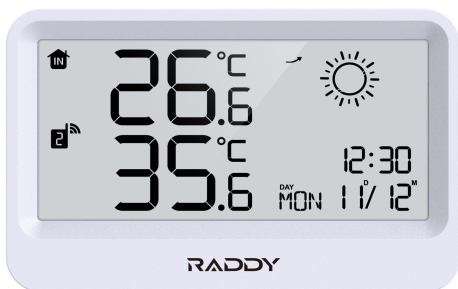


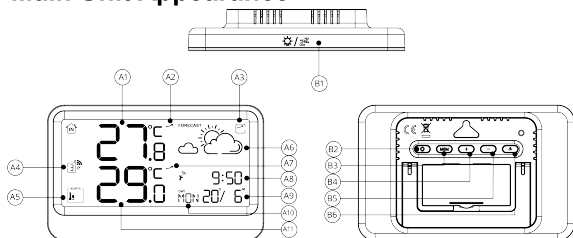
Raddy WF-60 User Manual



Features:

- ▶ Time Format: 12/24-hour
- ▶ Perpetual Calendar: January 1, 2000, to December 31, 2099
- ▶ Multi-Language Week Display: 7 selectable languages
- ▶ Daily Alarm: Includes a customizable snooze function (OFF or 5–60 min)
- ▶ Outdoor temperature frost point alarm function
- ▶ Outdoor temperature upper and lower limit alarm function
- ▶ Low battery indicate
- ▶ Temperature:
 - Indoor temperature measurement ranges: -9.9°C (14.2°F) ~ 50°C (122°F)
 - Outdoor temperature measurement ranges: -40°C (-40°F) ~ 70°C (158°F)
 - Units selectable in °C or °F
 - Indoor/ Outdoor temperature trend
 - Detection period: 30S
- ▶ Memory: Records maximum and minimum temperature values
- ▶ Weather Forecasting: Barometric-based forecasting and trend display
- ▶ Backlight: 10S
- ▶ Power Supply: 2 x LR03 AAA batteries (Main Unit)

Main Unit Appearance



Part A- LCD Display

- A1: Indoor Temperature
- A2: Indoor Temperature Trend
- A3: Barometric Pressure Trend
- A4: RF Receiving Channel
- A5: Outdoor Temperature Alarm
- A6: Weather Forecasting
- A7: Outdoor Temperature Trend
- A8: Time
- A9: Date
- A10: Day of the Week
- A11: Outdoor Temperature

Part B – Back Buttons and Power

- B1: "SNOOZE/LIGHT" Button
- B2: "SET" Button
- B3: "MEM" Button
- B4: "+" Button
- B5: "-" Button
- B6: "!" Button

Initial Operation:

- ▶ Open the battery compartment cover on the back of the station.
- ▶ Insert 2 x AAA batteries, observing the correct polarity (+ and -).
- ▶ The LCD will light up for 3 seconds and beep. The station will then begin detecting the indoor temperature.

Manual Time Setting:

- ▶ Press and hold the **"SET"** button for 2 seconds, the temperature unit starts to flash. Now use **"+"** and **"-"** buttons to set the temperature unit in °C or °F you need.
- ▶ Press **"SET"** button to confirm your setting, Weather forecasting start to flash. Now use **"+"** and **"-"** buttons to set the Weather forecasting mode you need.
- ▶ Press **"SET"** to confirm your setting, the Time zones start to flash, Now use **"+"** and **"-"** buttons set a correct time zone (-12 to +12).
- ▶ Press **"SET"** button to confirm your setting, the 12/24HR start to flash. Now use **"+"** and **"-"** buttons to set the 12/24 hour mode you need.
- ▶ Press **"SET"** to confirm your setting, the Hour display starts to flash. Now use **"+"** and **"-"** buttons to set the correct hour.
- ▶ Press **"SET"** to confirm your setting, the Minute display starts to flash. Now use **"+"** and **"-"** buttons to set the correct minute.
- ▶ Press **"SET"** to confirm your setting, the Language of the week display starts to flash. Now use **"+"** and **"-"** buttons to set the correct Language of the week.
- ▶ Press **"SET"** to confirm your setting, the Year display

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starts to flash. Now use “+” and “-” buttons to set the correct Year.

▶ Press “SET” to confirm your setting, the Mouth display starts to flash. Now use “+” and “-” buttons to set the correct Mouth.

▶ Press “SET” to confirm your setting, the Day display starts to flash. Now use “+” and “-” buttons to set the correct Day.

▶ Press “SET” to confirm your setting, the Date format display starts to flash. Now use “+” and “-” buttons to set the correct Date format.

▶ Press “SET” to confirm your setting and to end the setting procedures, Then it will return to the normal mode.

Note:

▶ If no buttons are pressed for 20 seconds, the device will automatically save settings and return to normal mode.

▶ Week language display

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
ENGLISH Anglais	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
ANG	MON	TUE	WED	THU	FRI	SAT	SUN
GERMAN Allemand	MONTAG	DIENSTAG	MITTWOCH	DONNERSTAG	FREITAG	SAMSTAG	SONNTAG
ALL	MON	DIE	MIT	DON	FRE	SAM	SON
FRENCH Français	LUNDI	MARDI	MERCREDI	JEUDI	VENDREDI	SAMEDI	DIMANCHE
FRA	LUN	MAR	MER	JEU	VEN	SAM	DIM
ITALIAN Italien	LUNEDI	MARTEDI	MERCOLEDI	GIOVEDI	VENERDI	SABATO	DOMENICA
ITA	LUN	MAR	MER	GIO	VEN	SAB	DOM
SPANISH Espagnol	LUNES	MARTES	MIERCOLES	JUEVES	VIERNES	SABADO	DOMINGO
ESP	LUN	MAR	MIE	JUE	VIE	SAB	DOM
DUTCH Néerlandais	MAANDAG	DINSDAG	WOENSDAG	DONDERDAG	VRIJDAG	ZATERDAG	ZONDAG

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NEE	MAA	DIN	WOE	DON	VRI	ZAT	ZON
DANISH Danois	MANDAG	TIRSDAG	ONSDAG	TORSDAG	FREDAG	LØRDAG	SØNDAG
DAN	MAN	TIR	ONS	TOR	FRE	LOR	SON

Setting the Daily Alarms:

▶ Press once “+” button, LCD display the “” icon, the alarm function is ON, Then press again “+” button, the “” icon will disappears from the display, the alarm function is OFF.

▶ Press once “**SET**” button, LCD display alarm time, then Press and hold “**SET**” button for 2 seconds until hour of the Alarm time starts to flash. Use the “+” and “-” buttons to set the required hour.

▶ Press “**SET**” button to confirm your setting, The Minute of the Alarm time starts to flash. Use the “+” and “-” buttons to set the required minute.

▶ Press “**SET**” button to confirm your setting, the snooze time of the Alarm starts to flash. Use the “+” and “-” buttons to set the minute of snooze you need.

▶ Press “**SET**” button to confirm your setting and to end the setting procedure.

F.Y.I.:

▶ If there is no valid operation within 20 seconds, it will automatically return to normal time mode from the alarm time set mode.

▶ The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case, the alarm will be repeated automatically after 24 hours.

▶ Rising alarm sound (crescendo, duration: 2 minutes)

changes the volume 4 times whilst the alarm signal is heard.

Switching Off the Alarm Signal

▶ When the alarm is ringing, press any button except the **“SNOOZE/LIGHT”** button to stop the alarm signal. It is not necessary to reactivate the alarm. It will ring again this time next day.

Snooze Function

▶ When the alarm is ringing, touch the **“SNOOZE/LIGHT”** button to activate Snooze mode. The alarm will sound again after the preset snooze interval.

RF Transmission Procedure:

- ▶ The weather station automatically starts receiving signals from the outdoor sensor after the batteries are inserted.
- ▶ The outdoor sensor will automatically transmit temperature and humidity data to the weather station once the batteries are installed.
- ▶ If the weather station fails to receive signals from the outdoor sensor (“--.” is displayed on the LCD), press and hold the “-” button for 3 seconds to start manual pairing. The RF icon “” will flash on the LCD, indicating that the weather station is searching for the remote sensor.

Query Maximum/Minimum Numerical Value

▶ When the indoor and outdoor temperatures are displayed on the LCD, the weather station automatically starts recording the maximum and minimum temperature and

humidity values.

▶ Press the **"MEM"** button once to display the maximum temperature value. Press the **"MEM"** button again while the maximum value is displayed to view the minimum temperature value.

▶ **"MAX"** or **"MIN"** will appear on the LCD accordingly.

▶ To reset the maximum and minimum temperature records, press and hold the **"MEM"** button for 3 seconds.

F.Y.I.:

▶ If the temperature reading is below the measurable range, **"LL.L"** will be displayed. If the temperature reading exceeds the measurable range, **"HH.H"** will be displayed..

Backlight

▶ Press the **"SNOOZE/LIGHT"** button to turn on the backlight. And the backlight will illuminate for 10 seconds

Displaying Temperature

▶ Indoor temperature detection range: **-9.9°C to +50°C** (**14.1°F to 122°F**), display resolution: **0.1°C / 0.1°F**.

▶ If the indoor temperature is below **-9.9°C (14.1°F)**, **"LL.L"** will be displayed. If the indoor temperature exceeds **+50°C (122°F)**, **"HH.H"** will be displayed.

▶ Outdoor temperature detection range: **-40°C to +70°C** (**-40°F to +158°F**), display resolution: **0.1°C / 0.1°F**.

▶ If the indoor temperature is below **-40 °C (-40 °F)**, **"LL.L"** will be displayed. If the indoor temperature exceeds **+70 °C (+158 °F)**, **"HH.H"** will be displayed.

▶ When the cumulative temperature increase exceeds **1°C (1.8°F)**, the rising trend icon will be displayed  .

▶ When the cumulative temperature change (rise or fall) within one hour does not exceed 1°C (1.8°F), the stable trend icon will be displayed. “”

▶ When the cumulative temperature decrease exceeds 1°C (1.8°F), the falling trend icon will be displayed “”

▶ The temperature detection interval is 30 seconds. In RF or ALARM mode, temperature detection is temporarily suspended.

▶ When the outdoor sensor temperature is between -1°C (30.2°F) and $+2.9^{\circ}\text{C}$ (37.3°F), the frost alarm will be activated and the frost alert icon will flash on the LCD

 “ice”.

Outdoor Temperature Upper/Lower Limit Alarm

▶ In standard mode, press the **【 ! 】** key to enable or disable the outdoor temperature upper/lower limit alarm. When the alarm is activated, the temperature alarm bar icon will appear in the OUTDOOR temperature display area, as shown in the figure below.



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▶ The default upper temperature limit is +60°C (140°F). The default lower temperature limit is -20°C (- 4°F).

▶ In standard mode, press and hold the 【 ! 】 key for more than 2 seconds to enter the outdoor temperature upper/lower limit setting mode. The setting interface is shown in the figure below..



▶ In the temperature limit setting mode, short-press the 【 ! 】 to switch between settings in the following order:

Upper temperature limit → Lower temperature limit → Exit

▶ Upper temperature limit: Adjustable from - 19°C (- 2.2°F) to +60°C (140°F)

Lower temperature limit: Adjustable from - 20°C (- 4°F) to +59°C (138.2°F)

▶ In the temperature limit setting mode, press the[+] or [-] button to adjust the value.

Short press: increases or decreases the value by 1 unit

Press and hold for more than 2 seconds: the value will change rapidly, adjusting by 1 unit every 0.125 seconds

▶ In standard mode, press the [-] button to switch the outdoor temperature channel. Each channel has its own independent temperature alarm settings. After selecting a channel, press and hold the 【 ! 】 button for more than 2 seconds to enter the alarm limit setting mode.

During the setting process, the outdoor channel cannot be changed.

- ▶ If no button is pressed for 20 seconds in the temperature limit setting mode, the system will automatically save the settings and return to Standard Mode.
- ▶ When the outdoor temperature exceeds the preset upper or lower limit and the alarm function is enabled, the main unit will emit an audible alarm for 5 seconds. The alarm pattern is three "BI-BI-BI" beeps per second
- ▶ At the same time, The temperature alarm symbol "", the corresponding upper limit symbol " " or lower limit symbol " ", and the real-time temperature value of OUTDOOR flash and display. After the 5-second beep ends, the flashing display will continue.
- ▶ Each time the outdoor temperature is updated, if the temperature still exceeds the preset range, the alarm will be triggered again.
- ▶ The alarm will stop automatically only when:
The temperature alarm function is turned off, or
The detected temperature returns to within the preset range..

Weather Forecasting Function

- ▶ Please use the weather forecast provided by your weather station as a reference only. For important decisions, always refer to your local official weather forecasting service. If there is any discrepancy between the information from this device and your local weather service, the latter should be considered authoritative..
- ▶ The weather station uses a barometric (pneumatic) pressure module to generate weather forecasts.
- ▶ When the air pressure changes, it causes the weather to

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turn into rainy days, and when the outdoor temperature of CH1 is below -4°C (24.8°F), rainy days turn into snowy days.

(The outdoor temperature defaults to CH1. If CH1 has no signal, it defaults to CH2. If CH2 also has no signal, it defaults to CH3.)

- ▶ The weather forecast is updated once every hour.
- ▶ When the cumulative upward air pressure rise exceeds 1 hPa, the symbol of the air pressure trend is displayed “↗”
- ▶ When the cumulative value of air pressure rise or fall within 1 hour of continuous air pressure rise does not exceed 1 hPa, the symbol of the degree trend displays “↔”
- ▶ When the cumulative air pressure drop exceeds 1 hPa, the symbol of the air pressure trend displays “↘”
- ▶ The weather station displays the following weather symbols:

SUNY			
SLIGHTLY CLOUDY			
CLOUDY			
RAINSTORM			
LIGHT RAIN			
SNOW			

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