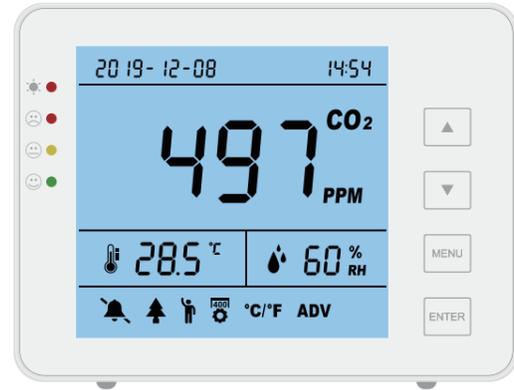


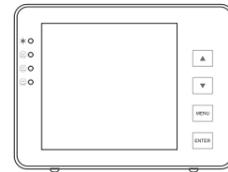
CO2 MONITOR - CO-20-Pro

Instruction Manual



Packing List

1. CO2 Monitor Unit



2. USB Cable for Power



3. User's Manual



Warning

- The provided USB cable can be ONLY used as power supply for this device.
- Do NOT disassemble this device or change internal wiring.
- Do not store or use this product in high temperature, high humidity, flammable, explosive and strong electromagnetic environment.
- Do NOT run restore factory defaults too often, or it will cause program damage.
- Keep this device away from your face, or the exhaled carbon dioxide will affect its accuracy.

Getting Started

Thanks for purchasing SA1300P air quality monitor (CO2/TEMP/RH). This product is applied to display CO2 concentration, temperature and humidity for indoor air quality monitoring.

Features at a Glance

- HD Large Display
- Wall mounted and Desktop
- Touch Button Operation
- 15°Bevel Design, Easy to Read
- Low Drift NDIR Sensor, Long Lifespan
- Audible and Visual Alarm
- Temperature, Humidity and CO2 Monitor, Date and Time Display
- Auto-calibration and Manual Calibration

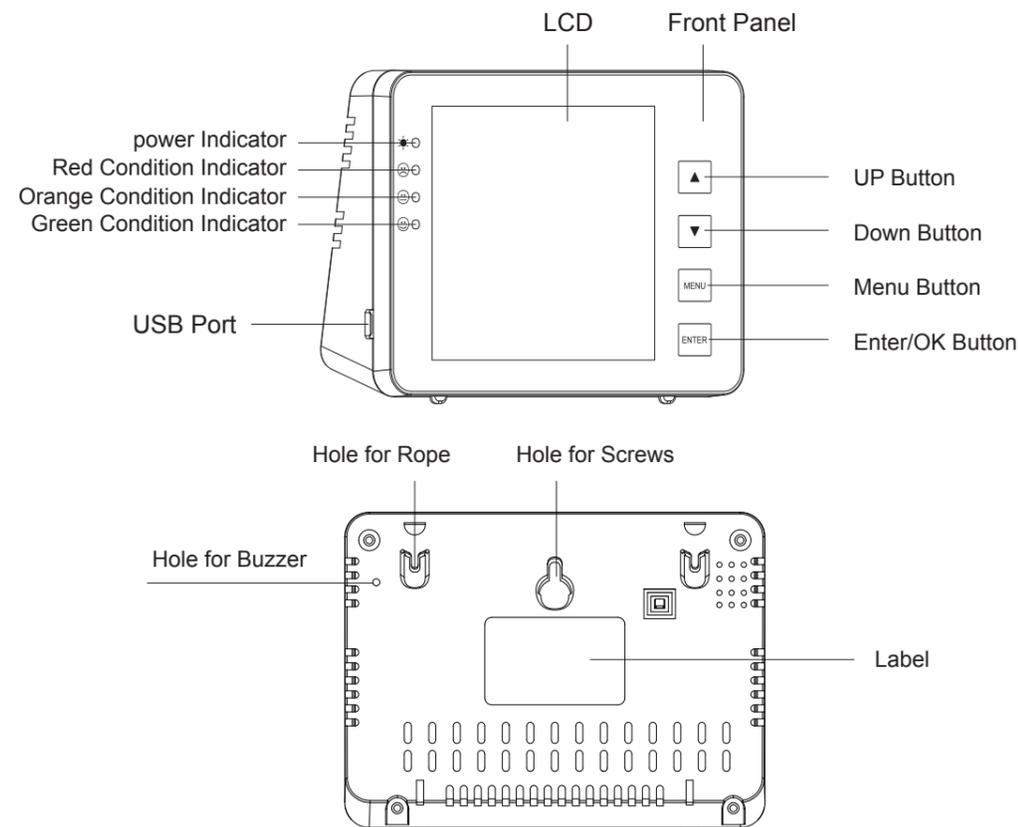
Restore Factory Defaults

In Detection Panel (See Pic.1 in Page 2), hold **ENTER** for 3 seconds until an audible beep is heard.

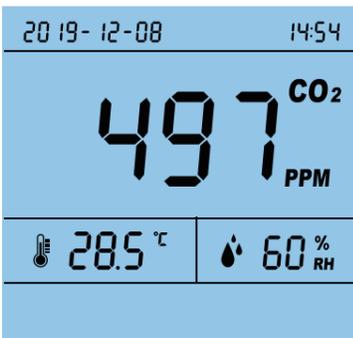
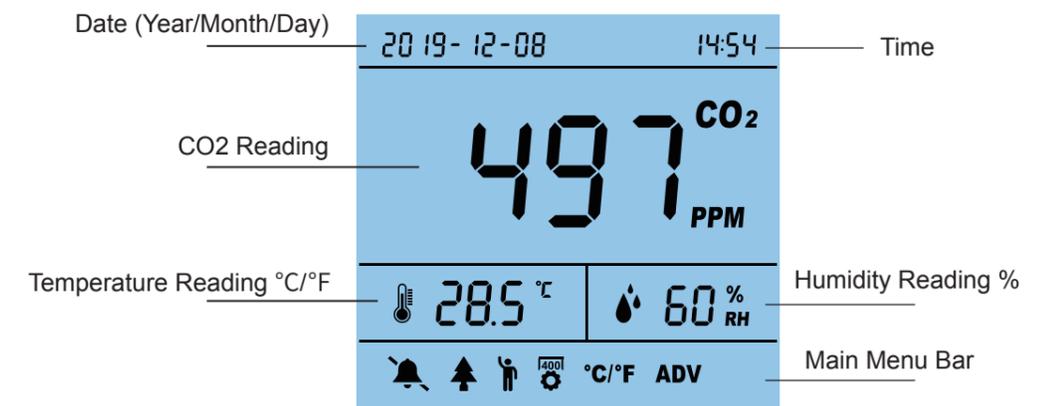
CE RoHS 2.0 REACH CO2/TEMP/RH

Overview

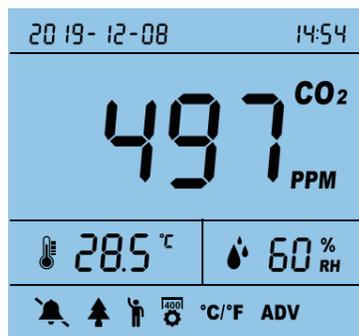
Drawing Sketch and Components List



LCD Display



(Pic.1: Detection Panel)

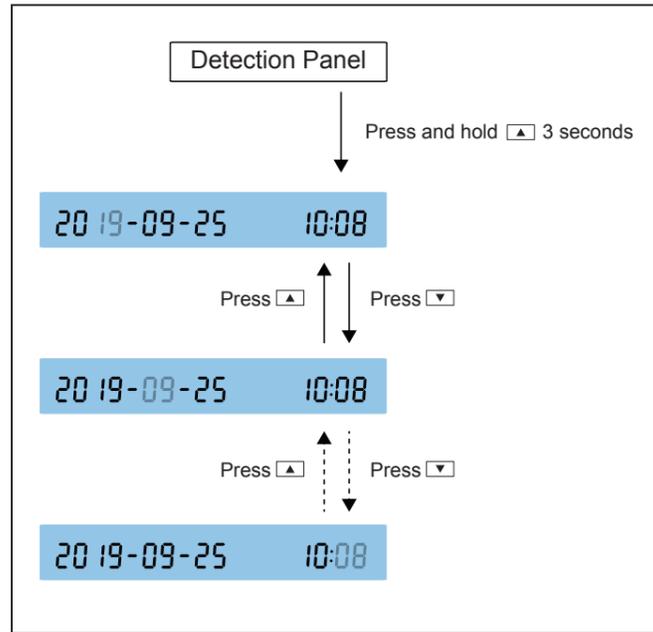


(Pic.2: Operation Panel)

Icon	Description	Icon	Description
	Mute		Manual Calibration
	Audible Alarm		Degree Celsius
	Plant Mode		Degree Fahrenheit
	Human Mode		Alarm Point Setting

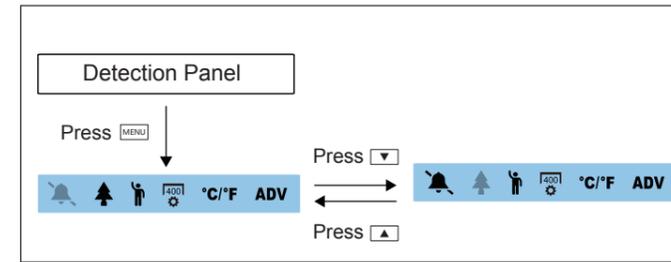
Time & Date

In detection panel(See Pic.1), press and hold **[▲]** 3 seconds to active date and time settings.Press **[▲]** / **[▼]** to select each item.

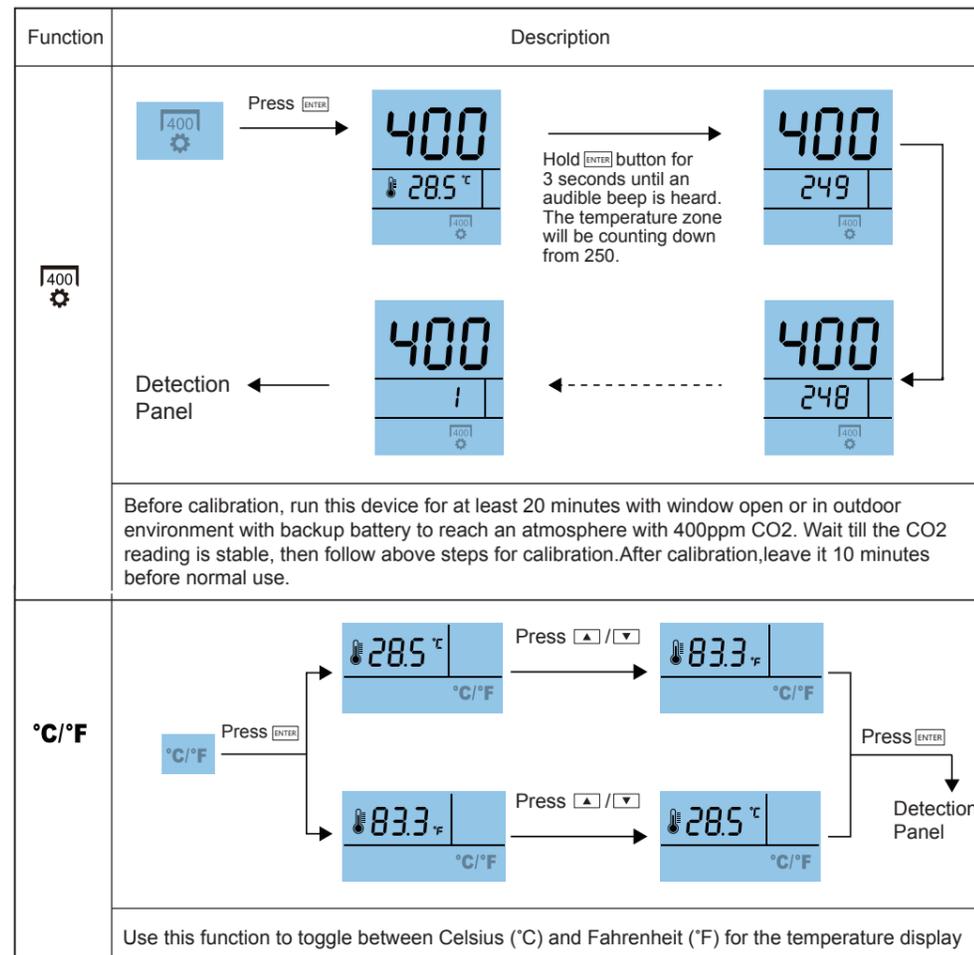
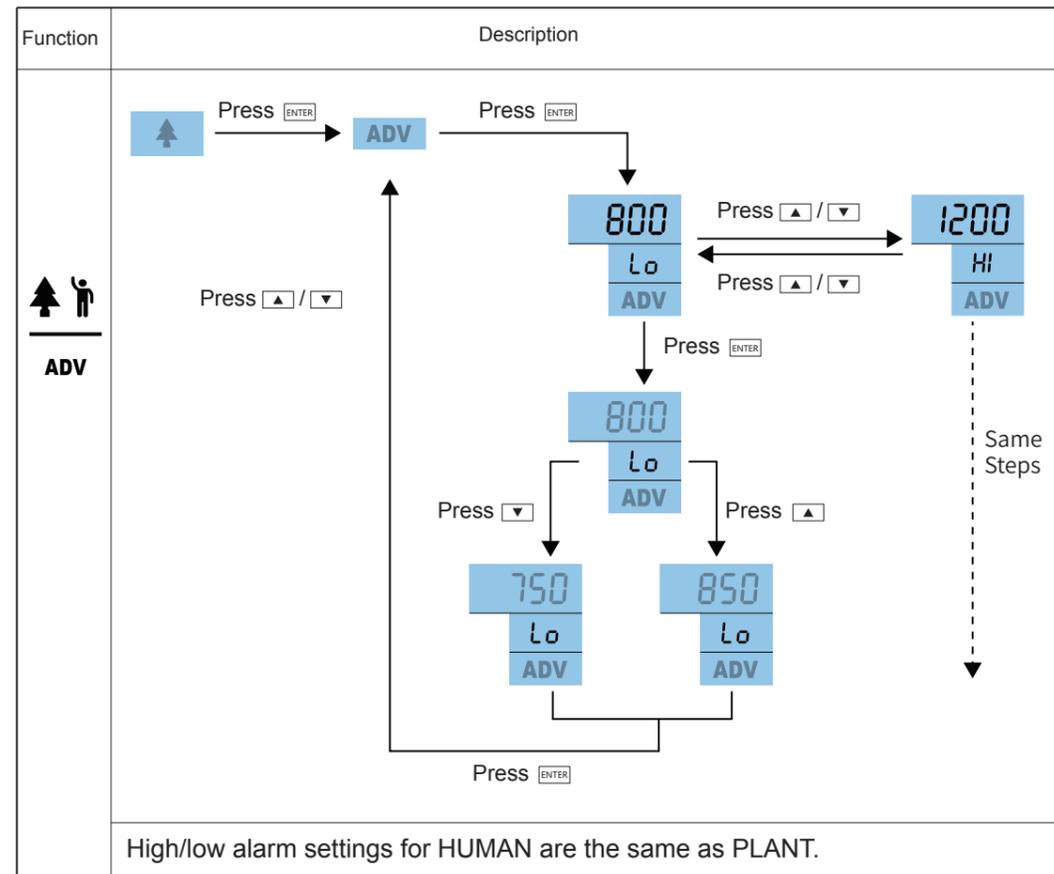
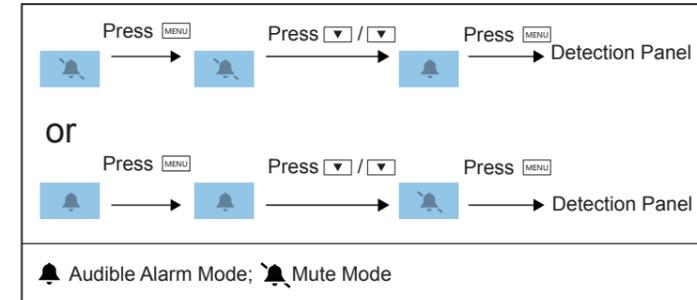


Main Menu

Press **[MENU]** once to active the main menu functions. Press **[▲]** / **[▼]** / **[MENU]** to bring up the main menu, with an underlining flashing bar indicating the current choice.



To select a certain function, press **[ENTER]** when it is underlined by the flashing bar. After the setting is completed, press **[ENTER]** to confirm and exit. Note: if no operation in 1 minute, the main menu bar will disappear and the device will revert to the normal state (Detection Panel, See Pic.1 in page 5).



Specification

Typical test conditions: Ambient Temp:23±3°C, RH=50%~70%, Altitude=0~100 meters

Measurement	Specifications
Operating temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage temperature	14°F ~ 140°F (-10°C ~ 60°C)
Operating & storage RH	0-95% (non-condensing)
CO2 Measurement	
0~3000ppm	±50 ppm +5% of reading
>3000ppm	±50 ppm +7% of reading
Measuring range	0-5000 ppm
Display resolution	1ppm (0-1000); 5ppm (1000-2000); 10ppm (>2000)
Temp compensation	±0.2% of reading per °C (Reference of 25°C)
Response time	<2 minutes for 63% of step change or <4.6 minutes for 90% step change
Warm-up time	<20 seconds
Temperature Measurement	
Operating temperature	32~195°F (0~90°C)
Display resolution	0.1°F (0.1°C)
Response time	<20 minutes (63%)
Humidity Measurement	
Measuring range	5~95%
Accuracy	±5%
Display resolution	1% main interface display
Operating voltage	DC(5±0.25)V
Dimension	120*90*35mm
Weight	170g device only