

Windsong



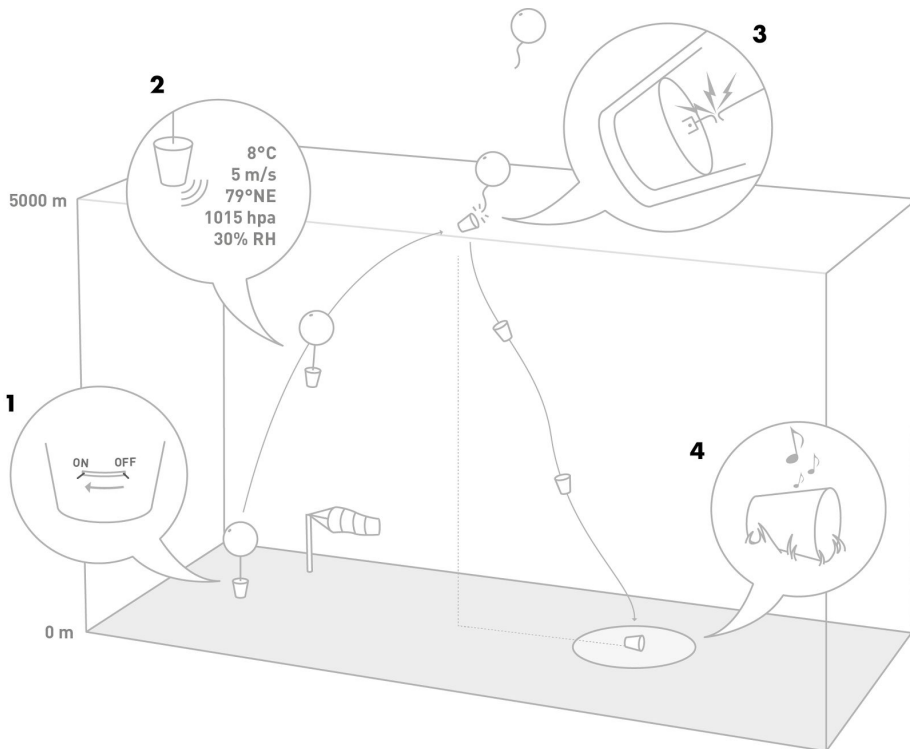
Lightweight and reusable radiosonde

Windsong is a weather balloon system for an immediate view of local conditions at different altitudes. The focus on portability and low operating costs makes it perfect for frequent use in the field.

- Uniquely small size (30 liter helium)
- Save precious helium and canister size
- Real-time wind, temperature, humidity profiles
- Predict and control landing location
- Reusable sondes for best economy
- Reliable sonde recovery even days later
- User-friendly ground station software
- Outputs over 10 data formats, including WRF and CSV

Specifications S1H3	
Operating range	-40 ~ +80° C 0 ~ 100% RH
Temperature sensor	Type: Band gap Accuracy: 0.3 °C Resolution: 0.01 °C
Humidity sensors	Type: Capacitive Accuracy: 2.0 %RH Resolution: 0.05 %RH
Air pressure	Range: 300 – 1100 hPa Resolution: 0.02 hPa Accuracy: 1.0 hPa (at 700 – 1100 hPa)
Wind direction	Resolution: 0.1°
Wind speed	Range: 0 – 150 m/s
Sonde weight	12 gram
Max altitude	9000 m MSL

For full specification see Windsong® product catalog



Windsong launch Overview

1. Launch
2. Real time telemetry
3. Cut down at preferred altitude
4. Recovery of sonde

(Choose between reusable and single-use sondes)