PORTRONICS

Meteo

Smart Weather Clock with Indoor Temperature & Humidity Display

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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