

Setup your Windbird

**Thank you for purchasing a Windbird!
We will set it up together...**

Before we continue, here are a few tips:

- Please don't rush
- Follow all steps
- Don't skip the compass calibration !!!
- If you had a Pioupiou before, forget all about it. Windbird has many differences
- If any doubt, send an email to contact@windbird.com

First, watch the video.

<https://windbird.com/instructions-video>

In the box



In the box, you will find:

Windbird

It's ready to use:

- Batteries are included
- Network is configured
- Contract is active

Don't open it, or you might void the warranty.

Mounting hardware

The mounting bracket allows you to attach the WindBird to a pole. Attach it as vertically as possible.

An USB update cable (Optionnal)

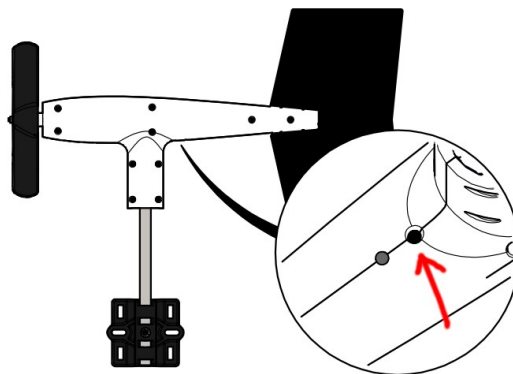
Not needed today. Keep it in a safe place. Don't lose it.

The unique number



Your Windbird has an unique serial number. You need to remember that number. It will be useful to check the measurements, to ask for support or to do maintenance.

Turn it on and off



Startup

Briefly press the button using a stick or a pen.
Watch the led reaction.

If steady (~15s):

- The device is turning on and sending an initial message.
- When the LED goes out, the startup process is finished. The Windbird is now up and running.
- It will then perform a GPS location for approximately 45 seconds.
- The first measurements will be received around 10 minutes later.

The LED will then always remains off during operation.

https://youtu.be/G4Q_-JK-y8g

If slow continuous flashing:

Capacitor charging is in progress. It can takes up to a few minutes.

Once the LED stops flashing, startup continues as described above.

<https://youtu.be/ASRMdQrbvfo>

Shutdown

Press the button again.

The LED flashes rapidly 5 times then fades.

The Windbird is now off.

<https://youtu.be/t5HZdMiLzIE>

Compass calibration

Unlike other wind vanes, Windbird does not need to be oriented with respect to north. It includes an electronic compass.

However, it is absolutely necessary to calibrate Windbird's compass.

The earth's magnetic field varies at each location. This is why calibration must be carried out at each installation site, just before mounting Windbird on its mast.

If you were familiar with the Pioupiou device, forget all about it. The Windbird calibration procedure is different.

How to calibrate?

- Make sure the Windbird is already switched on.
- Keep pressing the button for ~10 seconds, until the led blinks.

First, we will calibrate the 2 vertical positions :

- Hold the Windbird upright. Rotate the Windbird around its axis, for about one revolution.
- Hold it upside down. Rotate the Windbird (always one revolution).

Then, we will calibrate the 4 horizontal positions :

- Hold it horizontal in front of you. Rotate the Windbird.
- Turn your body 90° on your right. Rotate the Windbird.
- Turn your body 90° on your right. Rotate the Windbird.
- Turn your body 90° on your right. Rotate the Windbird.

You've come full circle.

Now check the LED. If it is still lit, you need more samples. Repeat the moves until the LED clears itself.

Once the calibration is complete, the LED will turn off for 3 seconds then the Windbird will reboot.

Better than a long text, watch the video demonstration:

<https://windbird.com/calibration-video>

Check the reports

The reports are visible on webpage windbird.com/{device number}

Example: If your number is 1300, like in the previous picture, visit <https://windbird.com/1300>

You can also access it easily from <https://openwindmap.org>

