

How to use the AirBeam sensor and tablet

Step 1:

Turn on the Samsung tablet.

1. Hold the button down on the right side of the tablet.
2. The district WiFi has been added. It should connect.
3. If you need to check the WiFi connection:
 - a. Go to settings.
 - b. Click network and internet.
 - c. Click WiFi
 - d. Select correct network



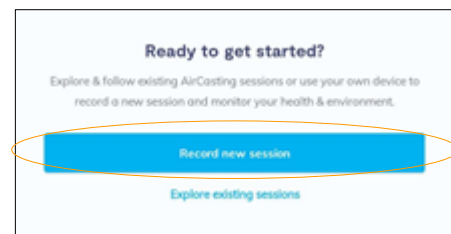
Step 2:

Find the AirCasting app. Open it.



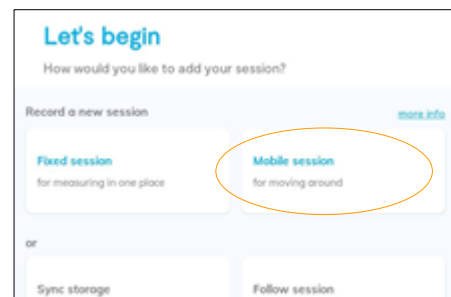
Step 3:

When the app is open, click on 'record new session'.



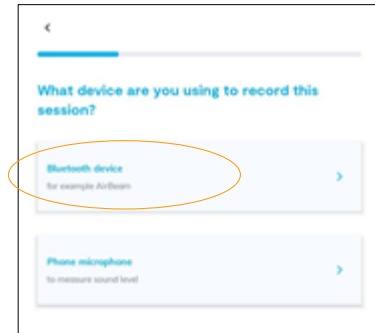
Step 4:

Select the 'mobile' session option.



Step 5:

Select 'Bluetooth device'.



Step 6:

Power on your AirBeam.

1. Find the button on the bottom of the AirBeam.
2. Push it one time.
3. A green light should appear on the AirBeam.
4. Select continue.



Step 7:

1. Look at the back of the AirBeam. You will see 4 numbers or letters.
2. Match them with the last 4 numbers or letters on the screen.
3. Select that bubble.
4. Select 'connect'.



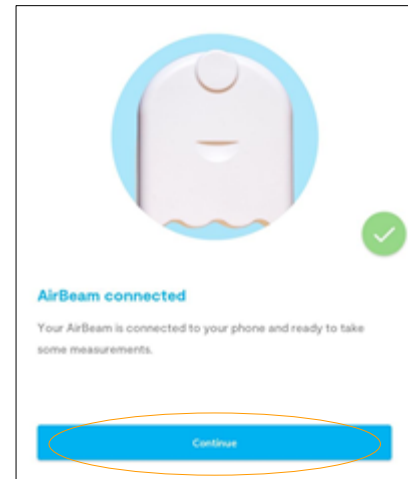
Step 8:

- You will see a screen like this. It should connect in 10 seconds.
- If it takes longer than 1 minute, power it off and start over again.



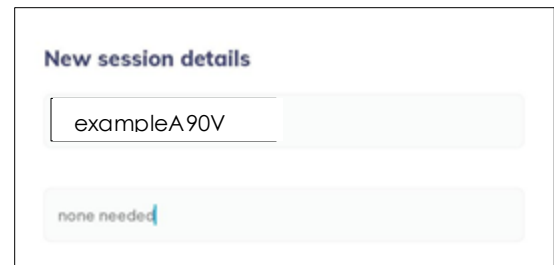
Step 9:

- When your AirBeam is connected, the light will change from green to blue.
- The blue light will go on and off while you use it.



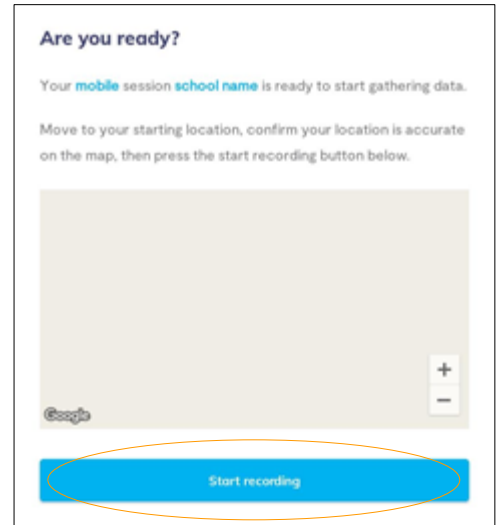
Step 10:

- To help you identify your session later, **do** use your:
 - School name
 - Teacher name
 - Classroom number
 - Student initials
 - 'Team' name
 - Write the 4-digits/letters that match the AirBeam in the session name.
- **Do not** use full student names. Other people will see this info.

A screenshot of a mobile application form titled 'New session details'. There are two input fields. The first field contains the text 'exampleA90V'. The second field contains the text 'none needed'.

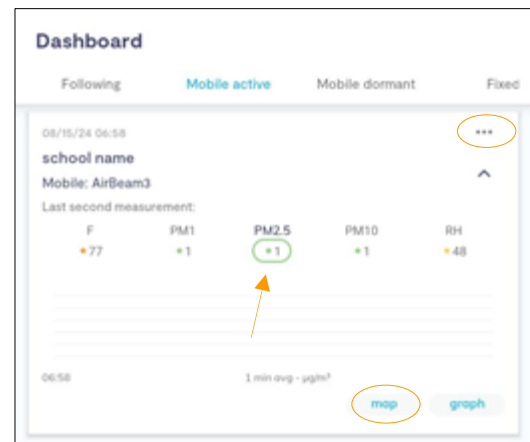
Step 11:

Select 'Start recording' to start your session!



Step 12:

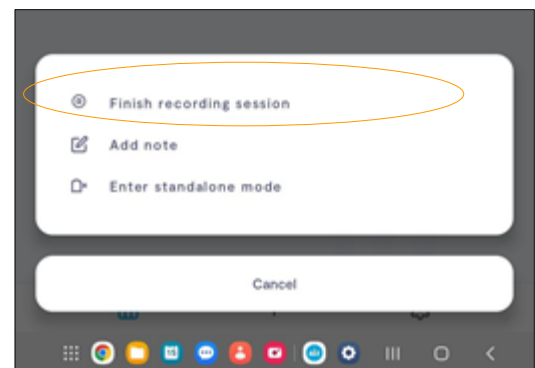
- See real-time air quality!
- Click on the 'map' to see the air quality and your location as you walk to different areas.
- Click on the "..." and "add note" to take pictures and write observations.



Step 13:

When you want to end your session:

1. Press the "..." button.
2. Select "Finish recording session".
 - If you are connected to WiFi, the session will be uploaded to the AirCasting website.
 - If you do not have WiFi, you can 'sync' the information once you are connected to WiFi.



How to record a session on your Airbeam

1. Use your school name, teacher name and classroom number. Or, you could use a student's initials and team name to help you find your session later.
Use the **last 4 digits/letters** from the AirBeam.
Do **not** use full student names. This info will be public.
2. Leave tags blank
3. Select "start recording".
4. When you want to end your session, press the "..."
button and click "finish recording session". If the device is connected to Wi-Fi, it will upload instantly. If it is not connected to Wi-Fi, you must "sync" the information once you are connected.



New session details

exampleA90V

none needed

How to see your AirBeam session

1. Go to <https://www.habitatmap.org/aircasting>
2. Zoom into your location
3. Click "filter". Then, choose the profile name "Love My Air Wisconsin". Click "show results".
4. Look for your session by reviewing the dates and session names on the tabs across the bottom.

AirBeam Color Key

- **Solid green:** Ready to be connected to reader device. Waiting for Bluetooth to connect.
- **Solid blue:** Bluetooth connected.
- **Solid white:** AirBeam3 connected and sending data.
- **Blinking white:** Bluetooth connected and sending data.
- **Blinking yellow:** standalone mode, Bluetooth disconnected, cannot determine location
- **Blinking orange:** standalone mode, Bluetooth disconnected, location being recorded.
- **AirBeam is not connected to the reader device.**
- **Blinking dark pink:** Battery is low. Plug in your AirBeam.
- **Cyan:** Session data is being sent and stored to the reader device.

Common questions:

Why is the tablet or Airbeam not turning on?

- Make sure both devices are fully charged.

Why is the AirBeam not sending data?

- The AirBeam needs a strong Wi-Fi connection to collect data. Make sure you are connected to Wi-Fi. Also, make sure the AirBeam and tablet are close to each other the entire time you use them.

Other questions?

- Contact Sarah Kroening at skroening@childrenswi.org or call (414) 266-9730.