CROWD COMPASS

User Manual

WANDER FREELY

The Overview

Thanks for being awesome

You're one of the first to try the freshest Crowd Compass. We're confident you'll love it as much as we loved making it, and we want your feedback. Let us know what doesn't work and what you loved!

Thank-you and happy wandering!

The Crowd Compass Team

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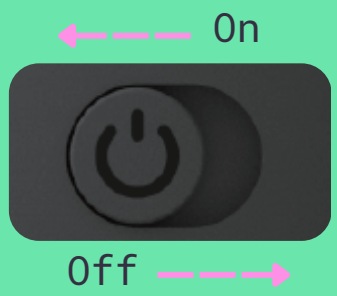
CROWD COMPASS

The Set Up, Part 1/3

You can do this on your own

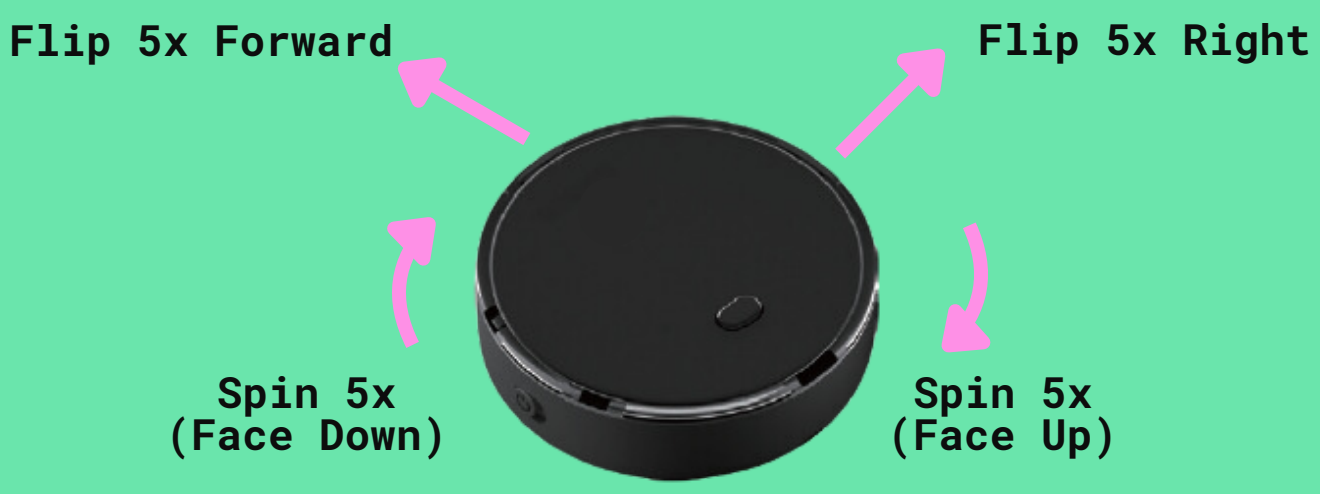
Power On/Off

- Toggle power switch *hard* to turn on/off
- Compass takes about six seconds to boot up
- Turn off if your batteries die



Next, Calibrate Your Compass:

1. Hold down both zoom buttons (+/-) simultaneously
2. Release the buttons when all lights turn off
3. When you see “CALLIBRATING,” do the following:
   a. Flip the Compass 5 times to the right
   b. Flip the Compass 5 times forward
   c. Spin the Compass 5 times while it’s face up
   d. Spin the Compass 5 times while it’s face down
4. The Compass auto exits calibration mode



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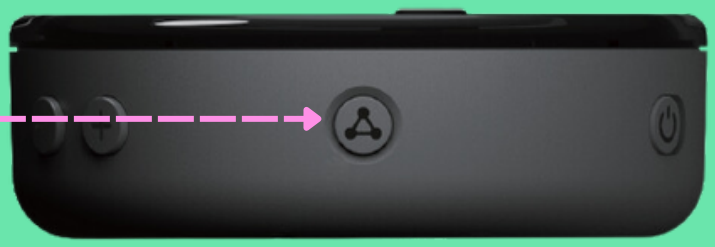
The Set Up, Part 2/3

You'll need your crew for this part

Pair with other Compasses:

1. Gather your group and stand close together
2. All together, hold pairing button until you see "PAIRING"
3. Success message will appear in your color (some Compasses are slower than others)

Pairing Button



Wait while your Compass is "Contacting Outer Space"

- It may take up to a few minutes to contact outer space and display and your friends' LEDs
- Go outside and wait for this message to stop before you move on. New LEDs appear at or near center of Compass.

Next, check your <u>messages</u>. Do this one at a time:

1. Press the main button 1+ times to choose a message
2. While one is scrolling, press and hold to send
3. Press to clear a received message
4. Wait a beat, and repeat for each paired Compass

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The Set Up, Part 3/3

Almost done!

Stay outside and check your location is working

1. Play a game of hide-and-seek!
   a. The devices are optimized for one person to hide and one person to seek. If you're both moving, they still work, but your location info will be a bit delayed
2. A white LED points in one general direction when calibrated correctly. If it jumps all over the perimeter of the device, recalibrate. Otherwise, ignore.
3. If you want, play with the zoom (click + or -)

You're Good to Go!

Or, pair with the App to unlock more features!

Other important info:

1. LEDs may lag if you're walking beside someone
   a. This is expected. GPS info can take up to 30 sec to go between Compasses (no LTE after all!)
2. If a radar animation appears, zoom out
3. Turn your Compass off if the batteries die
4. Recalibrate after you turn back on
5. Something still off? See the troubleshooting section

Pro Tip: If you need to do the pairing process again, we recommend doing a factory reset first.

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The Buttons

If you read nothing else, read this page!

When in Compass Mode:
- Press to load message
- Press and hold to send

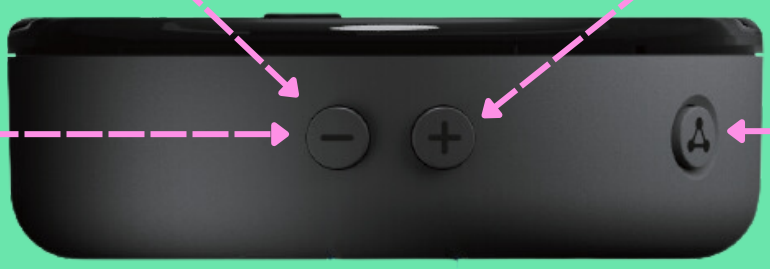
When in Party Mode
- Press to change lights

Anytime
- Press to clear a message
- Double click to see battery level

1x: Zoom out
2x: Decrease brightness

1x: Zoom in
2x: Increase brightness

Press and hold to change mode



Press and hold to pair

Turn off when your battery dies to prevent damage and save your settings

You may have to **flip the switch hard** to turn on, it takes 5-10 sec to turn on

On

Off

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The Basics

It's true, you can find your crew...

Locate your friends easily:

1. You are at the center
2. Your crew members are the other LED dots
3. Pick a friend to meet up with
4. Rotate so that dot is on the top of the Compass
5. Walk towards them to be reunited!

Pro Tip 1: Hold the Compass flat for best results.

Pro Tip 2: The Compass will get you within 10-15 feet of your friend. Once their dot is in the center, use the power of PLUR (or Party Mode) the rest of the way to reunite.

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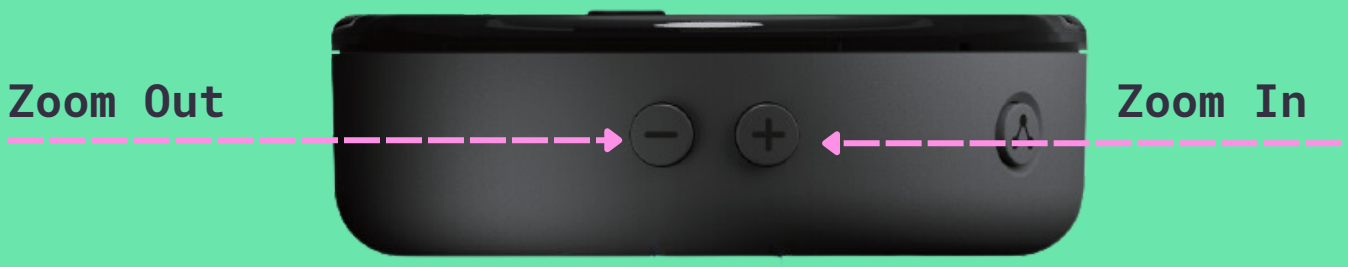
The Zoom

You're in charge of how large...

Adjust your zoom when people are close or far:

- Press the + button to zoom in, - button to zoom out
- The farthest ring's distance will then display
  - When you zoom in, you may see "100 FEET," meaning everyone on the outer ring is 100 feet away, and someone halfway between you and the farthest ring is 50 feet away



Pro Tip: If you see a scanning animation, it means nobody is in range. Zoom out (hit the - button) to find your crew.

Pro Tip 2: Make sure you're fully zoomed in when getting close to finding someone. Ring distances are here.

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The Messages

Say important stuff like, “I’m Peaking Bro!”

Sending messages:

- Press the main button once to load a message
- Press again to view the next message
- Press and hold to send a message (while it’s scrolling)
- The Compass will confirm with “Alert Sent”
- Press the main button to clear the confirmation message

Receiving messages:

- You’ll see messages in the sender’s color
- Press the main button to clear a message
- The most recent message received will always be shown

Press to load
Press and hold to send
Press to clear

Pro Tip: Customize your pre loaded messages in the app.

Click here if you need to jump back to the Set Up section

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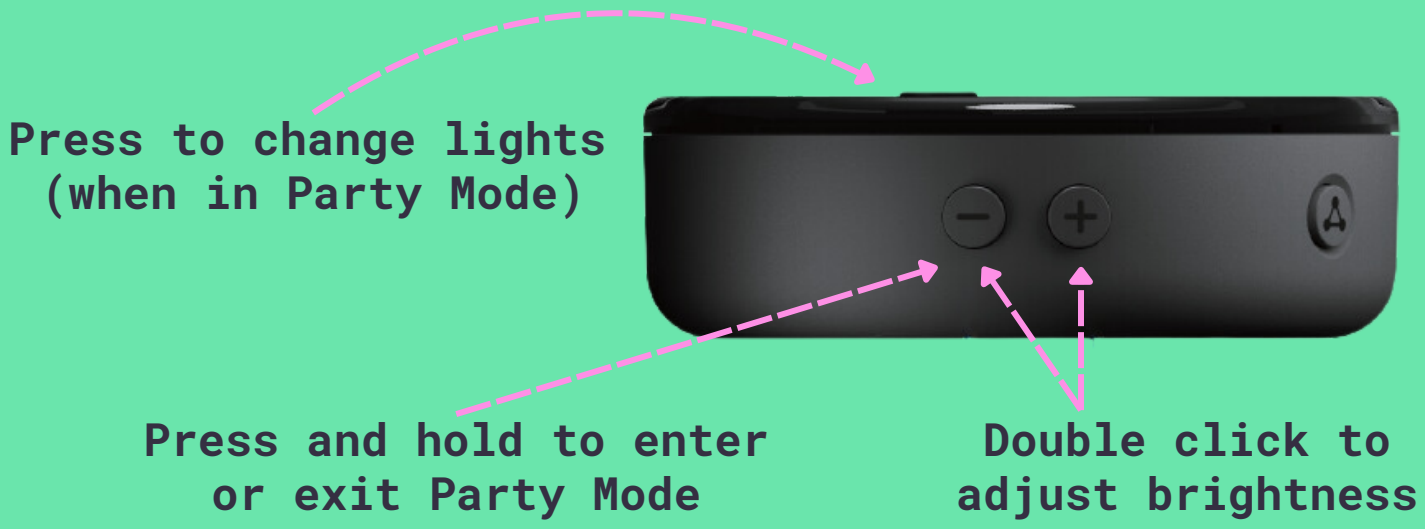
The Visuals

Look good, feel good, dance good

- **Party Mode**
  - Press and hold the - button to enter/exit Party Mode
  - Press the main button to change the type of Party Mode
  - Clearing a message returns to Compass Mode *(proto bug)*
- **Brightness**
  - Double click either zoom button to increase or decrease the overall brightness (in any mode)
  - The + button increases the brightness, the - button decreases the brightness. Duh...



Pro Tip: Try entering Party Mode if you need a bright light to find someone in a dense crowd or just wanna add some flare to your outfit.

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The Battery

Stay hydrated and juiced up!

When you're juiced up

- Double click the main button for the battery level
- Battery icon flashing means your battery level is low and you need to change your batteries

When you're outta juice

- A red empty battery icon means your battery is dead
- Crowd Compass uses 3 AA batteries (lithium recommended)
- **After batteries are changed, you must recalibrate**
- Paired Compasses and your settings will stay after you change your batteries or turn the Compass off

Double click to see the current battery level

Pro Tip: If your battery dies, turn the Compass off to prevent damage and prevent your settings from being reset.

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Troubleshooting

In case your Compass starts tripping too...

Compass displaying a radar animation

- Zoom out - this means nobody's in range

Compass displaying "NO FRIENDS FOUND"

- Turn on or pair your other Compasses
- This means nobody is online or has GPS signal yet

Compass displaying "CONTACTING OUTER SPACE"

- Go somewhere with clear view of the sky, wait 2-5 minutes
- Turn off/on if it stays
- This means your Compass is working to get GPS signal

Compass doesn't turn on when hitting the power switch

- Ensure batteries are in correctly
- You may have to wiggle the battery contacts (springs)
- Flip the on switch hard

LEDs are not responding

- Recalibrate the Compass

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Recalibrate or Reset

We all need a reset sometimes

Recalibrate after new batteries OR LEDs are not responding

- Hold down both zoom buttons (+/-) simultaneously
- Release the buttons when all lights turn off
- When you see “CALLIBRATING,” do the following:
  - Flip the Compass 5 times to the right
  - Flip the Compass 5 times forward
  - Spin the Compass 5 times while it’s face up
  - Spin the Compass 5 times while it’s face down
- The Compass auto exits calibration mode in 30 seconds
- A white LED will point one direction (north) when calibrated correctly. If it jumps around, recalibrate.

If nothing above works, factory reset your Compass

- Hold down all the buttons simultaneously but do so in this order: Main, Zoom +, Zoom -, Pair
- Resetting wipes all calibration, pairing, and app settings

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The Distance

Wanna play a really big game of hide-n-seek?..

A breakdown of the various zoom levels and their distances:

Ring	Zoom Level 0	Zoom Level 1	Zoom Level 2	Zoom Level 3	Zoom Level 4	Zoom Level 5
Center LED Diameter	20 ft	20 ft	20 ft	20 ft	20 ft	20 ft
Center LED Ring Distance	35 ft	125 ft	375 ft	750 ft	1500 ft	3000 ft
Middle LED Ring Distance	50 ft	250 ft	750 ft	1500 ft	3000 ft	5280 ft
Outer Middle Ring Distance	75 ft	375 ft	1125 ft	2250 ft	4500 ft	10560 ft
Outer Ring Distance	100 ft	500 ft	1500 ft	3000 ft	6000 ft	Really Far

Thank You!

Huge thank-you to you and your crew for being on team Crowd Compass!

We look forward to hearing how your wandering goes.

Contact Us

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Regulatory Compliance

U.S.A.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more
of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications made to the Device Name device not expressly approved by Crowd Compass Inc could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1): This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CANADA
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient un ou des émetteurs/récepteurs exempts de licence conformes aux RSS exempts de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux conditions suivantes :

- Cet appareil ne doit pas provoquer d'interférences.
- Cet appareil doit accepter toutes les interférences, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

HVIN: ESP32
HMN: 1.2.0

CONTAINS FCC ID: 2BFGS-ESP32WROVERE
CONTAINS FCC ID: 2AD66-1276C1
CONTAINS IC: 32388-ESP32WROVER
CONTAINS IC: 21278-1276C1

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1): THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

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