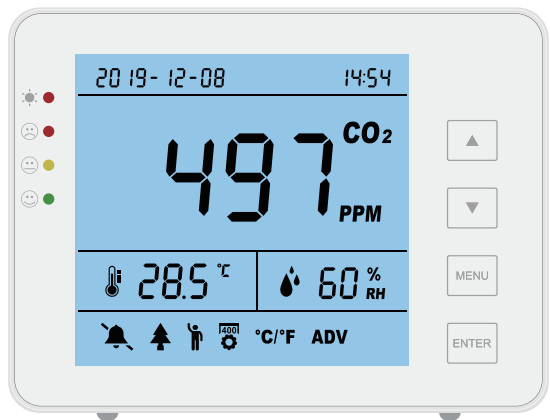


CO2 MONITOR - CO-20-Pro

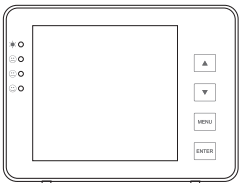
Instruction Manual



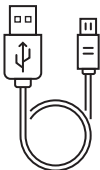
CE RoHS 2.0 REACH CO2/TEMP/RH

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

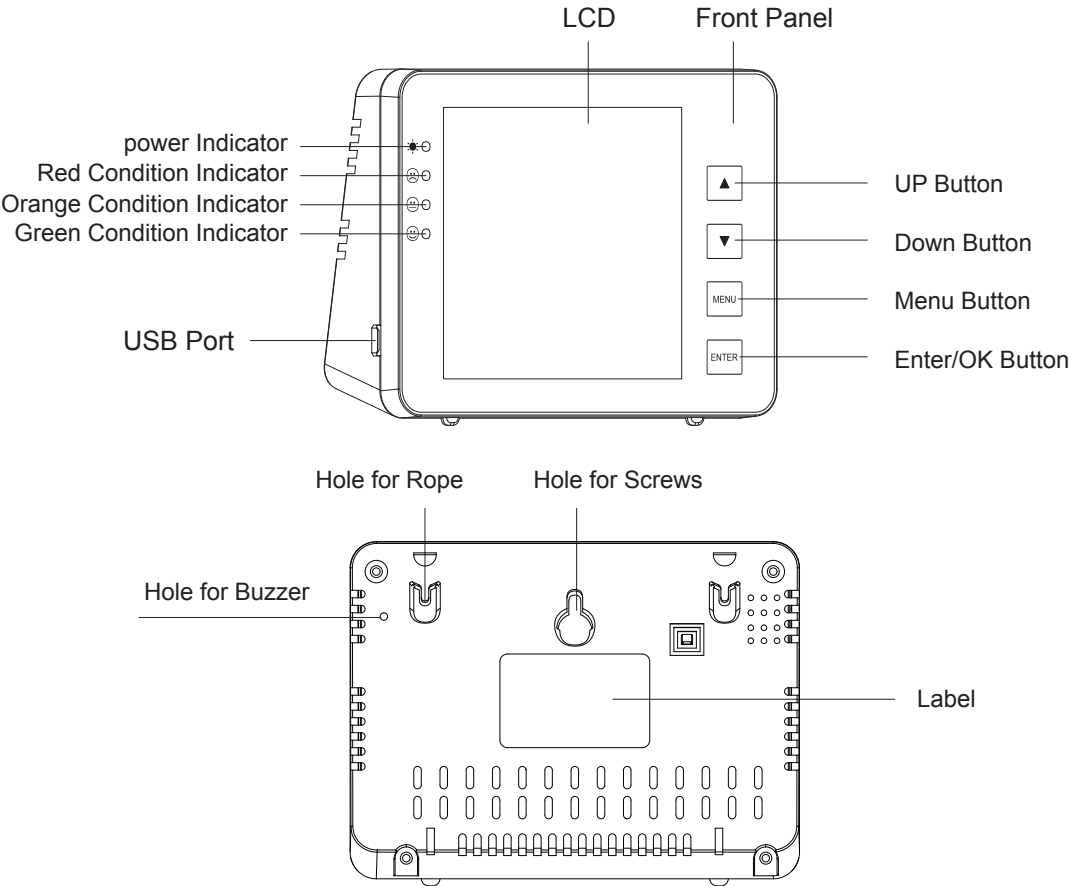
- HD Large Display
- Wall mounted and Desktop
- Touch Button Operation
- 15°Bevel Design, Easy to Read
- Low Drift NDIR Sensor, Long Lifespan
- Audible and Visual Alarm
- Temperature, Humidity and CO2 Monitor, Date and Time Display
- Auto-calibration and Manual Calibration

Restore Factory Defaults

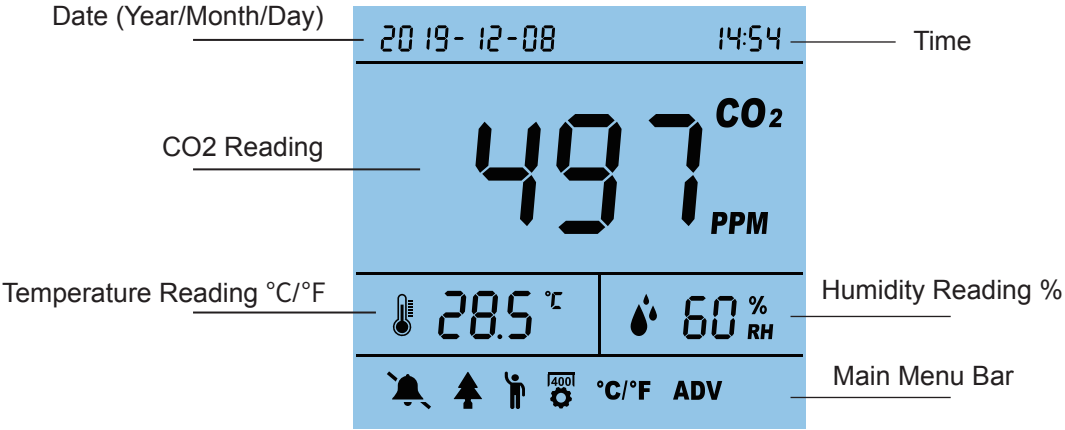
In Detection Panel (See Pic.1 in Page 2), hold **ENTER** for 3 seconds until an audible beep is heard.

Overview

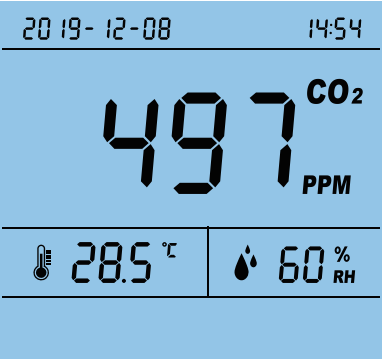
Drawing Sketch and Components List



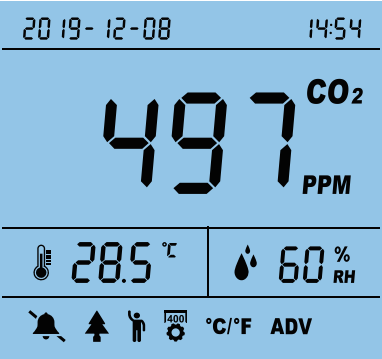
LCD Display



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



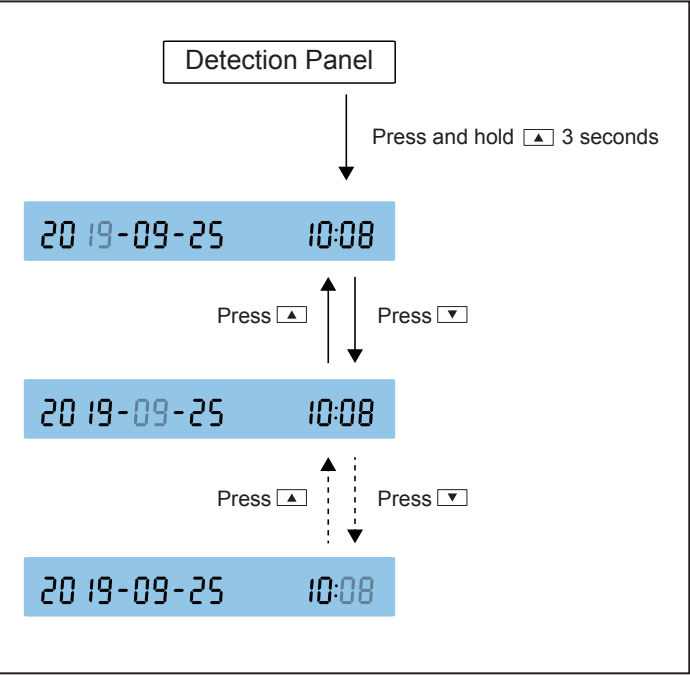
(Pic.1: Detection Panel)



(Pic.2: Operation Panel)

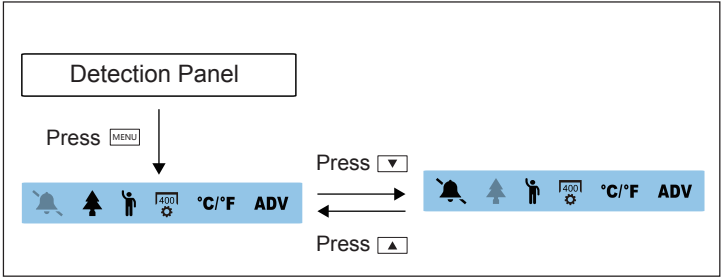
Time & Date

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

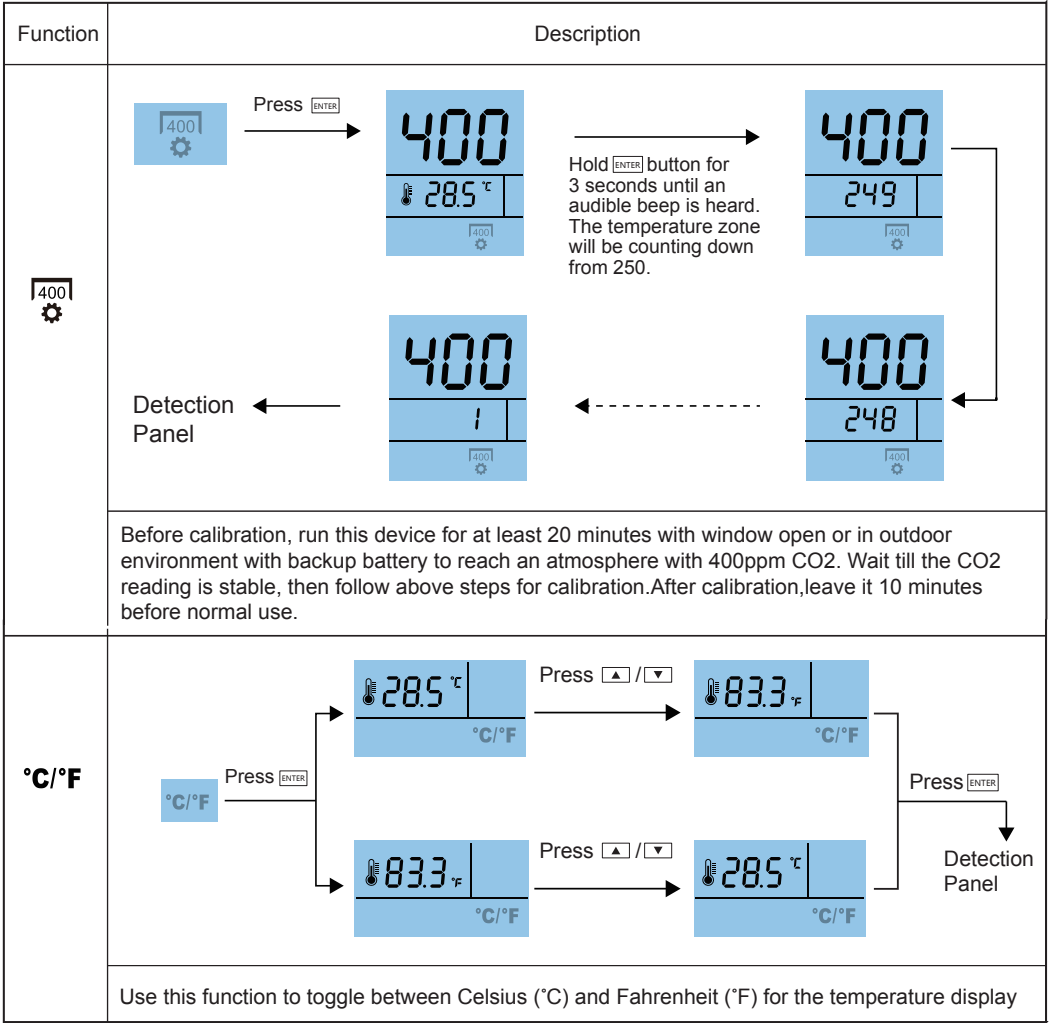
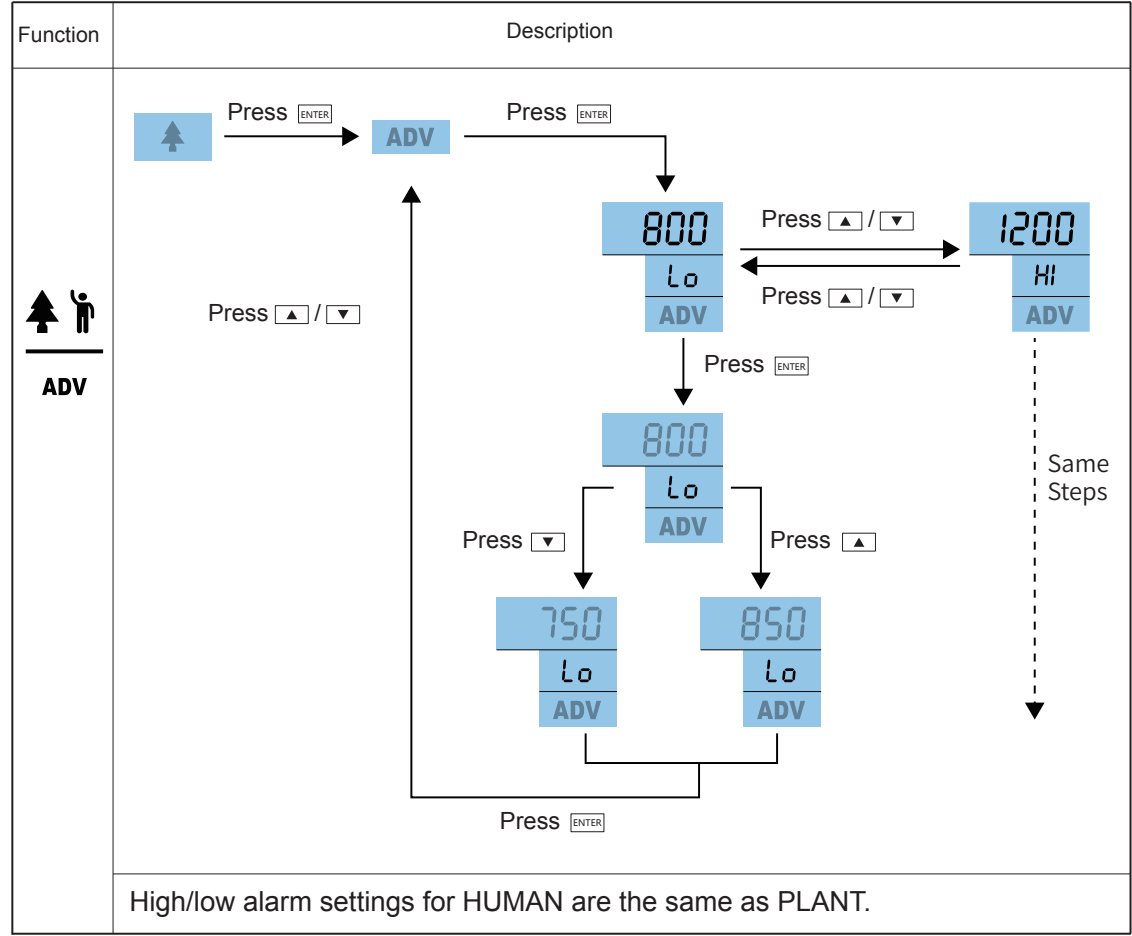
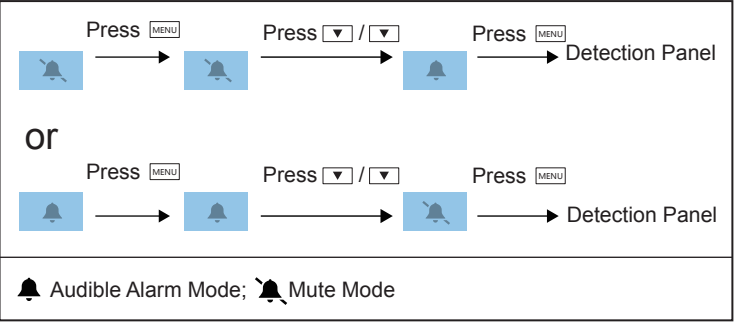


Main Menu

Press once to active the main menu functions.  
Press / / to bring up the main menu,  
with an underlining flashing bar indicating the current  
choice.



To select a certain function, press when it is  
underlined by the flashing bar. After the setting is  
completed, press 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