

WS-01

Weather Station

1. Features

- Time display with 12-hour and 24-hour display format
- Calendar from 2000 to 2099 (Default 2005)
- Temperature display with Celsius and Fahrenheit exchange
- **Temperature range**
 - Indoor : -50°C to 70°C (-58°F to 158°F)
 - Outdoor: -50°C to 60°C (-58°F to 140°F)
- Humidity range: -20% to 90% R.H.
- Alarm with 5 minutes snooze
- Key tone
- Blue led backlight

2. Operations

- There are four buttons as below:

Photo 1

[MODE], [SET], [ADJ], [SNZ/LIGHT].

- When the IC is reset, the LCD will light up for 1 second and beep sound is generated. After that, the IC enter normao time display with indoor temp and humidity display. Pressing [MODE] will have the following modes sequences:

Time→Alarm→Date→Lo Alarm→Hi Alarm→In/Out setting→Time

Photo 2

- Time setting mode
 - a. Press [SET] for 2 seconds will enter time setting mode when the IC is time mode
 - b. Press [ADJ] to toggle the time display format .
 - c. Press [SET] will shift the setting digit to minute-hour, Press [ADJ] to increase .

Note:

- a. When Press [ADJ] for 2 seconds will advance the setting digits in 8HZ rate
- b. If [MODE] is pressed during the setting, it will exit the setting mode.
- c. If there is no key pressed for 10 seconds the IC have an auto-exit function.

Photo 3

- Alarm setting mode
 - a. Press [SET] for 2 seconds in alarm mode will enter the alarm setting mode
 - b. Press [ADJ] will have the following sequence of alarm states:
All off→Alarm on→Chime on→All on→All off
 - c. By combination of pressing [SET] and [ADJ] will set the alarm minutes and Hour value if the alarm is on.

Photo 4

Note:

- a. When Press [ADJ] for 2 seconds will advance the setting digits in 8HZ rate
- b. If [MODE] is pressed during the setting, it will exit the setting mode.
- c. If there is no key pressed for 10 seconds the IC have an auto-exit function.

- Date setting mode

- a. Press [SET] for 2 seconds in Date Mode will enter Date Setting Mode.
- b. By combination of pressing [SET] and [ADJ] will set the data in the following sequences:
Year set→Month set→Date set→Date display mode

Photo 5

- Lo Alarm setting mode

Press [SET] for 2 seconds in Lo Alarm Mode will enter the setting for this mode.

The setting sequence is as follows:

Lo Temp on/off →Lo Temp value →Lo Humid on/off →Lo humid value →Lo Alarm Mode

Photo 6

- Hi Alarm setting mode

Press [SET] for 2 seconds in Hi Alarm Mode will enter the setting for this mode.

The setting sequence is as follows:

HI Temp on/off →HI Temp value →Hi Humid on/off →Hi humid value →Hi Alarm Mode

Photo 6

- Select the display for indoor or outdoor temperature

Press [MODE] for 5 times in Time Display Mode will enter this mode. Press [ADJ] will toggle The IN and OUT icon. Press [MODE] or simply wait for 10 seconds to exit this mode.

- Note:

- a. 2 AAA batteries Operating.
- b. The IC will return to Time Display Mode when there is no any key pressed for More than 10 seconds.