

Weathereye Electronic Weather Station

Operation Instruction

I .Power-On or Reset

- When Power-On or reset, LCD fully displays for 3 seconds → enters the normal state after a "Beep".
- The default values are as below:
 Calendar 0:00 January 1, 2004.
 Alarm 0:00.
 Weather icon sunny intervals.
 Temperature scales Celsius degree °C.
 Time system 24Hr.

II .Instruction of Keys Operation

2.1 Key functions

Six functional keys: Set, Alarm, Up, Down, Snooze, Max/ Min

Function		Set	Alarm	Up	Down	Snooze	Max./ Min.
standard mode	Click	-----	Alarm on/off	12hr/24hr switchable	°C/°F switchable	Enter snooze state	Display max./min.
	Hold	Enter into clock setting	Enter alarm setting	-----	-----	-----	Clear max./min.
Time set	Click	Confirm the setting	-----	One step forward	One step backward	-----	-----
	Hold	-----	-----	8steps/second forward	8steps/second backward	-----	-----
Alarm set	Click	-----	Confirm the setting	One step forward	One step backward	-----	-----
	Hold	-----	-----	8steps/second forward	8steps/second backward	-----	-----
Temp set	Click	-----	-----	One step forward	One step backward	-----	-----
	Hold	-----	-----	8steps/second forward	8steps/second backward	-----	-----

2.2 Normal states

- Hold "Set" for 2 seconds to enter time setting.
- Click "Alarm" to switch the alarm on/off.
- Hold "Alarm Set" for 2 seconds to enter Alarm setting.
- Click "Up" to switch between 12hr/24hr.
- Press "Down" to switch between °C/°F.
- When ALARM rings, click "snooze" to enter the snooze state, repeating every 5 minutes.
- Press "max/min" to check the max./min. temperature/humidity.
- Hold "max/min" key for 2 seconds to clear out the record of temperature/humidity.

2.3 Time set

- Hold "Set" key for 2 seconds to enter time setting.
- The sequence of time setting: Year(2000-2050) → Month → Date → Language → Hour → Minute → Time zone → Exit.
- During setting, the items being set will flash in the frequency of 1 Hz.
- Press "Set" to confirm the setting, and enter the next setting state.
- Press "Up" one time, the setting will go ahead for one step; hold the key for 2 seconds, it will run forward by 8 steps/second.
- Press "Down" one time, the setting will go backward for one step; hold for 2 seconds, it will run back by 8 steps/second.
- During setting, the moon phase will change accordingly.
- The system will exit automatically if no key is operated in 8 seconds.

2.4 Alarm set

- Hold "Alarm" key for 2 second to enter into alarm setting.
- The sequence of alarm setting: Hour → Minute → exit.
- During setting, the items being set will flash in the frequency of 1 Hz.
- Press "Alarm" to confirm the setting, and enter the next setting state.
- Press "Up" one time, the setting will go ahead for one step; hold the keys for 2 seconds, it will run forward by 8 steps/seconds.
- Press "Down" one time, the setting will go backward for one step; hold for 2 seconds, it will run back by 8 steps/second.
- The system will exit automatically if no key is operated in 8 seconds.

III. Function and Effect

3.1 RCC receiving function:

- How to enter RCC receiving status:
 - The unit will enter RCC receiving state automatically 3 minutes after powering ON or resetting.
 - The unit enters RCC receiving automatically at 2:00, 3:00, 4:00, and 5:00 everyday.
 - Press "Down" or "UP" key for 2 seconds to enter RCC receiving status manually.
- RCC receiving time is 7 minutes.
- Icons displayed whilst receiving:
 - When the unit enters RCC receiving status, the tower-shaped part of RCC symbol on the LCD will flash in the frequency of 1 Hz.
 - When the unit is receiving the signal, the tower-shaped part of RCC symbol will be still, while the (RCC) symbol will flash in the frequency of 1 Hz.
 - When the signal is too weak to be received, the tower shape of RCC will flash in the frequency of 1 Hz, while the (RCC) symbol will not display.
- When the unit receives the signal successfully, the whole RCC icon will be ON, and exit the receiving status.
- When the unit is receiving signals, press "Down" or "UP" key will exit RCC receiving status, pressing any other key will have no effect.
- During daily auto receiving, if the unit receives a signal once, it will not enter the receiving status automatically until 2:00 next day.
- If the unit fails to receive the signals 4 times in a day, it will receive the signal at 2:00 next day.
- During receiving RCC, if the alarm rings, the unit will exit RCC receiving status first and change into alarm ringing status, and will enter the RCC receiving again after the ring stops.
- When DST is able and is receiving the signal, it will display the symbol of sun on the LCD, showing that it enters the DST system, and the time will be 1 hour faster.
- When the RCC symbols display fully, the relative RCC icon will be OFF if the present time is changed.

3.2 Alarm Function:

- The BUZZER will ring for 2 seconds as below:
 - 0 – 10 sec.: one "beep" per second
 - 10 – 20 sec.: two "beep" per second
 - 20 – 30 sec.: four "beep" per second
 - After 30 sec.: "beep" continuously
- When ringing, click "Snooze" key once to enter snooze state, and repeat every 5 minutes, exit when the other key is clicked.
- Under snooze state, it will start ringing again if another alarm time is due.

3.3 The Function of Temperature and Humidity

- The indoor temperature range: 0°C -- +50°C (32° F -- +122° F)
- The indoor humidity range: 20%-90%
- Sampling period: 12 seconds.
- The resolution of temperature: ± 0.1°C
- The resolution of Humidity: ±1%

3.4 The Function of Weather forecast

There are 4 weather icons: sunny → sunny intervals → cloudy → rainy

B01838