

AlcoLimit[©]
MAVERICK[©]

User Manual



AlcoLimit Breathalysers Pty. Ltd.
P.O. Box 1106,
MANLY, NSW, 1655
Ph: 1300 667 661
www.alcolimit.com.au

Version 1.0



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IMPORTANT INFORMATION

If you do not follow the instructions for use your test results may be inaccurate and your warranty may become void.

For most accurate results, it's important to wait at least 20 minutes after smoking, eating or drinking before testing. This is a universal principle for all breathalysers, not just yours. The reason being is that if you have recently consumed alcohol, the residual alcohol in your mouth is very high and can cause a false reading. Additionally, waiting 20 minutes allows the alcohol to be absorbed from your stomach into your bloodstream, contributing to more accurate test results.

PARTS OF YOUR BREATHALYSER



SPECIFICATIONS

Recommended Usage	Professional
Sensor Type	Premium Electrochemical Fuel Cell
Accuracy	Conforms to Australian Standard AS3547
Range %BAC	0.000 - 0.400
Display	LED
Warm-up time	10 seconds - 2 minutes
Breath Sampling Time	5 seconds
Temperature	Operation -5°C - 40°C Storage -10°C - 50°C
Housing	Shock Resistant Plastic
Weight	84 grams (with batteries)
Power Source	2 x AAA 1.5v Alkaline Batteries
Dimensions	109cm x 51cm x 18cm
Warranty	12 Month Limited Warranty
Recalibration Period	Every 6 months

Specifications are subject to change for the purpose of product improvement.

For all after-sales service and enquiries please contact the manufacturer:

AlcoLimit Breathalysers Pty. Ltd.

P.O. Box 1106

Manly, N.S.W. 1655

Australia

Ph: 1300 667 661 or +612 9939 3077

Website: www.alcolimit.com.au

Email: sales@alcolimit.com.au

SET-UP YOUR BREATHALYSER

Inserting the batteries

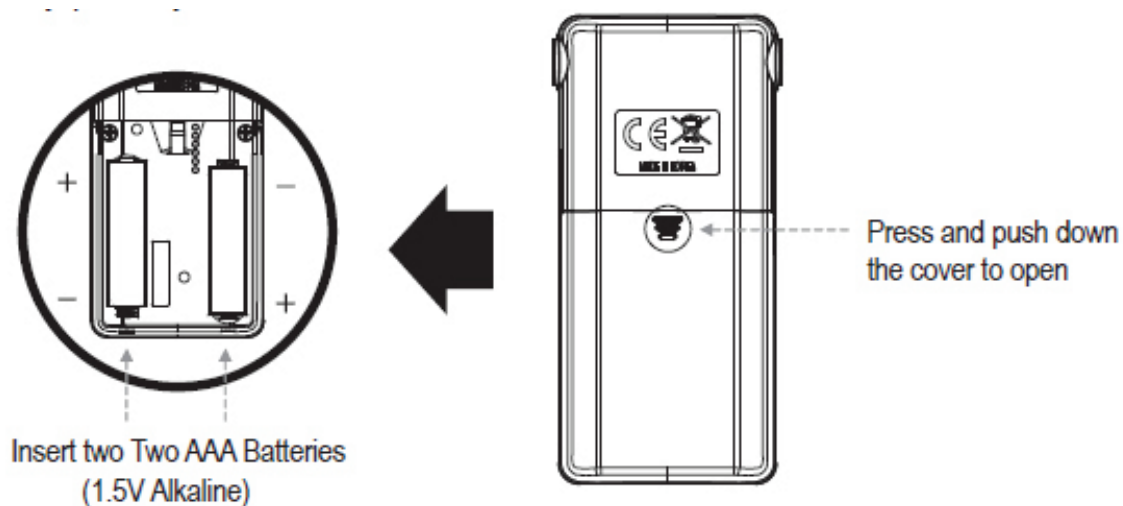
Open the rear battery cover by pressing the battery cover downward.

Insert 2 x AAA 1.5v alkaline batteries

or 2 x 1.2v rechargeable batteries.

Ensure the polarity is correct.

Replace the battery cover by sliding upwards until it clicks



Attaching the mouthpiece

Insert the mouthpiece into the breath inlet hole. Ensure it is securely attached.

Use a new mouthpiece for every test.



ALWAYS WAIT 20 MINUTES AFTER DRINKING ALCOHOL BEFORE PERFORMING A BREATH ALCOHOL TEST.

*PLEASE NOTE: Alcohol vapour from the upper respiratory tract, associated with very recent drinking of an alcoholic beverage, can cause higher readings than the true breath alcohol concentration. We recommend having a glass of water prior to testing and waiting at least **20 minutes** after your last drink for accurate results. Not waiting the required 20 minutes will saturate the sensor unnecessarily and may cause sensor damage. This is not covered under your warranty. Please always wait 20 minutes after consuming any alcohol to avoid this problem.*

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BASIC OPERATION

Press the ON button for 2 seconds until the screen illuminates.



The number of tests since the last calibration will be displayed followed by the last result recorded.

The unit will start to countdown from 80 automatically to prepare for the test.

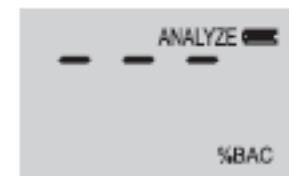


When the countdown is complete 3 dashes will appear on the display and the word BLOW will appear at the top.

Take in a deep breath and blow a strong consistent breath into the mouthpiece. There will be a constant beep while you should keep blowing, followed by a double beep, indicating you can stop. If your breath is too weak or you don't blow for long enough a FLO error will appear.



Once the correct amount of air is received the breathalyser will stop beeping and start analysing the sample. 3 dashes will circle around the screen while analysis is taking place and the word ANALYZE will appear at the top.



The %BAC will be displayed on the screen for 20 seconds.

The ON/OFF button will be deactivated during this time. If you would like to retest, press the ON/OFF button once more after 20 seconds.



TROUBLESHOOTING GUIDE

Indication on display	Solution
FLO	Insufficient breath has been detected by the sensor. Restart the breathalyser and ensure you are blowing a strong consistent breath. Continue blowing until the beeping sound stops. This indicates it has received a sufficient air sample.
BAT	The level of charge in the batteries is 0%. Change your batteries.
	An indication is provided on the display with an estimate of the level of battery life remaining.
OUT	The breathalyser has timed out due to no breath sample being received within 3 minutes. Press the ON/OFF button and start again.
500	This indicates the device has reached 500 tests during the calibration period. Send it to our Service Centre for recalibration. Accuracy of results cannot be guaranteed after this time
Err2	There was excessive saliva in the breath sample. Wait 20 minutes and test again. Use a new mouthpiece for the next test.
OUTc	The device is being used outside of its specified operating temperature of -5°C to 40°C. Retest with the device when you are in the correct temp. range. eg. if using outside on a hot or cold day test inside a room instead.
<p>Should you have any questions regarding the operation of the breathalyser or the indications on the display please contact our Customer Service hotline on 1300 667 661.</p>	

IMPORTANT INFORMATION

This device is tested as a 0.05% BAC device (0.05%BAC is equal to 0.05grams of alcohol per 100ml of blood).

ALCOLIMIT MAVERICK has a range of 0.000-0.400 %BAC. Readings above this range will be indicated by the word 'HIGH' appearing on the screen.

PLEASE NOTE: Alcohol vapour from the upper respiratory tract, associated with very recent drinking of an alcoholic beverage, can cause higher readings than the true breath alcohol concentration. We recommend having a glass of water prior to testing and waiting at least 20 minutes after your last drink for accurate results. Not waiting the required 20 minutes will saturate the sensor unnecessarily and may cause sensor damage. This is not covered under your warranty. Please always wait 20 minutes after consuming any alcohol to avoid this problem.

WARNINGS (Please read carefully)

- Closed rooms with poor ventilation, pollution, smoke or air conditioning may delay the time for resetting between tests.
- Avoid testing in the presence of any substances that contain methyl alcohol, isopropyl alcohol or acetone. These substances may interfere with the results of the test.
- Not waiting at least 20 minutes after your last alcoholic drink will cause inaccurate readings, and if you continue to misuse ALCOLIMIT this way you will damage the sensor beyond repair (not covered under warranty). Have a glass of water or other non-alcoholic beverage to minimise alcohol vapour in your mouth as the vapour can cause a higher reading.
- Retest 2-3 times to obtain a reliable test result. We suggest you then wait a further 10 - 20 minutes and retest to check that your level has stabilised and not increased.
- Blood alcohol concentration can continue to rise for up to 2 hours after the cessation of drinking. If the reading is close to the limit it is advised to wait a further 10-20 minutes and re test to determine whether your %BAC has stabilised.
- It can take 10 hours or more to return to a zero reading after a high blood alcohol level has been reached. A further test should be carried out later in the day or the following morning.
- If you are taking ALCOLIMIT overseas or using it at a different altitude please be aware that the calibration may be affected.
- Do not blow cigarette smoke or liquid into the tester.
- Alcohol affects each individual differently depending upon many factors; type of alcohol, muscle mass, weight, full or empty stomach, immune system, gender, regularity of drinking.
- Those with diabetes may find they can drink large volumes of alcohol yet still read 0.00%BAC. This does not mean your ability to drive is not impaired.
- Do not use ALCOLIMIT as a tool to drink and drive. There is no safe level of alcohol consumption before driving or operating machinery.
- The only true indication of your Blood Alcohol Concentration (BAC) is a blood test. The results obtained from a personal breath alcohol tester cannot be used in a court of law.

STORAGE CONDITIONS

Keep free from dust, dirt, and small particles as they may clog the sensor.

Keep in a cool dry place.

Keep out of extreme temperatures.

Keep out of reach of children.

Keep away from electrical interference.

Do not drop, knock or shake.

RECALIBRATION

The calibration period of ALCOLIMIT MAVERICK is 6 months.

If you receive erratic or high readings your breathalyser sensor may need recalibration. If you have any doubt about the readings you are receiving from your ALCOLIMIT MAVERICK then your sensor may need recalibration.

Periodic recalibration is required because over time breath alcohol testing devices may drift from their calibration setting even when not used.

Your ALCOLIMIT MAVERICK is a sensitive instrument. Unlike other electronic devices, your breathalyser shouldn't be ignored for long periods of time. The sensor inside it is delicate and can dry out if left unused for too long. In order to keep it in good working condition, we recommend that you blow into it at least once a month, even if you don't plan on using it. Breathing into the unit regularly keeps the sensor moist and in good working order. Sensors that dry out can sometimes require more frequent calibration.

Professional Calibration by our Technicians:

When calibration is due please return your breathalyser to our service technicians for recalibration. This resets the accuracy of your device to its specified accuracy setting.

Recalibration costs \$49.50 AUD and includes return postage to you within Australia and NZ via Australia Post.

Post to :

***AlcoLimit Breathalysers Pty. Ltd.
Servicing Dept.
P.O. Box 1106
Manly, N.S.W. 1655***

When posting your breathalyser to us you are advised to send it Registered Mail for tracking purposes.

You must include the following:

- your name
- return postal address
- daytime phone no.
- payment
- instruction manual to update service record (optional)

A 'Calibration Request Form' is available for download from our website which indicates all the information we require to perform your recalibration and includes payment options.

If you require a 'Calibration Certificate' please request one at the time of recalibration. These cost \$22 each.

**You may pay with credit card online via PAYPAL on our 'SERVICING' page at:
www.alcolimit.com.au/servicing**

Or you may call us on **1300 667 661** to pay with credit card.

Your breathalyser will usually be returned to you within a week. If you have any questions regarding recalibration, please call us on 1300 667 661 or +612 9939 3077

For NZ Customers we recommend payment via Credit Card due to exchange rate changes.

WARRANTY

Manufacturer warrants for one calendar year the product to be free from defects in workmanship or materials (excluding calibration) in normal service from the date of purchase. Manufacturer's obligation under this warranty is limited to replacing or repairing the unit if returned along with proof of purchase. This warranty is void if unit has been tampered with, misused, dropped, maliciously damaged or used for any purpose other than that intended.

The cost to return the unit to the manufacturer's service centre is at the expense of the consumer. The consumer is welcome to drop the unit off at our service centre in person. The consumer must contact our customer service centre prior to returning the unit to us to enable our technicians to diagnose the fault over the phone.

Upon returning the unit to our service centre under warranty, should the unit be found not to be faulty, the consumer is liable for the freight cost to return the item to them. Should the unit be found to be faulty the freight cost to return the item to the consumer will be borne by the manufacturer. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

DISCLAIMER

ALCOLIMIT MAVERICK is recommended as a screening device only. The reading you receive is not legally binding in a court of law, ALCOLIMIT MAVERICK is to be used only as a guide. The only true indication of your %BAC is a blood test.

Probationary drivers and machinery operators should check with their state authority or employer as to whether a 0.02%BAC or zero tolerance applies to them. We do not recommend driving or operating machinery with any amount of alcohol in your system. Heavy fines and penalties may apply and the presence of alcohol in your system may void your insurance.

The manufacturer gives no warranty, express or implied, as to the ability of ALCOLIMIT MAVERICK to determine or detect intoxication or to accurately indicate your blood alcohol level.

Disclaimer cont'd

The manufacturer assumes no responsibility in circumstances where a person who has used the device and received an indication of the presence of alcohol in his/her exhaled breath is later found to be under the influence of or their judgment has been impaired by alcohol; and will under no circumstances be liable for any loss or damage in contract or tort (including negligence) or otherwise suffered by any person arising directly or indirectly from the use of ALCOLIMIT MAVERICK.

The manufacturer, importer or distributor takes no responsibility whatsoever for the use of this product for any reason. This product must not be used as a tool for determining whether a person is able to operate a vehicle or machinery. The intake of any alcohol will impair reflexes and judgment to operate motor vehicles and machinery.

For further information on ALCOLIMIT MAVERICK, and to view other models available, see our website: **www.alcolimit.com.au** or call our Customer Service line on **1300 667 661**.

