



Manuals.plus /

- › Raddy /
- › Raddy DT6 Indoor/Outdoor Weather Station User Manual

Raddy DT6

Raddy DT6 Indoor/Outdoor Weather Station

User Manual

PRODUCT OVERVIEW

The Raddy DT6 is a versatile weather station designed to provide essential indoor and outdoor environmental data. It features a color display, DCF radio clock, thermometer, hygrometer, and barometer, offering real-time weather forecasts and comfort indicators.

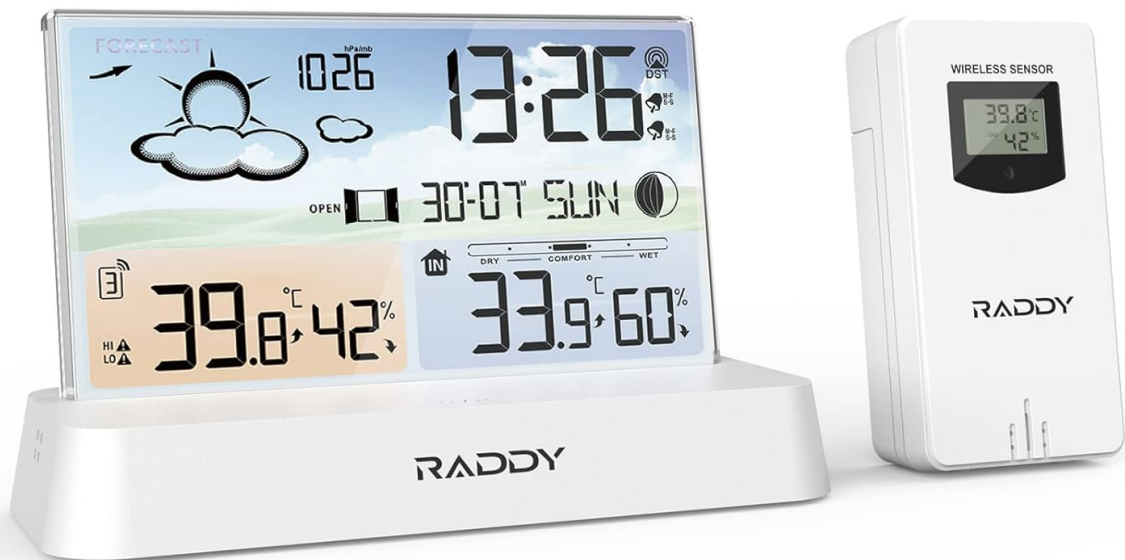


Image: The Raddy DT6 main display unit and its accompanying wireless outdoor sensor.

Key Features:

- **Comprehensive Weather Information:** Displays barometric pressure, temperature, humidity, and a 12-hour weather forecast.
- **Indoor and Outdoor Monitoring:** Supports up to 3 wireless sensors for monitoring multiple areas.
- **Comfort Indicator:** 5-level humidity indicator with ventilation reminders.
- **Alerts:** Customizable high/low temperature alerts and ice warning.
- **Timekeeping:** DCF radio-controlled clock, date, calendar, and moon phase display.
- **Adjustable Display:** 4 levels of adjustable backlight brightness.
- **Dual Alarm Clock:** Separate alarms for weekdays and weekends with snooze function.

SETUP GUIDE

1. Unpacking and Powering On

1. Carefully remove all components from the packaging.
2. The DT6 console is powered by a wired electric connection (USB cable included). Connect the USB

cable to the console and a suitable power adapter (not included).

3. The wireless outdoor sensor requires batteries (not included). Insert 2x AAA batteries into the sensor, ensuring correct polarity.

2. Sensor Placement

Place the outdoor sensor in a shaded, dry location away from direct sunlight and precipitation to ensure accurate readings. The transmission range is up to 330 feet (100 meters) in open air.

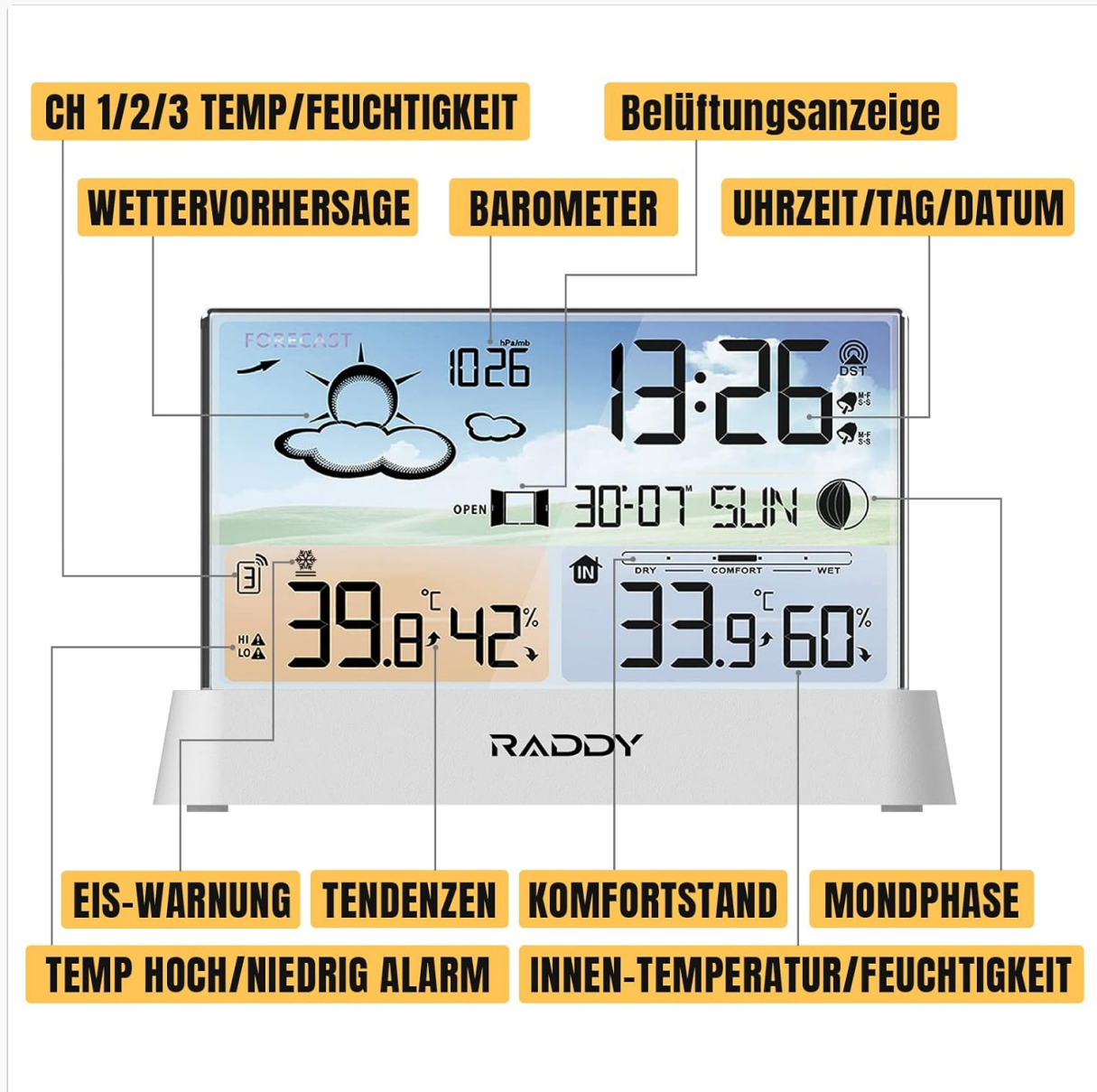


Image: The wireless outdoor sensor (left) and the main display unit (right) demonstrating their connection. The sensor has a transmission range of up to 330ft.

3. Initial Synchronization

- Once both units are powered, the main console will automatically search for the outdoor sensor. This may take a few minutes.
- If synchronization fails, press and hold the 'CHANNEL' button on the main unit to initiate a manual search.
- The DT6 supports up to 3 remote sensors. The display will automatically cycle through channels every 5 seconds if multiple sensors are connected.

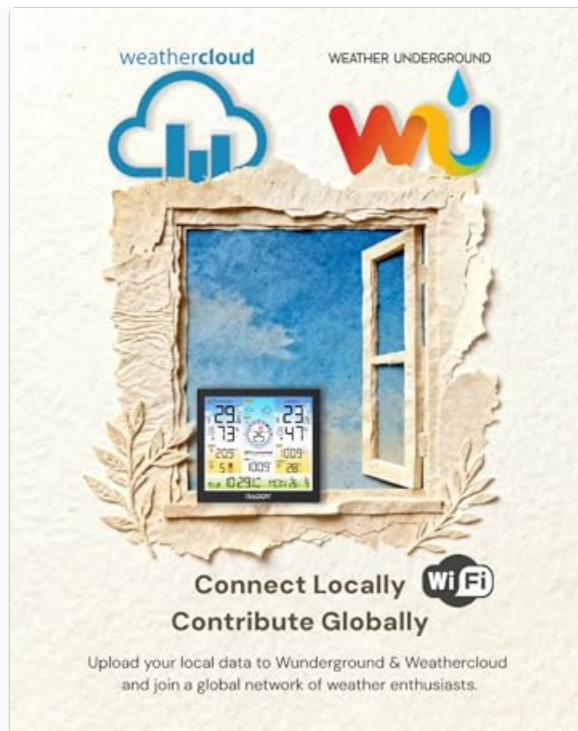


Image: The main unit measures approximately 15.2cm (W) x 9.6cm (H) x 6.1cm (D). The wireless sensor measures approximately 5cm (W) x 9.5cm (H) x 2.4cm (D).

OPERATING INSTRUCTIONS

Display Layout

The color display provides a clear overview of all weather data and time information. Refer to the image below for a detailed breakdown of the display sections.



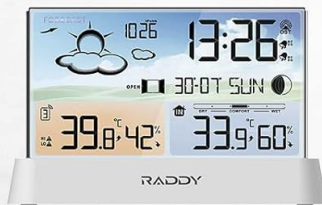
**Belüftung-
sanzeige**



Schließen des Fensters



Zum Öffnen des Fensters



Luftfeuchtigkeit
5 Komfort Level

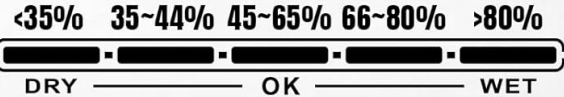


Image: Labeled display showing: Channel 1/2/3 Temperature/Humidity, Ventilation Indicator, Weather Forecast, Barometer, Time/Day/Date, Ice Warning, Trends, Comfort Level, Moon Phase, High/Low Temperature Alarm, Indoor Temperature/Humidity.

Time and Date Setting

- The DT6 automatically synchronizes with the DCF radio signal for accurate timekeeping.
- To manually set the time or date, press and hold the 'SET' button. Use the '+' and '-' buttons to adjust values and 'SET' to confirm.
- The week can be displayed in 7 different languages.

Weather Forecast

The station provides a 12-hour weather forecast based on barometric pressure changes. Icons indicate sunny, partly cloudy, cloudy, rainy, or snowy conditions.

FUNK-FERNBEDIENUNGSSENSOR

Übertragungreichweite bis zu 330ft



Image: The 12-hour weather forecast section of the display, showing icons for Sunny, Partly Cloudy, Cloudy, Rainy, and Snowy conditions.

Temperature and Humidity Monitoring

- View current indoor and outdoor temperature and humidity.
- The display shows trends for temperature, humidity, and barometric pressure.
- Set customizable high/low temperature alerts for outdoor readings.
- Access maximum and minimum recorded temperature and humidity values.

Comfort Level and Ventilation

An integrated comfort indicator displays 5 levels of humidity, helping you maintain an optimal indoor environment. Ventilation reminders suggest when to open or close windows.

4 EINSTELLBARE HINTERGRUNDBELEUCHTUNG



LV1

LV2

LV3

LV4



Aktivieren der
Hintergrund-
beleuchtung



Image: The display showing a ventilation prompt (icons for 'Close Window' and 'Open Window') and a 5-level humidity comfort indicator (Dry, OK, Wet).

Alarm Clock Function

The DT6 includes a dual alarm clock feature, allowing you to set separate alarms for weekdays and weekends. A snooze function is also available.

BACK-TASTEN

Einfach zu bedienen



Image: The display illustrating the dual alarm clock feature, with distinct settings for weekdays and weekends, and a visible snooze function icon.

Adjustable Backlight

The display backlight can be adjusted to 4 different brightness levels for optimal visibility in various lighting conditions. Tap the designated button to activate or cycle through brightness settings.

DUALE WECKER

Wochentage

Wochenenden



Image: Four examples of the Raddy DT6 display showing different backlight levels (LV1, LV2, LV3, LV4), with an inset showing the button to activate the backlight.

Control Buttons

The control buttons are located on the back of the main unit for easy operation and setting adjustments.

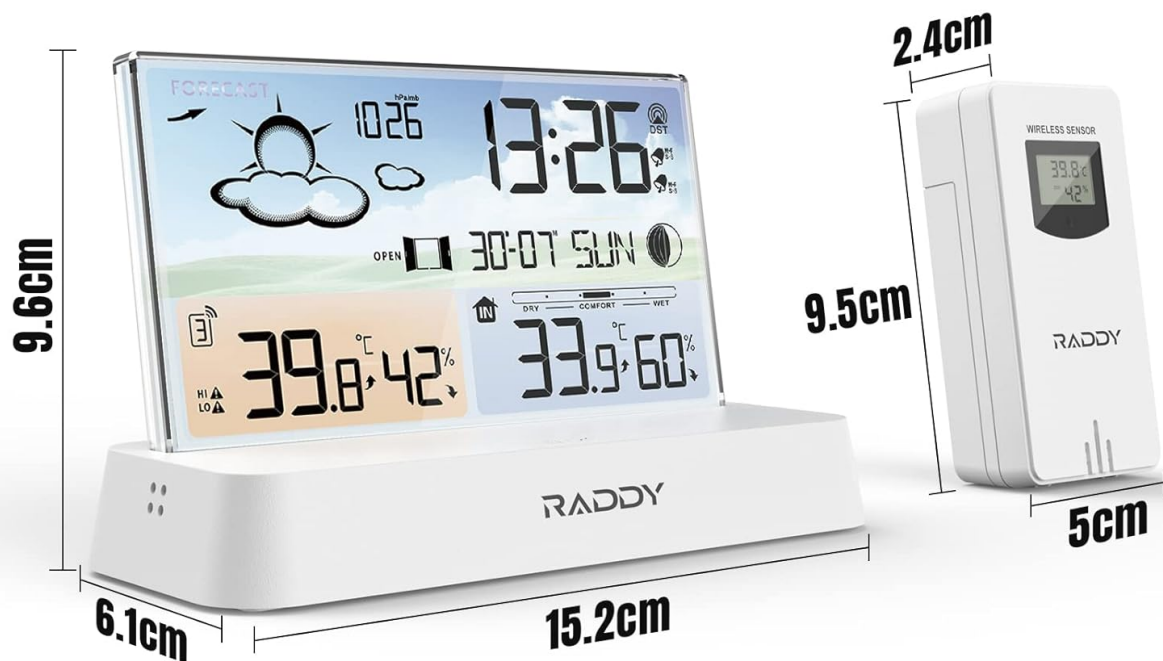


Image: Rear view of the Raddy DT6 main unit, highlighting the easily accessible control buttons.

MAINTENANCE

- **Cleaning:** Wipe the display and unit surfaces with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Battery Replacement:** The outdoor sensor will indicate a low battery warning on the main display. Replace batteries promptly to ensure continuous operation.
- **Storage:** If storing the device for an extended period, remove batteries from the outdoor sensor.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No outdoor temperature/humidity reading	Sensor not paired or out of range; low sensor battery.	Ensure sensor is within 330ft of the main unit. Replace sensor batteries. Press and hold 'CHANNEL' button on main unit to re-synchronize.
Inaccurate readings	Sensor exposed to direct sunlight/rain; unit near heat sources.	Relocate outdoor sensor to a shaded, protected area. Move main unit away from direct heat or cold sources.
Time is incorrect or resets	Poor DCF signal reception; manual setting error.	Ensure the unit is placed away from electronic interference. Manually set the time if DCF signal is consistently weak.
Display is dim or hard to read	Backlight setting is too low; viewing angle.	Adjust the backlight brightness using the dedicated button. Adjust the viewing angle for better clarity.

SPECIFICATIONS

- **Brand:** Raddy
- **Model:** DT6
- **Power Source:** Wired Electric (Main Unit), Batteries (Outdoor Sensor - not included)
- **Connectivity Technology:** Wireless, USB
- **Temperature Accuracy:** $\pm 1^{\circ}\text{C}$
- **Operating Temperature (Upper Limit):** 70°C
- **Display Type:** Digital Color Display
- **Special Features:** Adjustable Brightness, Alarm, Clock, Customizable Alert, Pre-Calibrated, Wireless
- **Components Included:** DT6 Console x 1
- **Main Unit Dimensions:** Approximately 15.2 cm (W) x 9.6 cm (H) x 6.1 cm (D)
- **Sensor Dimensions:** Approximately 5 cm (W) x 9.5 cm (H) x 2.4 cm (D)