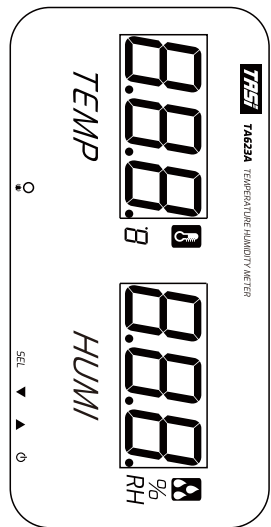




TA623A / B

TEMPERATURE HUMIDITY METER

Instruction manual

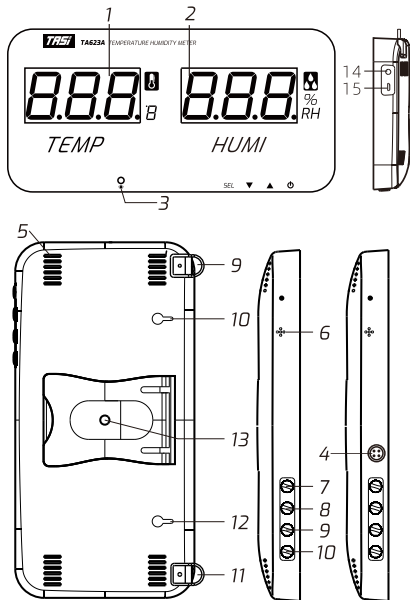


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Pack #:PB01-Q207

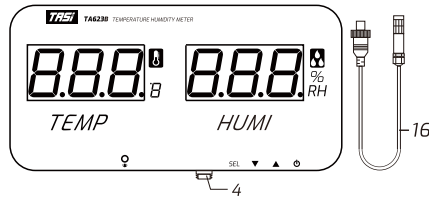
Thank you very much for your patronage and choosing our products. Before you use this product please read this manual carefully as it will familiarize you with the correct operating procedure of our TASI product.

Notice: Before using this instrument, please read this manual carefully.

Panel Instruction



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1. Temperature window;
2. Humidity window;
3. Alarm indicator;
4. Probe jack(only TA623B);
5. Built-in probe(only TA623A);
6. Built in alarm sound release port;
7. SEL button;
8. ▼ : Decrease / Temperature unit switching;
9. ▲ : Increase;
10. ⏻ :Power button;
11. Hanging hook: (standard accessories, installed according to needs) center spacing 280mm;
12. Wall hook hole: center spacing 184mm;
13. 1/4 "inch copper nut, the user can fix the device on the tripod through the copper nut;
14. Alarm output port, used for external horn, the horn needs to be purchased separately. It is recommended to use 5-12v alarm horn with 3.5mm headphone plugs;
15. USB power interface 5V/1A;
16. External probe test lead (5m, only TA623B).

Specification

Model		TA623A	TA623B
Measurement Method		Built-in probe	External sensor (line length 5m)
Temperature	Range	-20°C ~ 80°C / -4°F ~ 176°F	
	Accuracy	±1.0°C / ±2°F	
	Resolution	0.1°C; <100°F: 0.1°F, ≥100°F: 1°F	
Relative Humidity	Range	0 ~ 100%RH	
	Accuracy	±4%RH	
	Resolution	<100%RH: 0.1; ≥100%RH: 1	
Temperature Alarm Setting	Hi	-19°C ~ 60°C / -2°F~140°F	
	Low	-20°C ~ 59°C / -4°F ~ 139°F	
Humidity Alarm Setting	Hi	2 ~ 99%RH	
	Low	1 ~ 98%RH	
Alarm Time Setting Range		6s ~ 120s, Default 6s	
Display		LED digital tube, single character 1.8" inches	
Sensor		High precision digital sensor	
Sampling Rate		2 times/s	
°C / °F Switching		✓	
Over Range Display		Hi / Lo	
Upper / Lower Alarm		✓	
Alarm Mode		Buzzer / Screen flashes	
Alarm Tone		✓	
Alarm Output		3.5mm port, DC 5 to 12V	
Fixed Mode		Support / Wall hanging / Hanging / 1/4 "Copper nut	
Working Environment		-20 ~ 80°C, max 80%RH, indoor altitude<2000m	
Storage Environment		-10 ~ 50°C, max 70%RH	
Power		Type-C port, DC 5V / 1A	
Product Size		323 x 173 x 40mm	
Product Weight		Approx.700g	Approx.730g

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Button Function Description

- **SEL**: Alarm switch , long press to enter the alarm setting mode;
- **▲** : Short press to increase the setting value and long press to adjust continuously;
- **⏻** :Power button, tap to turn on the device, long press to turn off;
- **▼** : Short press to decrease the setting value, and long press to adjust continuously; Short press to switch between Celsius and Fahrenheit unit under normal measurement mode;
- System parameters setting:
 1. Long press SEL to enter the upper and lower limit alarm value setting;
 2. Press **▲**/**▼** to adjust the current setting value;
 3. Short press SEL to save the current setting and enter the next setting options;
 4. Long press SEL to exit the setting mode.

Measurement Method

- Press **⏻** to turn on the meter, long press to turn off.
- Auto power on function:The product will automatically turn on when it is connected with power, it needs to be turned on manually after manual shutdown;
- It will enter the normal measurement mode after the device turned on for 2s, the screen will display the temperature and humidity values.

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Reset Device

- Long press **▲**/**▼** over 2s to reset the device under power on mode, it means reset successfully after the screen demonstrate RST for 2s, and the data will be restored to the factory settings.

Alarm Function Description

Alarm switch

- Alarm function is turned on by default . Press SEL to turn off the alarm function, and the red indicator light goes out; press the SEL again to turn on the alarm function, and the red indicator light is on; the factory default alarm function is turned on.

Note: The alarm will be saved to avoid lost after power-off.

Alarm value setting

- Default alarm value : 0 °C, Hi :60 °C; humidity Lo: 15% RH, Humidity Hi : 85% RH, it's adjustable for the user.

Detail operation procedures

- Under the normal measurement mode, long press SEL to enter the alarm setting, the temperature window will flash Hi once and demonstrate the current temperature Hi alarm value;
- Adjust the alarm value through **▲**/**▼** , and long press **▲**/**▼** to adjust;
- Short press SEL to save the alarm value and enter the next item;

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- The temperature window will flash Lo once and demonstrate current temperature Lo alarm value;
- Adjust the alarm value through ▲ / ▼, and long press ▲ / ▼ to adjust ;
- Short press SEL to save the alarm value and enter the next item;
- The humidity window flash Hi once and demonstrate the current humidity Hi alarm value;
- Adjust the alarm value by ▲ / ▼ , and press▲/ ▼ to adjust;
- Short press SEL key to save the alarm value and enter the next item;
- The humidity window will flash Lo once and demonstrate the current humidity Lo alarm value;
- Adjust the alarm value by▲/▼ , and press▲/▼ to adjust;
- Short press SEL to save the alarm value and enter the next item;
- The temperature window displays SEC, and the humidity window shows the current alarm duration time in seconds;
- Press ▲/▼ to adjust the alarm duration time, long press the ▲/▼ to adjust;
- Short press SEL to save the setting value, and enter into normal temperature and humidity window.

Alarm function (sound + display)

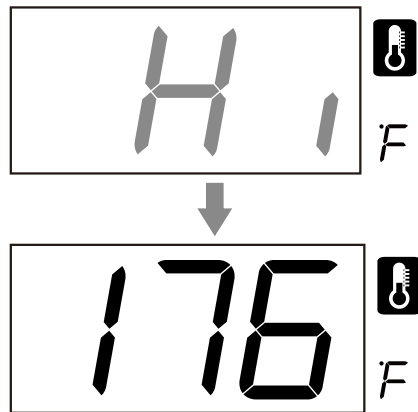
- The device will emit alarm sound like "di di di di" when measurement value over limit, and it will flash Lo or Hi, and then flash to display the measured value. The alarm duration time is 6s, it will stop alarm after 6s or press SEL directly, after the screen flashed for 3s, the instrument returns to normal measurement.

Remark:

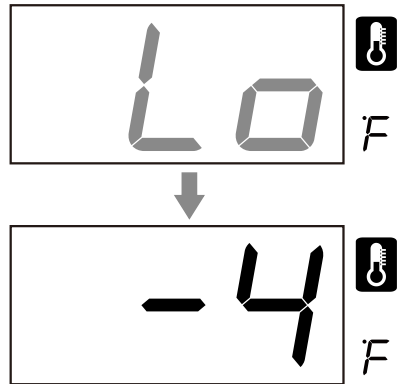
The device will alarm again if the first measured data still exceeds the alarm value after the device resumes normal measurement.

Upper and Lower Limit Setting

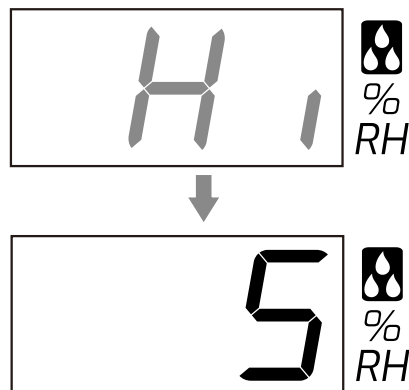
Temperature Hi value



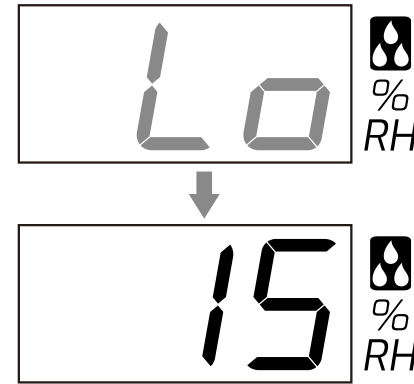
Temperature Lo value



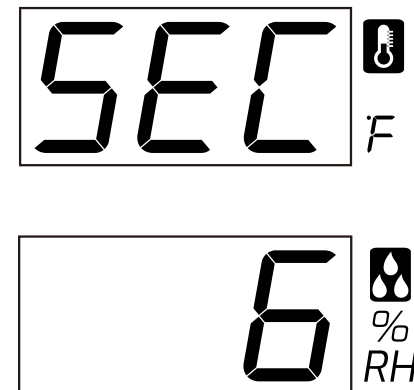
Humidity Hi value



Humidity Lo value



Alarm duration time



Maintenance

- Do not measure for a long time under high temperature and high humidity environment;
- Regular calibrated is needed to maintain the accuracy of the device;
- Please remove the battery if not used for a long time;
- If your device does not work properly, and the repair requirements was confirmed by the manufacturer or dealer. The user should provide a text failure description and packing list , and the packaging should be well cushioned and protected.

TASI



Product: TEMPERATURE HUMIDITY METER
Model: TA623A/B
Date: 14/11/2024

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