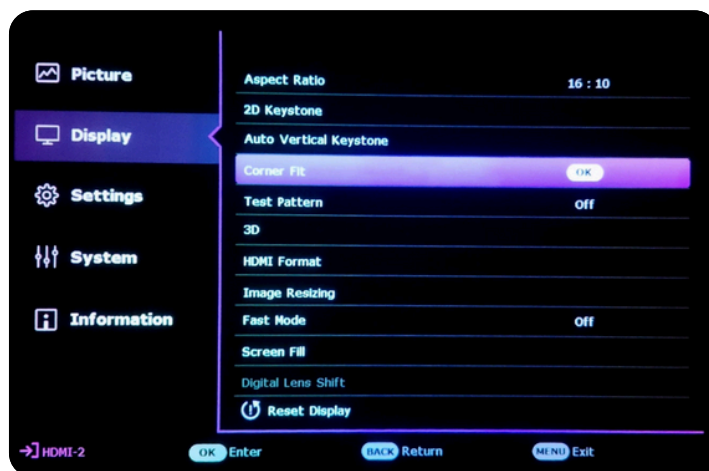
5. PROJECTOR AJUSTEMENTS (CONTINUED)

- 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

SimBooth

BENQ AH30ST PROJECTOR AJUSTEMENTS WITHOUT MONITOR

TABLE OF CONTENTS

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"
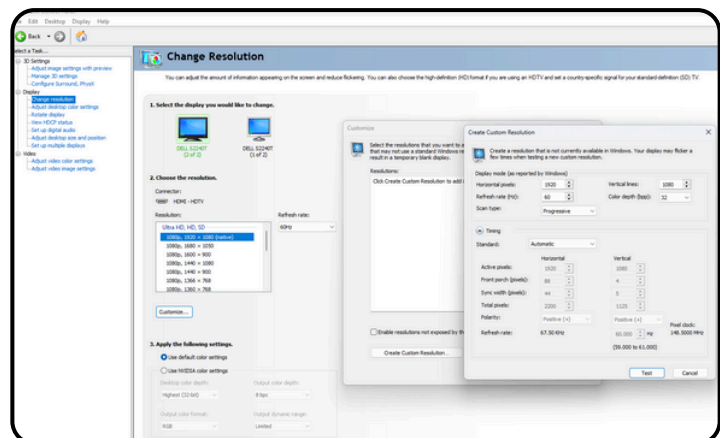
3. WINDOWS DISPLAY SETTINGS (PC)

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
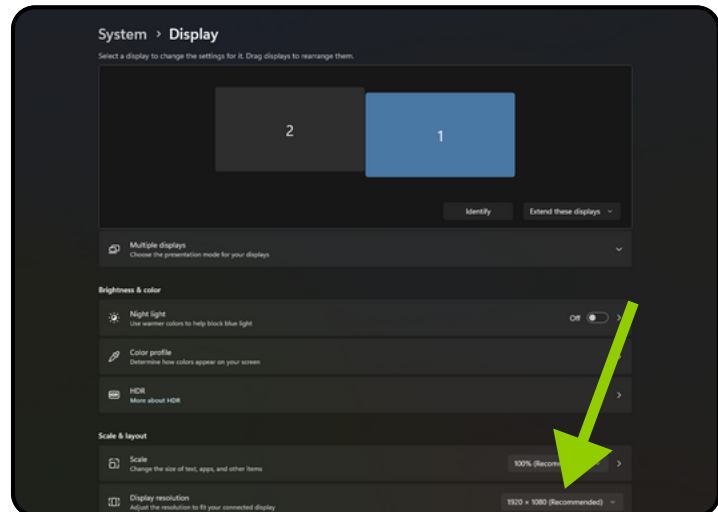
4. PROJECTOR SETTINGS

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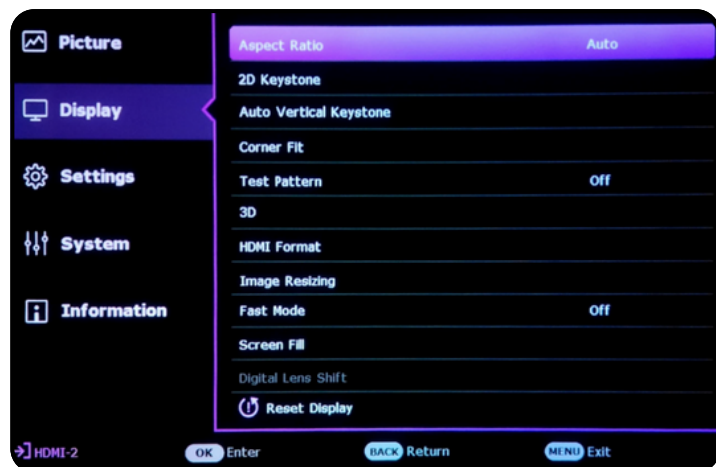3. Picture> Picture Mode: Select Golf

4. PROJECTOR SETTINGS (CONTINUED)

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

5. Display > Aspect Ratio : Select "Auto"
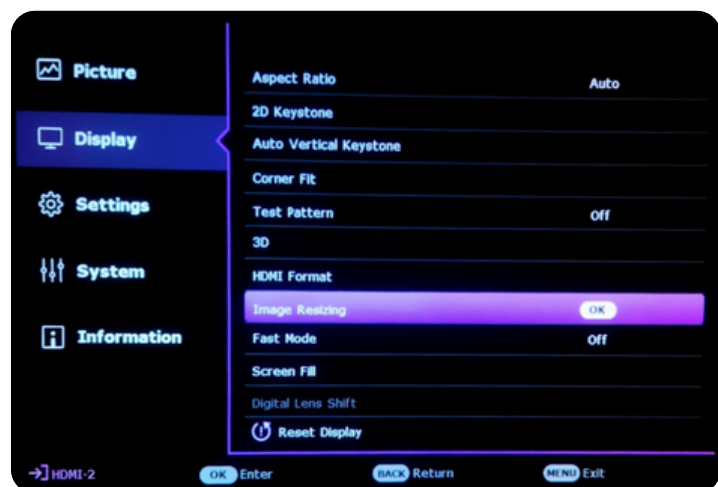
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5. PROJECTOR AJUSTEMENTS (CONTINUED)

- 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