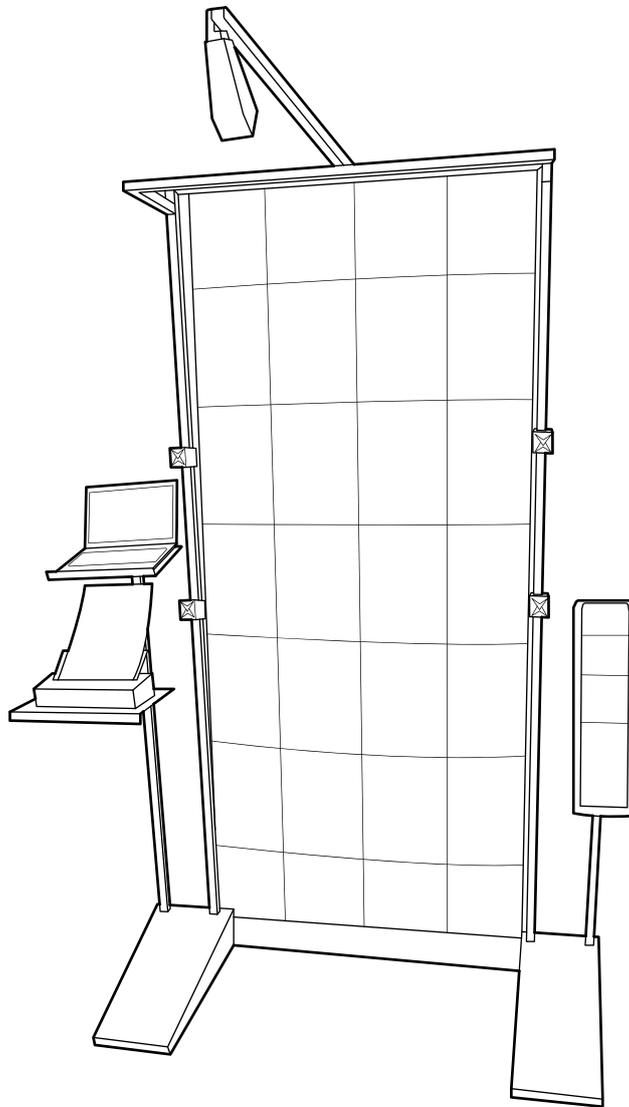




# WUNDER TRACK

## Owner's Manual



**IMPORTANT!** For safe and proper assembly, use, and care, read and follow all instructions.

# **WARNING**

## **Laser Eye Exposure**

Do not stare directly into lasers for extended period of time.

## **Choosing Device Location**

Device is best assembled with its back side against a sturdy structure like a wall.

## **Device Use**

This device should only be used in a medical setting and operated by trained medical professionals for the purpose of performing posture examinations.

## **Device Stability**

Do not lean or hang any object on any part of this device.

## **WunderTrack Two Year Warranty**

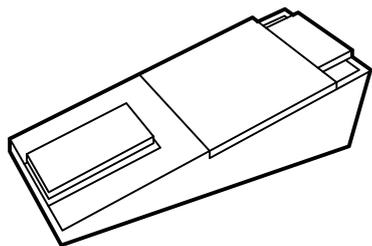
This product is warranted, to the original purchaser, to be free of defects in materials and workmanship for two years from the purchase of the product. This product is made with quality materials and expert workmanship, but is not indestructible. This warranty does not cover damage attributed to or resulting from normal wear and tear, natural hazards or alterations or modifications of any kind. If your product is found defective, we will repair or replace it free of charge. Charges for shipping your product to WunderTrack will be your responsibility. We reserve the right to make substitutions if parts are unavailable or obsolete. If your product needs repair beyond what is covered under warranty, we will provide parts and service at a reasonable charge.

This warranty gives you, the original purchaser, specific legal rights. You may also have other rights which vary from state to state. Do not return your product until you have received authorization and instruction to do so.

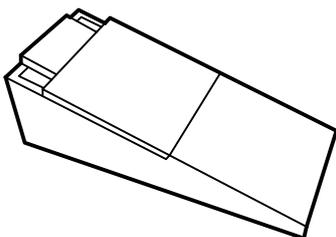
To obtain service contact us at [support@wundertrackc.com](mailto:support@wundertrackc.com) or call 1 (888) 807-3668

WunderTrack, LLC  
178 Main St.,  
Plymouth, NH 03264

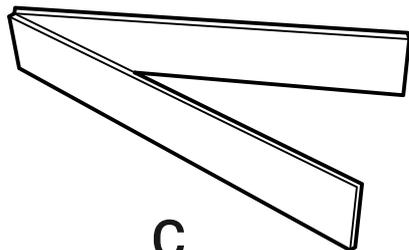
# Component Checklist for WunderTrack



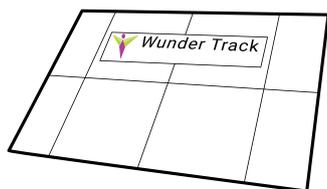
**A**



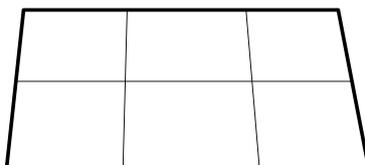
**B**



**C**



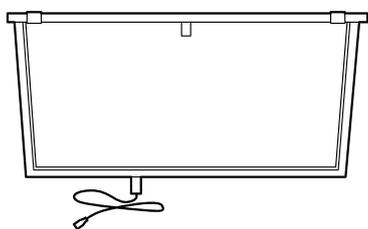
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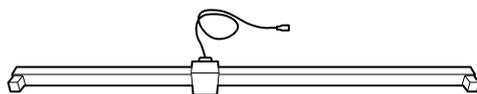
**E**



**F**



**G**



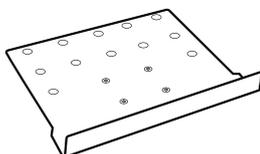
**H**



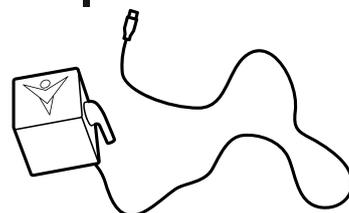
**I**



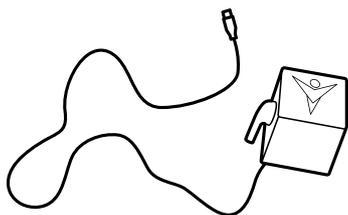
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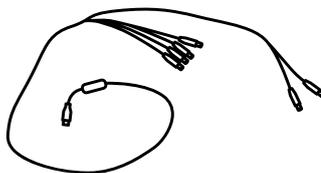
**K**



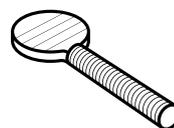
**L**



**M**



**N**



**O**

A. Base Foot with Toggle Switch	1	I. Camera extension arm	1
B. Base Foot without Toggle Switch	1	J. Stand for Computer Tray	1
C. Base Foot Stabilizing Wall	1	K. Computer Tray	1
D. Folding banner	1	L. Left Sided Laser and Bracket	2
E. Floor banner	1	M. Right Sided Laser and Bracket	2
F. Support Legs	4	N. USB to DC Power Supply Switch	1
G. Frame Top	1	O. Thumb bolts	3
H. Cross Bar with Laser and Bracket	1		

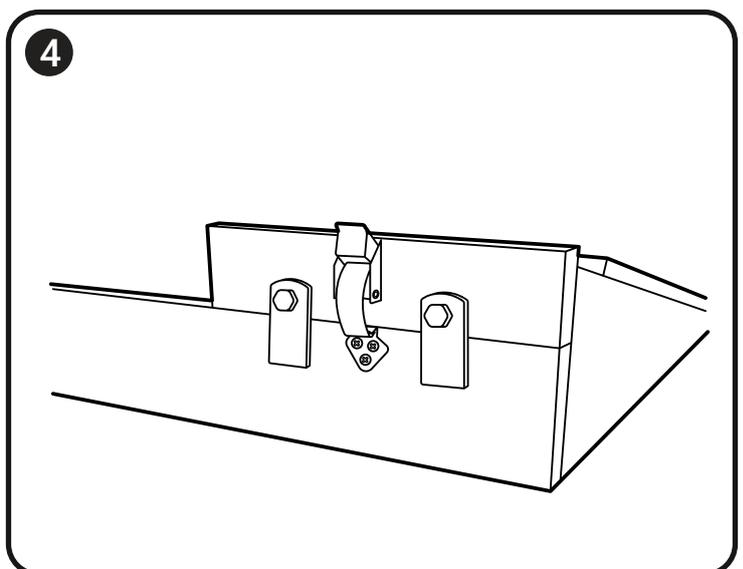
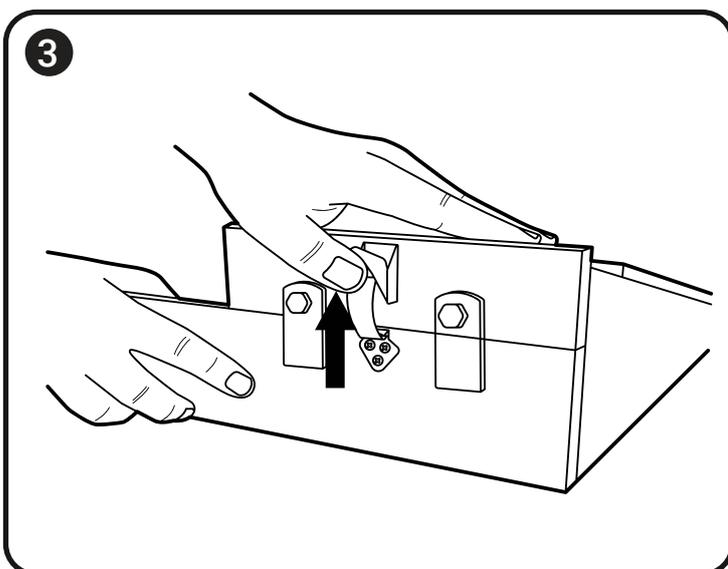
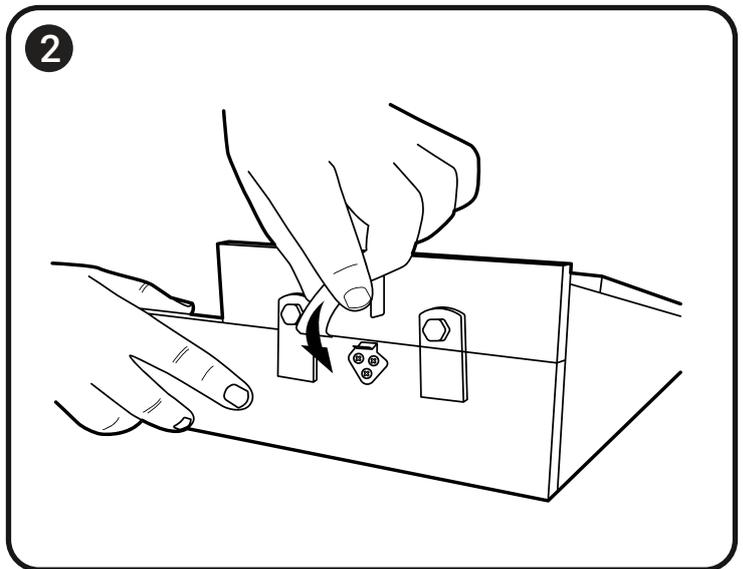
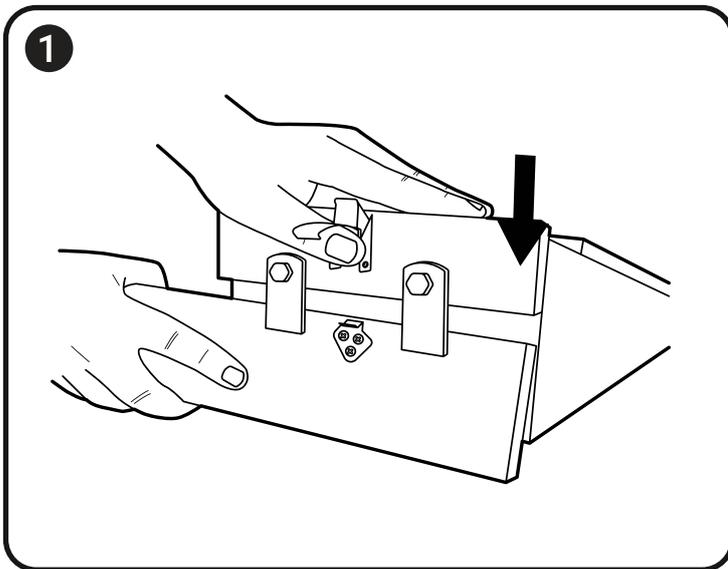
## Before Installation

- It is recommended that you locate a 4' Wide by 7' Tall wall space in your office for the WunderTrack device.
- Ensure the location for WunderTrack is as level as possible. The device can calibrate for some uneven surfaces.
- Average lighting should be used where WunderTrack is setup. Bright lights may interfere with the cameras detection of the lasers.

## Assembly

### STEP 1: Attach the Base Feet to Stabilizing Wall

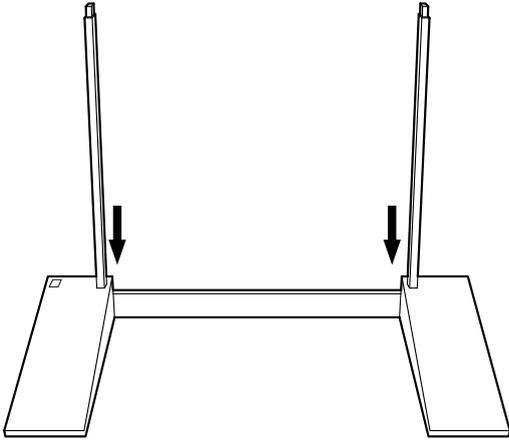
1. Unfold stabilizing wall.
2. Slide base foot down over one end of stabilizing wall while keeping the end of stabilizing wall flush with the side of the base foot
3. Engage latch to secure stabilizing and base foot together.
4. Repeat for other base foot.



# Attach Stabilizing Wall

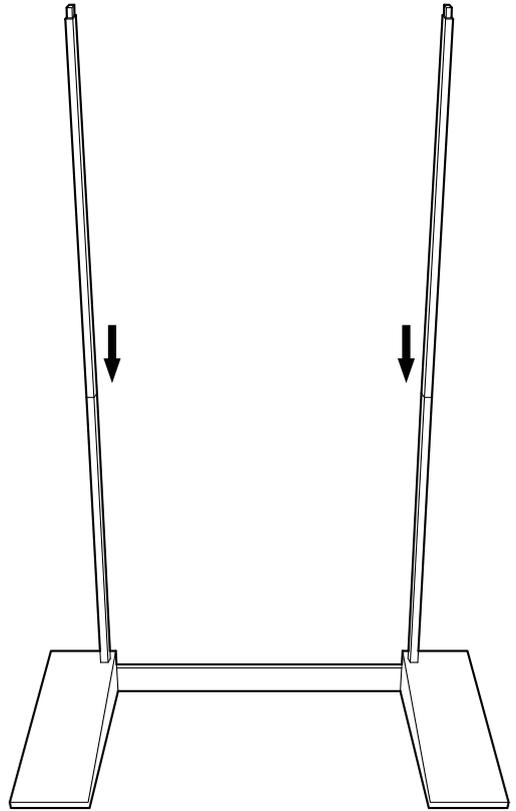
## STEP 2: Assemble the Support Poles and Computer Stand

1



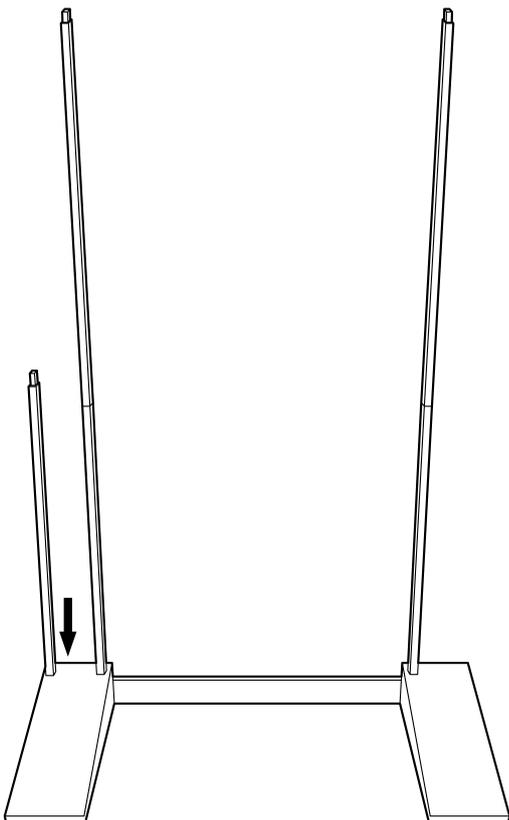
Slide one pair of support poles into either side of the base feet openings.

2



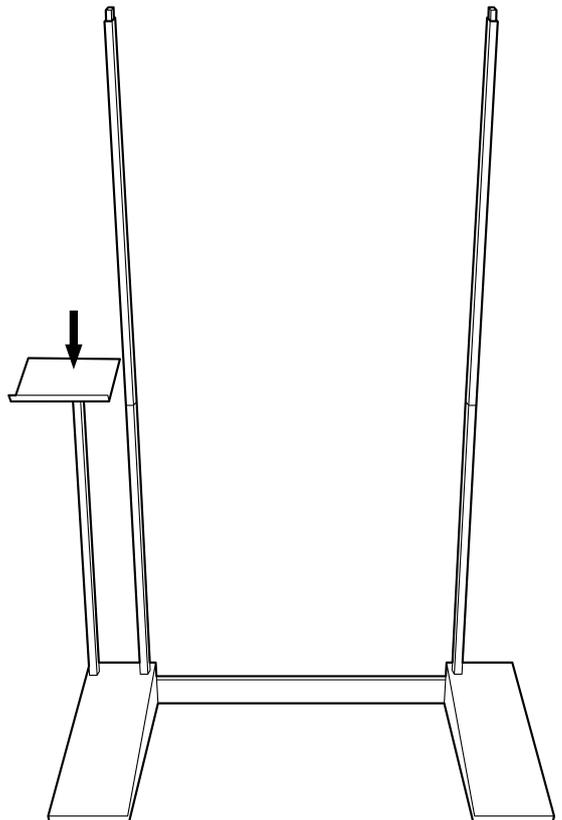
Attach second pair of support poles to the first pair of support poles in step 1 on each side.

3



Slide computer stand into one of the outside openings in the base feet.

4



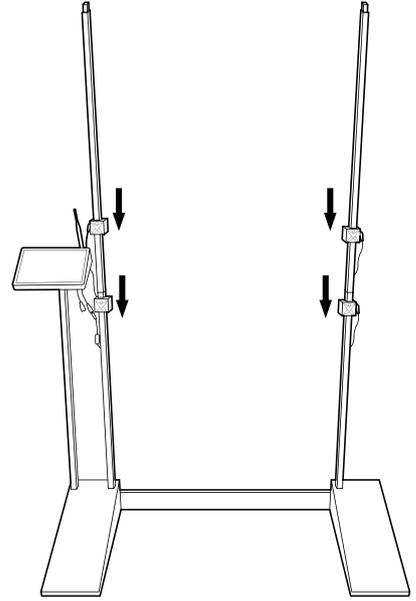
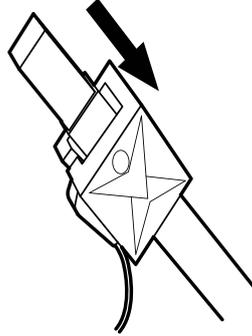
Slide computer tray over top of the sand.

# Attach Stabilizing Wall

## STEP 3: Laser Brackets and Top Frame

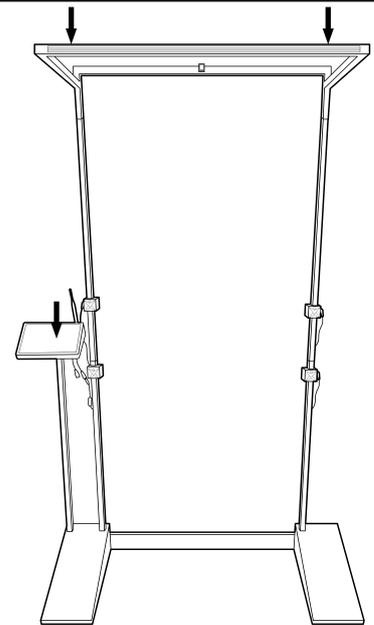
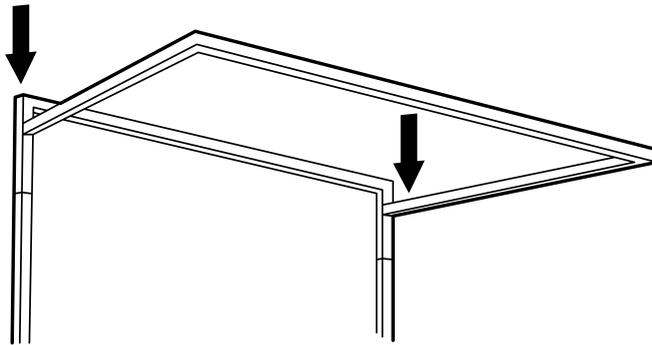
1

Slide laser brackets onto each frame side pole so all 4 lasers are visible.  
**IMPORTANT:** have all levers on brackets facing down.



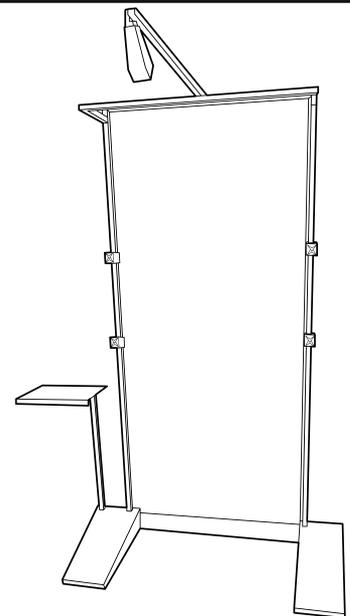
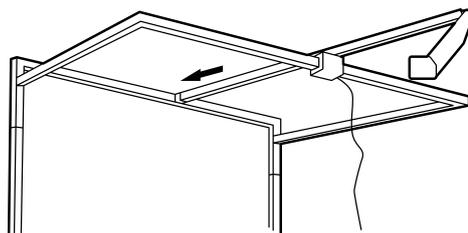
2

Attach frame top.



3

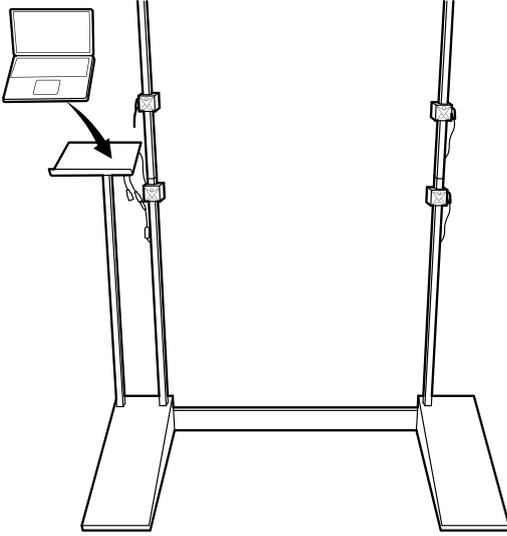
Slide Camera Extension Arm into T connector in middle of top frame.



# Attach Stabilizing Wall

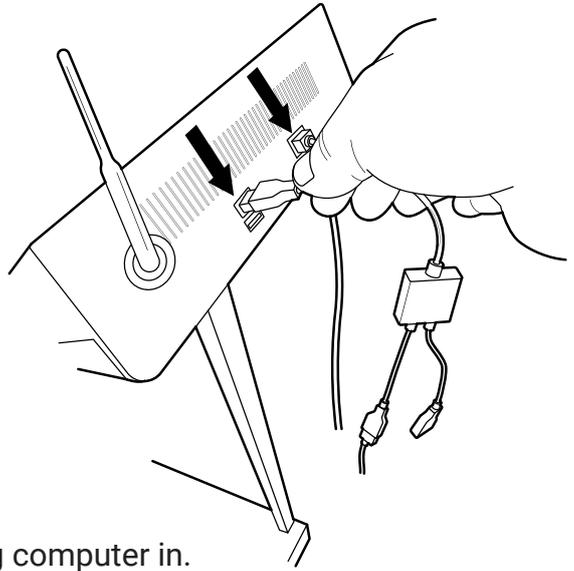
## STEP 4 Electrical Connections

1



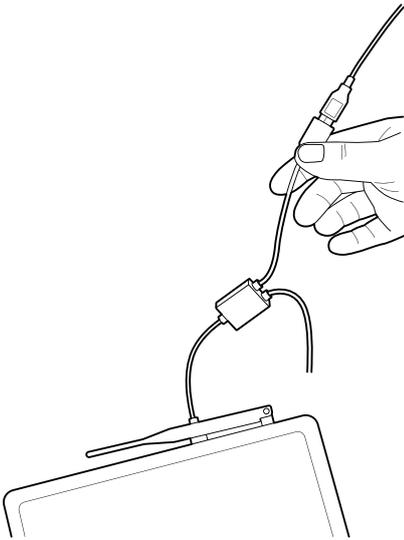
Unbox computer and place on computer tray.

2



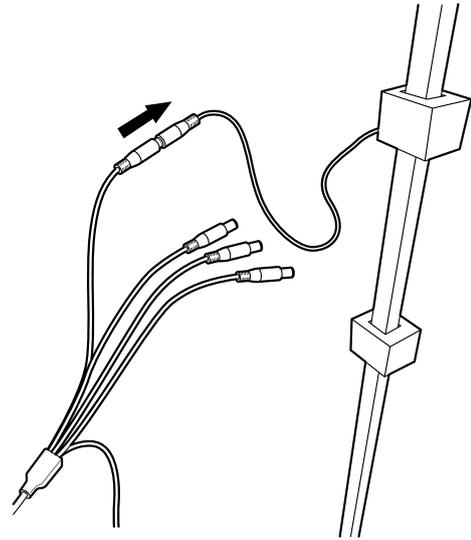
Plug computer in.

3



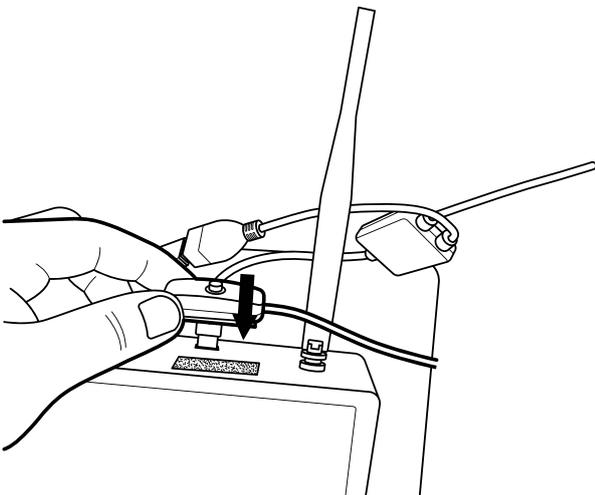
Connect USB splitter with laser cables to computer.

4



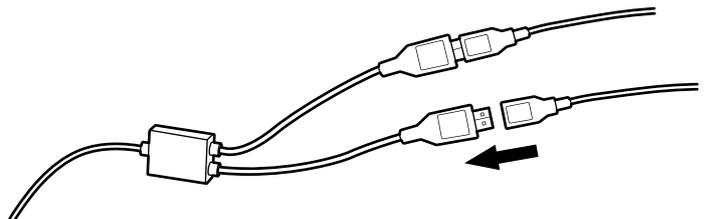
Connect split DC end to all six lasers.

5



Connect switch to the back of the computer with velcro.

6

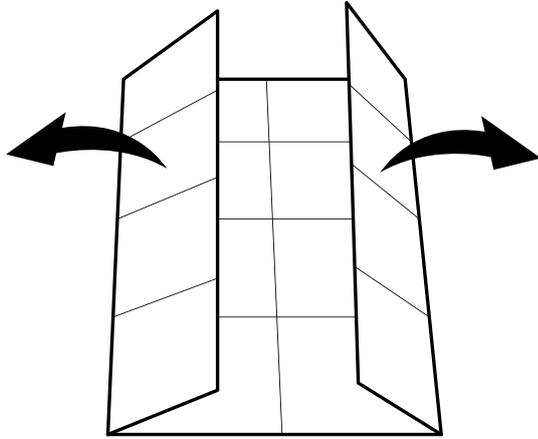


Connect camera USB cord to open USB port.

# Attach Stabilizing Wall

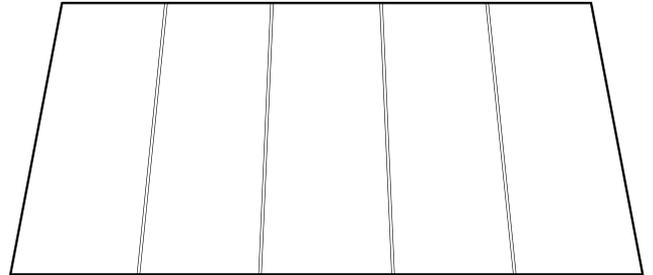
## STEP 5: Prepping and Attaching Banners

1



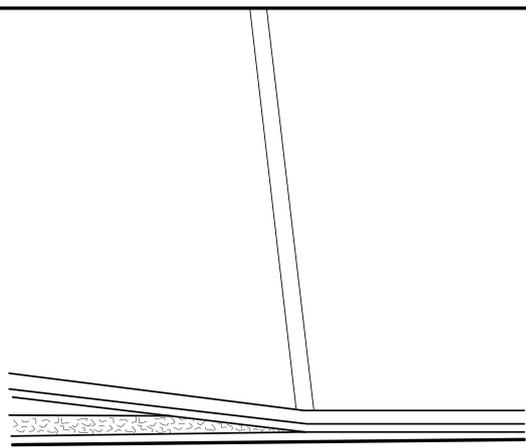
Unfold main banner by lightly bending seams in opposite directions.

2



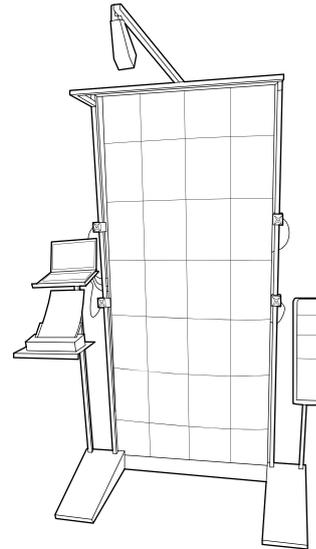
Lay main banner on floor face down. The dowel struts should be showing.

3



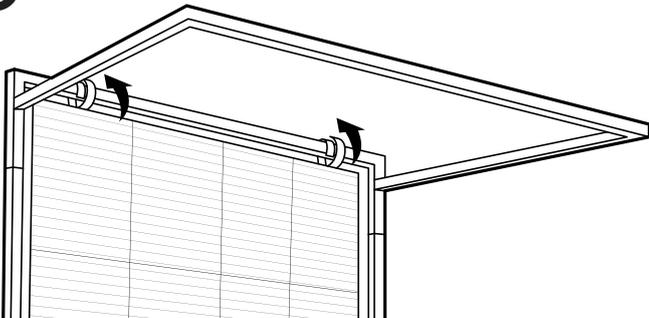
Place 4 dowel separated dowel rods with Velcro backing along outside of main banner where Velcro strip is located.

4



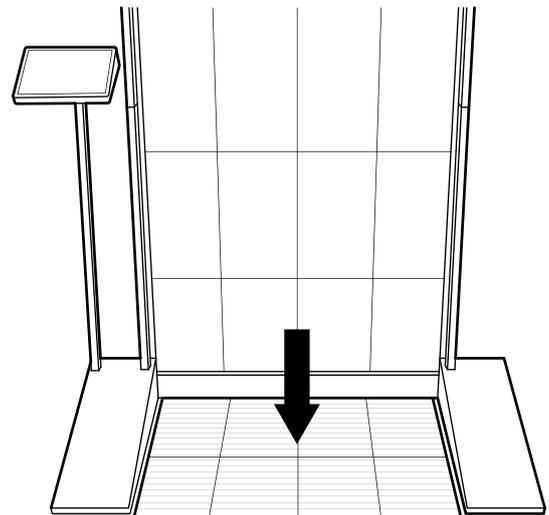
Place main banner between the wiring and back of the wundertrack frame.

5



Attach Velcro at the top of main banner to Velcro at the top of the wundertrack frame.  
**IMPORTANT:** make sure the grid lines on main banner are level with the top of the wundertrack frame.

6



Lay the bottom banner face up between the two support legs.

# Software Setup

## Entering Office Information

1. Open the WunderTrack application from the shortcut icon on the windows desktop.
2. Click preferences at the top of the window.
3. Select Office Data in the list.
4. Enter your Office Information in the appropriate fields and click "OK" to save and exit.

## Orienting the camera

1. Confirm video feed orientation is correct. If not:
  - a. click the gear icon at the top left corner of the window.
  - b. choose "Configure Video".
  - c. Select the degree of camera rotation that sets the correct video orientation.
2. Tilt the camera so the green line on the grid intersect the green line on the video feed.

## Calibration

1. Click the button labeled "Initialize" at the bottom of the video feed.
2. Mouse click on the large image of the grid near one of the bolded corners. NOTE: The image will zoom in so you can align the corner of the red box over the bolded corner on the grid.
3. Right mouse click to exit the zoom setting.
4. Repeat the above two steps for each of the four corners.
5. Check to box labeled "Rotation Grid".
6. Mouse click on the floor grid near the corner that intersects one base foot and the back board. NOTE: The image will zoom in so you can align the corner of the red box.
7. Repeat this above step for the other corner.
8. Click the radio button labeled "Lower Rotation" corners.
9. Mouse click on the floor grid near the inside end corner of the base foot. NOTE: The image will zoom in so you can align the corner of the red box.
10. Repeat the above step for the other corner.
12. Click the save button at the bottom of the window
13. Click close to close the calibration window.

# Trouble Shooting

## Laser-Grid Misalignment

1. Confirm top of main grid is aligned to the top of the frame and bottom floor grid is aligned between the base feet.
2. If lasers slant down from left to right, unscrew frame stabilizing thumb bolt at left base foot and lift frame up until grid is aligned with lasers. Perform on the other side if the opposite is true.

## Inaccurate Measurements

1. Confirm the camera is tiled so the green line on the grid overlaps the green line in the video feed
2. Confirm the calibration steps are performed in the software setup section

## Inability to see Measurements.

Perform a measurement capture with the lights off, then try with the lights on. If after this step measurements fail to appear, decrease the lighting in the room.

# Other Notes

- Keep packaging material intact for use during transportation.
- Do not use device outside.
- Turn off lasers when not in use.
- Use light force when attaching or securing pieces

We appreciate your business. Thank you for purchasing a WunderTrack. We put our pride into the design and manufacturing of this product so you may enjoy the quality and accuracy in assessing your patients' posture. Please tell your colleagues about us.

Find info, accessories, and other products at:  
[www.WunderTrack.com](http://www.WunderTrack.com)