



User Manual

Overview

Portronics Meteo is an indoor weather station that displays time, date, temperature, humidity, moon phase, and weather forecast. It also includes a color backlight, alarm with snooze, max/min readings, and optional DCF time calibration.

Button Guide

- 1. SET Key**
 - Long Press: Enter the main setting mode (Time → Year → Month → Date).
 - Short Press: Move to the next step within the setting cycle.
- 2. UP Key**
 - Increase the selected value by 1.
 - Long Press: Rapid increase.
- 3. DOWN Key**
 - Decrease the selected value by 1.
 - Long Press: Rapid decrease.
- 4. °C/°F Key**
 - Switch between Celsius (°C) and Fahrenheit (°F).

- 5. ALARM Key**
 - Long Press: Enter alarm setting mode.
 - Short Press: Move through the alarm setting cycle: Hour → Minute → Snooze Duration (5–20 mins)
- 6. SNOOZE / LIGHT Key**
 - During Alarm: Short press to activate Snooze.
 - On Adapter Power: Short press to adjust backlight brightness.

Main Features

- Time, Date & Weekday Display for quick daily reference.
- 12/24-Hour Format selection to match your preference.
- Indoor Temperature Range: -10°C to 50°C.
- Indoor Humidity Range: 10% to 99%.
- Color Backlit Display with adjustable brightness (when using adapter power).
- Single Alarm with adjustable snooze (5–20 minutes).
- Moon Phase Display for daily lunar tracking.
- MAX/MIN Readings for temperature and humidity.
- Dual Power Options:
 - > Battery: Backlight for 8 seconds on key press
 - > Adapter: High / Medium / Off brightness modes

Initial Start-Up

- Insert batteries or connect the power adapter.
- The screen will light up with a full display.
- A short beep will confirm power-on.
- The device enters default normal time mode with:
 - > 24-hour format
 - > Temperature in °C

Setting the Time & Calendar

- While being in the time display mode, press and hold the SET key to enter the setting mode.
- Short press the DOWN key to switch between 12-hour and 24-hour formats. When set to 12-hour mode, AM/PM will appear on the screen.
- The display will begin flashing the first adjustable value.
- Use the UP or DOWN keys to change each value.
- Press the SET key to move through the sequence.
- Long press UP or DOWN for fast scrolling through numbers.
- Setting Sequence: Hour → Minute → Year → Month → Date
- After the final step, press SET again to confirm and exit.
- If no key is pressed for 10 seconds, the device will automatically exit the setting mode and return to the main screen.

Alarm Function

- 1. Entering Alarm Mode**

Short Press the ALARM key to enter the alarm display mode. In this mode, you can:

 - View the current alarm time
 - Turn the alarm ON/OFF
 - Enter the alarm setting cycle (by long pressing)
- 2. Setting the Alarm**
 - Press and Hold the ALARM key to enter the alarm setting mode.
 - The alarm hour will start flashing.
 - Use the UP or DOWN keys to adjust.
 - Press ALARM again to move to the next step.
 - Alarm Setting Cycle: Hour → Minute → Snooze Duration (5–20 minutes)
 - After the final step, press ALARM once more to save and exit.
 - If no key is pressed for 10 seconds during setting, the device will automatically exit the alarm setting mode.
- 3. Turning the Alarm ON / OFF**

(This controls whether the alarm will ring at the set time.)

 - While in alarm mode, short press the UP key to toggle the alarm ON or OFF.

- When the alarm is ON, the alarm icon appears on the display, indicating that the alarm is active.
- 4. When the Alarm is Ringing**
 - **Stopping the Alarm** : Press ANY key to stop the alarm immediately.
 - **Snooze Mode** : Press SNOOZE/LIGHT to activate snooze. The alarm will ring again after the selected snooze duration.
 - 5. Alarm Behaviour**
 - The alarm rings for 2 minutes if not stopped manually.
 - During this time, the beep pattern gradually increases:
 - > 0–15 sec: 1 beep/sec
 - > 16–30 sec: 2 beeps/sec
 - > 31–45 sec: 3 beeps/sec
 - > 46–60 sec: 4 beeps/sec
 - > After 60 sec: Continuous beeping
 - Press ANY key to stop the alarm immediately.
 - 6. Snooze**
 - When the alarm sounds, press SNOOZE/LIGHT to activate Snooze (default: 5 minutes).
 - Snooze can repeat for up to 3 automatic cycles.
 - If no key is pressed, Snooze activates automatically after 2 minutes of ringing.

Temperature & Humidity

- Indoor Temperature**
- Measurement Range: -10°C to 50°C
 - Below -10°C → Display shows "LL"
 - Above 50°C → Display shows "HH"
- Indoor Humidity**
- Measurement Range: 10% to 99%
 - Below 10% → Display shows "LL"
 - Above 99% → Display shows "HH"
- Switching Units (°C/°F)**
- Press the °C/°F key to toggle between Celsius (°C) and Fahrenheit (°F).
 - Press the UP key to view maximum and minimum temperature & humidity readings.

Backlight & Power Modes

- Battery Power**
- When operating on batteries, pressing any key turns the backlight ON for 8 seconds.
 - The backlight automatically turns OFF after 8 seconds to save battery.

- Adapter Power**
- When using a power adapter, the backlight stays active and brightness can be adjusted.
 - Press the SNOOZE/LIGHT key to cycle through the brightness levels: High → Medium → Off → High
 - Choose the preferred brightness based on room lighting.
- Note** : Uses 3×AAA batteries to preserve time and setting.



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