BST-HYG3 Operation Manual DIGITAL THERMO-HYGRO METER

1. Specification:

Temperature Range: indoor $-10^{\circ}\text{C} \sim +50^{\circ}\text{C} \ \ (+14^{\circ}\text{F} \sim +122^{\circ}\text{F})$

outdoor $-50^{\circ}\text{C} \sim +90^{\circ}\text{C} \quad (-58^{\circ}\text{F} \sim +194^{\circ}\text{F})$

Indoor Humidity Range: 20%RH~90%RH

(When the humidity < 20%RH, display 10%RH directly.)

Power-supply: 1.5V (AAA size) x 1

2. Characteristics:

- simultaneous display of indoor temperature, outdoor temperature, indoor humidity
- alert for outdoor high temperature and low temperature
- changeable temperature unit: \mathbb{C}/\mathbb{F}
- Memorized MAX/MIN value of indoor and outdoor temperature displayed (flashing on LCD)
- Display of comfort degree
 - \odot appears @ indoor Temperature: 18°C \sim 25°C (64°F \sim 77°F) & Indoor Humidity:

 $40\%RH\sim65\%RH$

- appears @ other indoor Temperature & Indoor Humidity
- 3. Operation:
- 3-1. Open battery compartment cover, take out the polarity insulator, put on the cover, then the meter starts to work.
- 3-2. BUTTON function:

[OUT MAX/MIN] press to display memorized MAX and MIN values of outdoor temperature [IN MAX/MIN] press to display memorized MAX and MIN values of indoor temperature [ALERT] press to set or exchange alert of outdoor high temperature and low temperature [UP/+] increase the value of what is under setting; switch ON/OFF temperature alert function [DOWN/-] decrease the value of what is under setting

 $[^{\circ}C/^{\circ}F]$ change temperature unit between Celsius ($^{\circ}C$) and Fahrenheit ($^{\circ}F$)

3-3. Outdoor Temperature Alert setting:

Press ALERT button one time to enter outdoor high temperature (\odot) alert setting, press [UP/+] button to switch ON/OFF alert function (Pappears when the alert function is switched ON), press ALERT button for 2 seconds to enter high temperature alert value setting, press [UP/+]/[DOWN/-] button to set high temperature alert value (max 90°C). press ALERT button one time again to enter outdoor low temperature (\odot) alert setting, press [UP/+] button to switch ON/OFF alert function (Pappears when the alert function is switched ON), press ALERT button for 2 seconds to enter low temperature alert value setting, press [UP/+]/[DOWN/-] button to set low temperature alert value (min -50°C). Press ALERT button one time again to return to normal outdoor temperature display.

[1] When outdoor temperature surpasses the HIGH TEMPERATURE ALERT value, the ALERT buzzer will sound for about 15 seconds, at the same time, the symbol \heartsuit , \diamondsuit , and present outdoor temperature value flash, during 15-second alert, press any button to stop alert buzzer sound and flash.

- [2] When outdoor temperature is lower than the LOW TEMPERATURE ALERT value, the ALERT buzzer will sound for about 15 seconds, at the same time, the symbol **②**, **③**, and present outdoor temperature value flash, during 15-second alert, press any button to stop alert buzzer sound and flash.
- [3] In case outdoor temperature is continuously higher than the HIGH TEMPERATURE ALERT value, the buzzer sounds to remind at full hour point, until the outdoor temperature goes below the HIGH TEMPERATURE ALERT value.
- [4] In case outdoor temperature is continuously lower than the LOW TEMPERATURE ALERT value, the buzzer sounds to remind at full hour point, until the outdoor temperature goes above the LOW TEMPERATURE ALERT value.
- [5] During the setting and after no BUTTON pressing for 15 seconds, the meter returns to normal outdoor temperature display, while the set value is stored.
- 3-4.Press IN MAX.MIN button one time to show memorized MAXIMUM indoor temperature, the MAXIMUM indoor temperature value flashes.
 - Press IN MAX.MIN button one time again to show MINIMUM indoor temperature, the MINIMUM indoor temperature value flashes.
 - Press IN MX.MIN button one time again to return to normal indoor temperature display.
- 3-5.Press OUT MAX.MIN button one time to show memorized MAXIMUM outdoor temperature, the MAXIMUM outdoor temperature value flashes.
 - Press OUT MAX.MIN button one time again to show MINIMUM outdoor temperature, the MINIMUM outdoor temperature value flashes.
 - Press OUT MX.MIN button one time again to return to normal outdoor temperature display.

4. Attention:

- 4-1.In case any abnormal display occurs, please take out the power-supply battery and put back the battery after 2 seconds, then the meter returns to normal display.
- 4-2. Please put away the replaced battery at the place appointed by Government.
- 4-3. We will not inform separately in case of any changes made to this meter.