

Specifications

- CO2 sensor (measurement range: 400-5000 ppm)
- Humidity sensor (optional)
- Powering: rechargeable battery
- Battery life: ~6 months on a single charge
- Recommended operating temperature: 0...50°C
- Connection type: Bluetooth
- Indication: LCD

User guide

Turn on your Altos

Press and hold the button until all display segments turn on and blink once. After that, the display starts indicating the current Brain Fuel level.

Trouble turning on?

If your Altos doesn't turn on, make sure it is charged: connect it to the power outlet by the USB Type-C cable and retry (see *Charge Altos* for details).

Using Altos

Altos' display shows how much Brain Fuel* is in the air around you. The fewer of nine display segments are on, the less Brain Fuel is in the air.

* Brain Fuel index shows how much helpful for your productivity air is in your environment. Brain Fuel level changes in the reverse proportion to the CO2 concentration: as CO2 rises, the Brain Fuel index falls.

When all nine segments are lit, you're all set to get your work done – the air composition is ideal for intellectual work. If the display shows only one segment, the CO2 concentration in the air around you is critically high.

To get precise info about how the air helps your productivity, provide that nothing obstructs the air inlet to the Altos air intake.

Here's a correlation of Brain Fuel index and CO2 concentration level:

CO2, ppm	Number of segments on	Brain Fuel index	Tip
Less than 449	9	Ideal	Air composition optimal for productive work. Keep it up!
450 - 499	8		
500 - 599	7		
600 - 699	6	Fair	These CO2 concentrations might impair your brain performance. Let some air in to stay productive.
700 - 799	5		
800 - 899	4		
900 - 999	3	Poor	CO2 concentration is too high and significantly decreases your cognitive capabilities. Have a
1000 - 1499	2		

more than 1500	1		walk or ventilate the room to get it back to normal.
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Connect to the app

To track how the Brain Fuel index has been changing over time and get notified of changes in air composition, get the Altos app and connect it to your Altos.

You will need an Internet connection to install the Altos app and Bluetooth to connect your Altos with your mobile device.

- Install the Altos app on your mobile device. Search for Altos in Google Play or App Store or scan the QR code.
- Open the app and follow its guidance to connect your Altos.

Trouble pairing?

If Altos doesn't pair with your phone or tablet:

- make sure the Bluetooth is enabled for the Altos app,
- hold the Altos button for three seconds and try pairing one more time,
- try restarting Altos.

Enable push notifications

Push notifications warn you when the air around you lacks Brain Fuel and give a timely prompt to let some air in. When the air composition goes back to normal, you will also be notified on your phone.

To get notified of significant changes in air composition, give the Altos app permission to send you push notifications. Once you pair your Altos and the phone, you will be prompted to enable notifications and location services.

If you skip these steps on Altos set up, you can change notifications and location services preferences later in the app settings.

Access to location services is granted only for the purpose of using Bluetooth. Altos does not collect or use any location data.

Not getting notifications?

If you are not getting push notifications, check whether the Altos app has permission to send notifications and Altos is connected to your phone.

Charge Altos

Battery charge level is indicated on the display's segment with the battery icon printed. The blinking icon indicates the Altos charge level is less than 10%, and it should be charged. You can check the precise Altos charge level in the app settings.

To charge Altos:

1. Plug the USB Type-C cable into the connector.
2. Connect the cable to a power source.
3. Leave Altos charging for 2-3 hours to get it fully charged.

Trouble charging?

If Altos is not charging when connected to the power source, try to change the USB Type-C cable or a power outlet.

Unpair Altos of your phone or tablet

To unpair Altos, go to the app settings and tap Unpair device. Then, press and hold the button on your Altos for three seconds – that will remove your phone from Altos' known devices.

Turn your Altos off

To switch Altos off, press and hold the button until the display turns off.

Usage recommendations

- On a single battery charge, Altos works for approximately six months. Charge Altos timely to stay informed of the air composition changes.
- Recommended operating temperature range is 0...50°C. At lower temperatures, the device's sensors might perform incorrectly. It might take some time to get back to normal work if the device stays in the cold for a while and then is brought to a warm place.
- To ensure a stable Bluetooth connection, the distance between your phone and your Altos should be less than 10 meters.

Troubleshooting

Trouble	Possible cause	Remedy
Altos doesn't turn on	Altos is discharged	Charge Altos as the Charging section describes
	Altos is damaged somehow	Contact a supplier
Altos doesn't pair with a mobile device	Bluetooth on your phone or tablet is off	Enable Bluetooth for the Altos app from your phone's settings
	Altos is not in the phone's Bluetooth range	Bring Altos near your phone
	Pairing failed for another reason	Restart Altos and retry
Not receiving push notifications	Push notifications are disabled	Enable push notifications for the Altos app from your phone's settings

	Altos is unpaired	Pair Altos with your phone following the in-app instructions
	Altos is out of phone's range	Bring Altos near your phone
Altos isn't charging	USB Type-C cable is damaged	Change the USB Type-C cable and retry
	Altos is not connected to the power outlet, or the power outlet malfunctions	Check whether the power outlet works properly

If you encounter any issues not covered by this guideline, please contact a supplier to troubleshoot.

Safety information

Handling

Altos contains sensitive electronic components and can be damaged if dropped, burned, or crushed. Keep the device away from the heat sources; heating the device to over 70°C might cause its damage or malfunction.

Repairing

Altos is a non-repairable device; please don't attempt to repair the device by yourself. Disassembling Altos may damage it and may cause injury to you. If Altos is damaged or malfunctions, contact the manufacturer.

Not a medical device

Altos is not a medical device and should not be used as a substitute for professional medical equipment. Any information provided by the device and the app should not be considered obligatory. Please consult your healthcare provider before making any decisions related to your health.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

Manufacturer's Name: Minewing (Shenzhen) Electronics Integrated Co., Ltd

Altos

Model number: Brain fuel meter

Operating Temperature: 0° C to 40° C

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

1. The device complies with RF specifications when the device used at 0cm from your body

Function	Operation Frequency	Max RF output power:	Limit
BLE	2402-2480MHz	3.14dBm	10dBm.

This product can be used across EU member states.

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