

BRNKL Blue

Get started



BRNKL



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Get started

Install your BRNKL Blue and get it ready to add devices.

To get started:

1. [Install BRNKL](#)
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3. [Connect antennas](#)
4. [Connect router](#)
5. [Connect other networks](#)
6. [Set basic settings](#)
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Install BRNKL

Position and mount your BRNKL.

To install BRNKL, follow these steps:

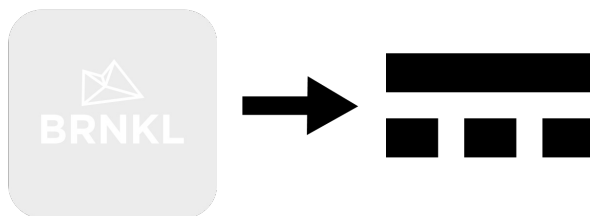
A | Select position

Follow these guidelines:

- Place indoors in a dry location.



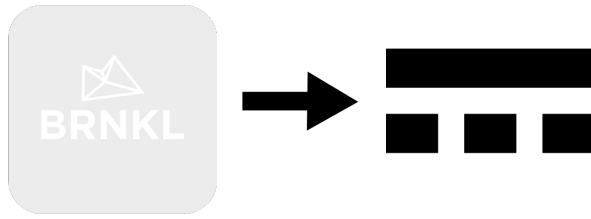
- Allow close access to a 9-60 V DC power supply.



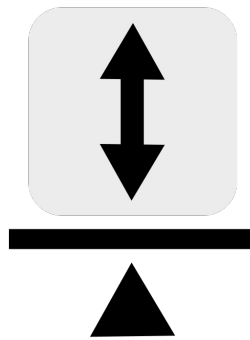
- Provide for GPS/GNSS antenna placement within 3 m (10 ft).



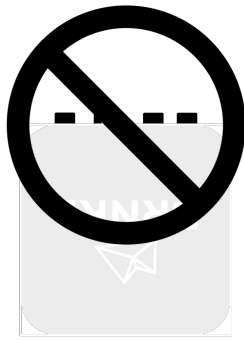
- Allow for connections with selected onboard networks and devices.



- Ensure a stable mounting surface.
 - Vertical mount recommended.



- **DO NOT** position with connection panel facing up.



- Allow 10 cm (4") of clearance on the bottom of the BRNKL to access connection ports.

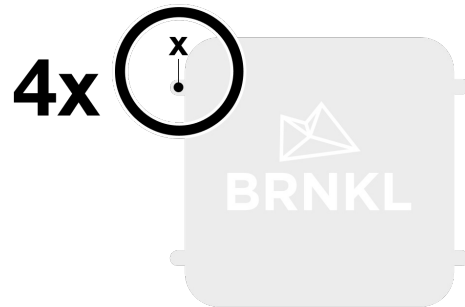


B | Mount device

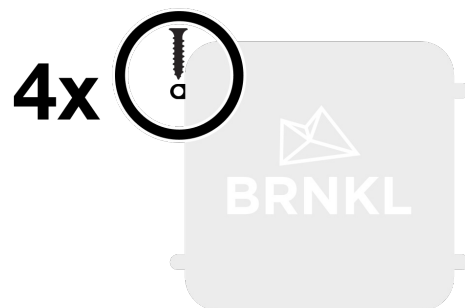
Follow these steps:

1. Mark the four screw holes.

Drill pilot holes as required.



2. Secure with four screws.




Connect power

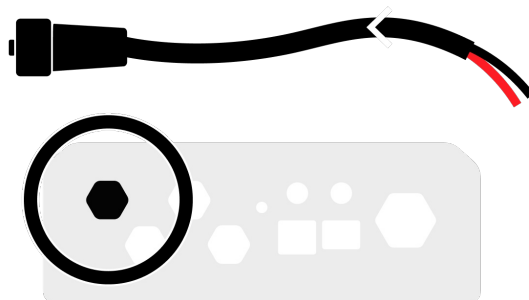
Connect a DC power supply to your BRNKL.

To connect power:



On the BRNKL:

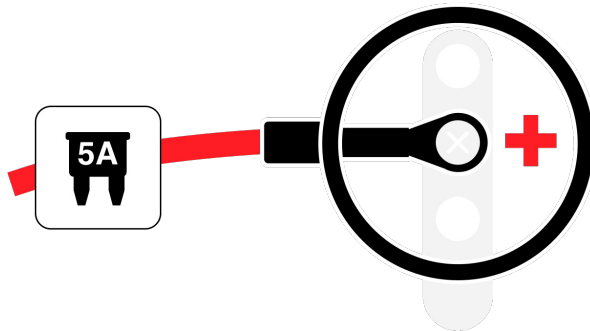
- Plug the supplied power cable into the power port  .



Turn collar to fasten.

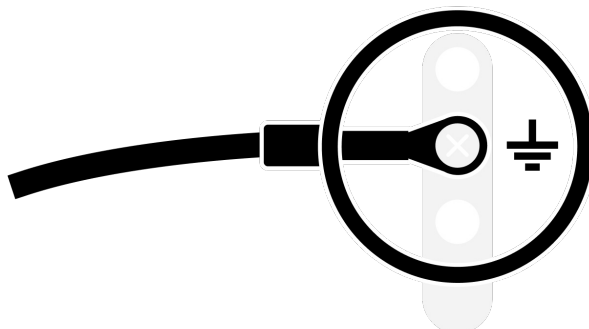


On the power cable:

- Connect the red wire  to a positive terminal  .
 - Voltage range 9–60 V DC
 - Include 5A fuse



- Connect the black wire  to a common ground terminal  .




Connect antennas

Connect the supplied antennas to your BRNKL Blue.

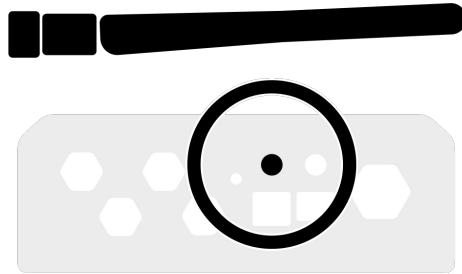
To connect antennas, do the following:

Connect Wi-Fi antenna

On the BRNKL:


- Plug the supplied antenna into the Wi-Fi antenna port  .

Turn collar to secure.

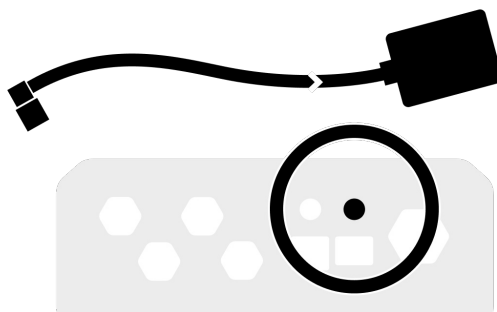


Connect GPS GNSS antenna

On the BRNKL:

- Plug the supplied GPS/GNSS antenna into the GPS port  .

Turn collar to secure.



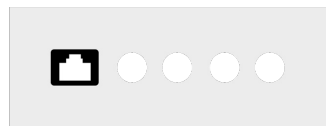
Connect router

Connect an IP router to your BRNKL.


To connect router:

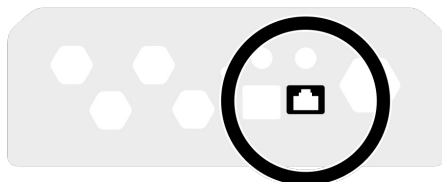
On the router:

- Plug an ethernet cable into an available port.



On the BRNKL:


- Plug the other end of the cable into the ethernet port .



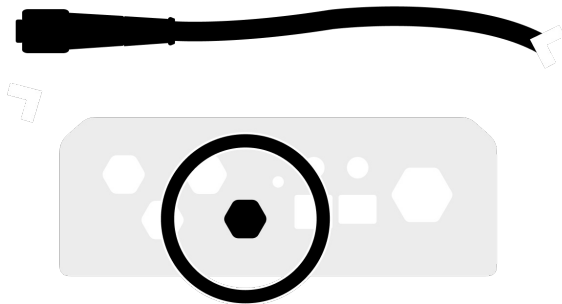
Connect other networks

Connect the following networks based on the devices you plan to add to your BRNKL:

Connect NMEA2000 network


- Connect one end of a drop cable to the NMEA2000 network.
- On the BRNKL, plug the other end of the cable into the NMEA2000 port .

Turn collar to fasten.

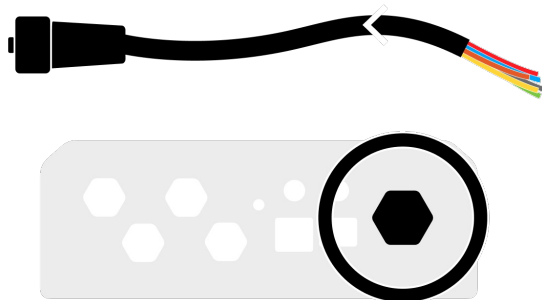


Connect connector cable

On the BRNKL:

- Plug the connector cable into the connector port .

Turn collar to fasten.



Set basic settings

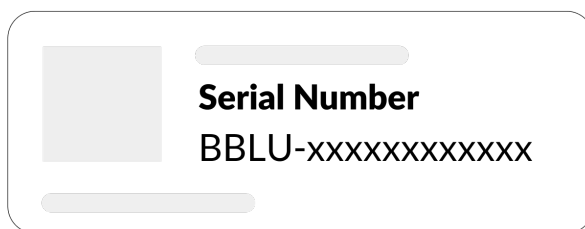
Set the basic settings required to operate your BRNKL.

To set basic settings:

On the BRNKL or its packaging:

1. Find the **BRNKL Serial Number**.

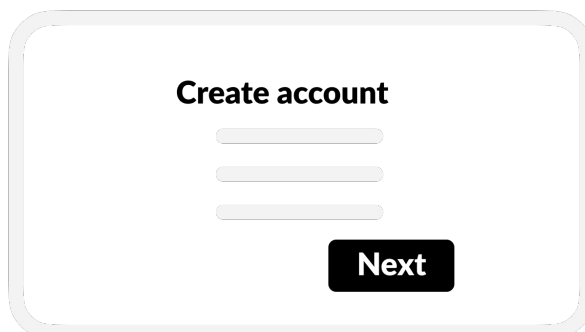
Make note of the number.



2. Using a browser connected to the same network as the BRNKL, open the BRNKL device webpage:
 - In the browser address bar, enter the **BRNKL Serial Number** with a **.local** extension.



3. From the **Create account** page, follow the prompts to create a user account and set basic device settings.



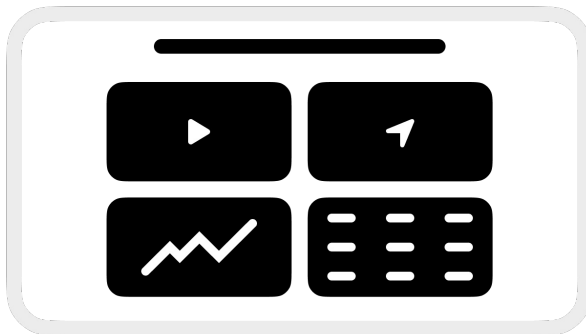
Calibrate

Calibrate your BRNKL's built-in sensors.

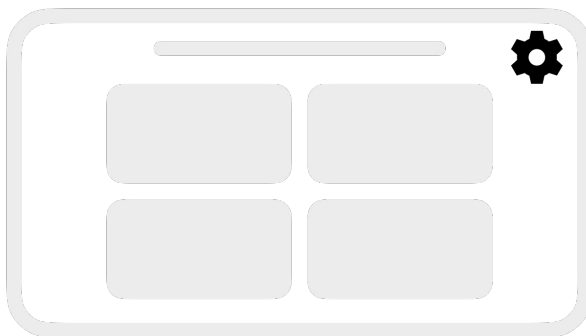
Recalibrate whenever your BRNKL shifts or changes position.

To calibrate:

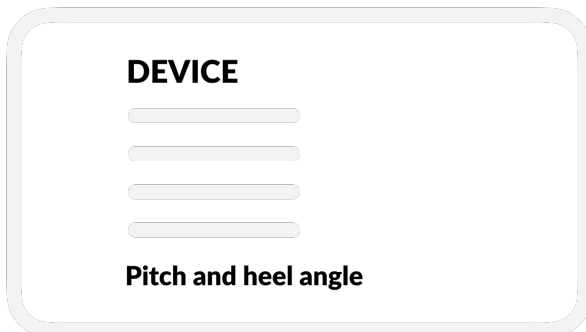
1. Open the BRNKL device webpage.



2. Select Settings .



3. In **DEVICE** settings, go to **Pitch and heel angle**.



4. Select **CALIBRATE**.



Get more help at [**brnkl.io/help**](https://brnkl.io/help)

Always on board.

