

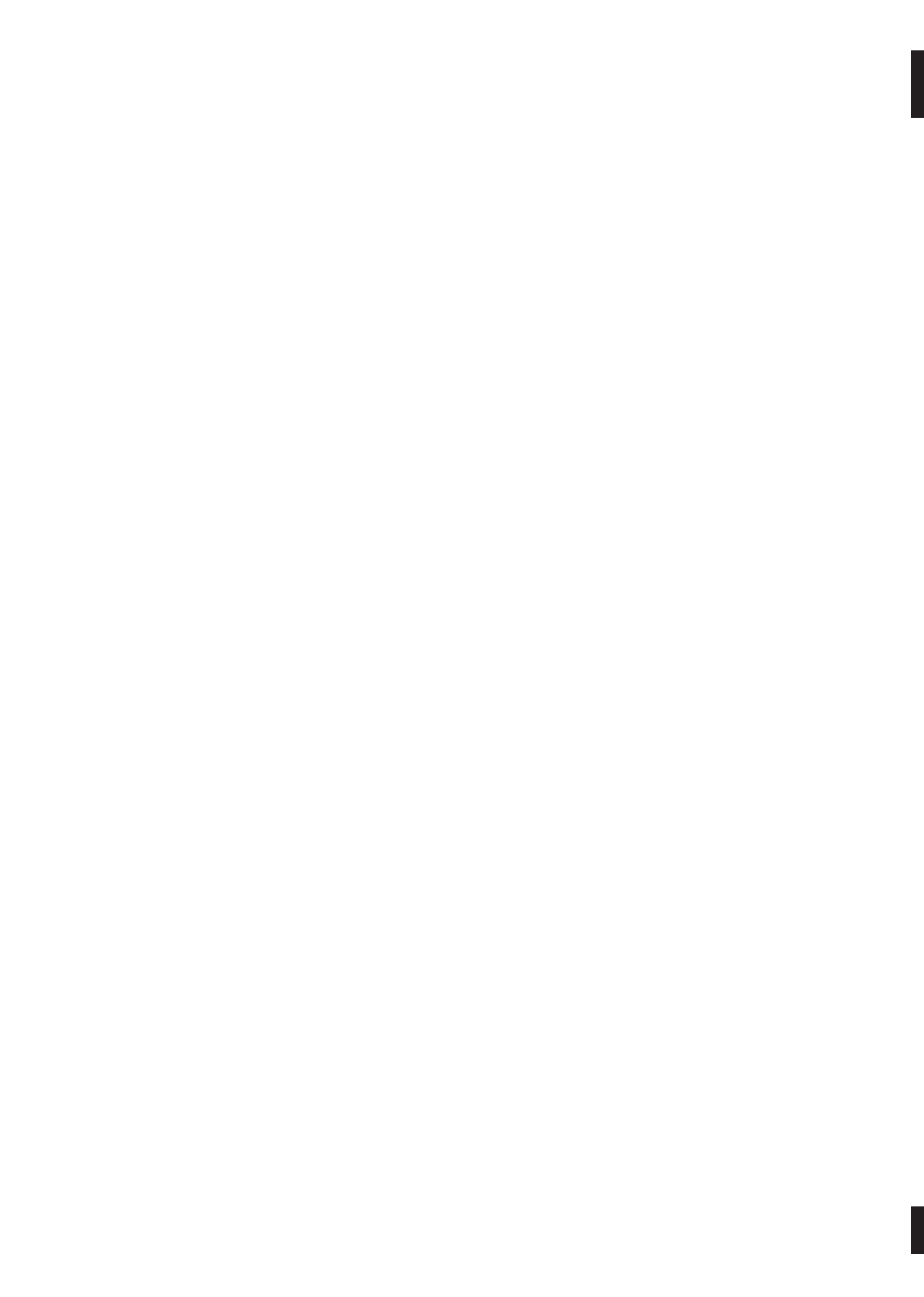
AlcoLimit[®] ALCOTRACK[®]

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 - 0.500
Display	OLED (128 x 64 pixels)
Warm-up time	5 seconds - 2 minutes
Breath Sampling Time	5 seconds
Temperature	Operation -5°C - 40°C Storage -10°C - 50°C
Housing	Shock Resistant Plastic
Weight	130 grams
Power Source	2 x AA Alkaline Batteries
Dimensions	128cm x 60cm x 24cm
Warranty	12 Month Limited Warranty
Recalibration Period	Every 6 months or 1000 uses

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

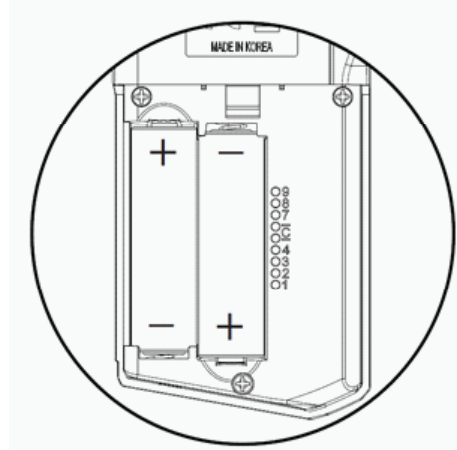
Website: www.alcolimit.com.au

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 AA 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.

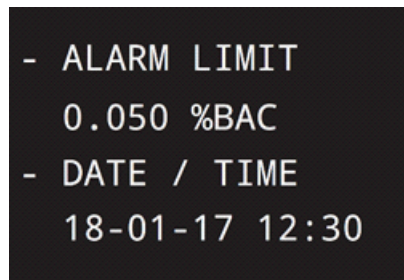


Use a new mouthpiece for every test.

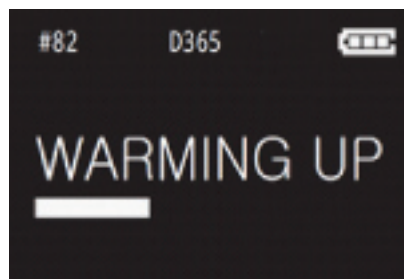
BASIC OPERATION

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

The Alarm Limit, Date and Time will appear on the display.



The breathalyser will start to warm up and a progress bar will move across the bottom of the screen.



At the top of the screen you can see the test number (#82), the number of days until the next calibration is due and the level of power remaining in the battery.

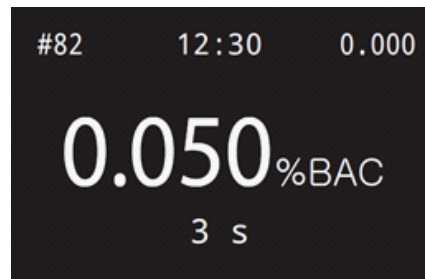
When the progress bar reaches 100% the words START BLOW will appear on the screen accompanied by a double beep. Take in a deep breath and blow a strong consistent breath into the mouthpiece. There will be a constant beep while you should keep blowing, followed by a double beep, indicating you can stop.



Once the correct amount of air is received the breathalyser will stop beeping and start analysing the sample. A progress bar will move across the screen. while analysis is taking place.

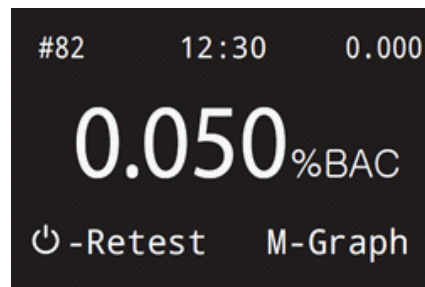


The %BAC will be displayed on the screen.



The coloured LED light will flash red or green indicating whether you are above or below the limit level set in the device.

After 15 seconds you may perform a retest by pressing the ON/OFF button once more.



A countdown will appear at the bottom of the screen.

If you press the M button during this time you can see a bar graph of the 10 most recent tests. The Line across the graph indicates your limit level set. eg. 0.050%BAC.



The device will turn off automatically after 3 minutes or you may turn it off manually by pressing the ON/OFF button for 2 seconds.

TROUBLESHOOTING GUIDE

Indication on display	Solution
<p style="text-align: center;">BLOW ERROR</p>	<p>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.</p>
<p style="text-align: center;">LOW BATTERY</p>	<p>The level of charge in the batteries is almost 0%. Change your batteries.</p>
 <p>100% 70% 30% 0%</p>	<p>An indication is provided on the display with an estimate of the level of battery life remaining.</p>
<p style="text-align: center;">CALIBRATION DUE DATE HAS PASSED</p>	<p>Recalibration is required to maintain the specified accuracy of the device. Send it to our Service Centre for recalibration.</p>
<p style="text-align: center;">OVER NUMBER OF TEST ALLOWED</p>	<p>This indicates the device has exceeded 500 tests during the calibration period. Send it to our Service Centre for recalibration.</p>
<p style="text-align: center;">BREATH SAMPLE WITH EXCESSIVE SALIVA</p>	<p>There was excessive saliva in the breath sample. Wait 20 minutes and test again. Use a new mouthpiece for the next test.</p>
<p style="text-align: center;">OUT OF TEMP RANGE</p>	<p>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>
<p style="text-align: center;">NO MEMORY CAPACITY AVAILABLE</p>	<p>No further testing can be performed as the memory has reached its 10,000 test capacity. You will need to delete some test results.</p>

ACCESSING THE MENU

To access the MENU turn the breathalyser on by pressing the ON/OFF button then press the 'M' button for 2 seconds.

The MENU CONTENTS are:

- TEST RESULT
- TEST RESULT - G
- ALARM LIMIT
- UNIT
- BRIGHTNESS
- SOUND
- INFORMATION
- PIN CODE

Navigating the menu

Press the ON/Off button briefly to move up and press the Menu button briefly to move down through the menu or menu information.

Press the ON/OFF button for 2 seconds to select a menu item.

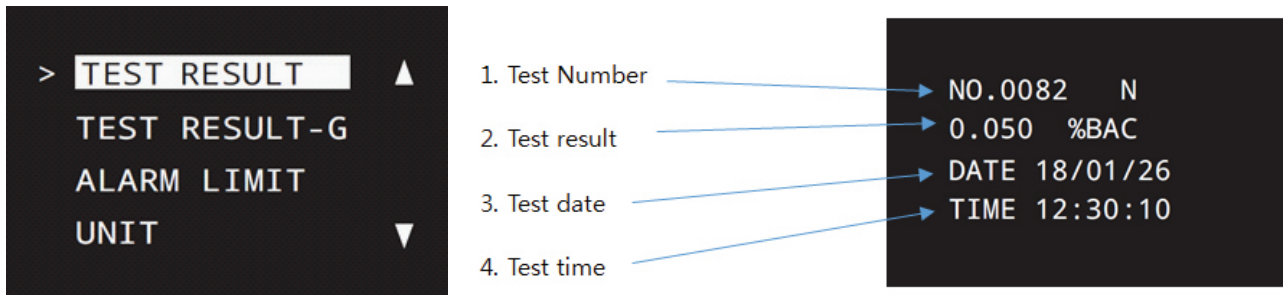
Press and hold the ON/OFF button and Menu button for 2 seconds until a beep sounds to SAVE the changed settings.

To exit the menus and return to the warm up process, press the Menu button for 2 seconds.

TEST RESULT

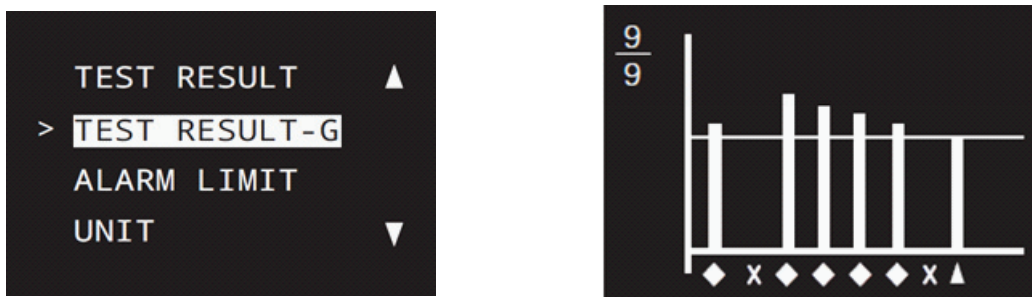
Provides the results of the last 500 breath tests including date, time, result in %BAC and the test number.

Use the ON/OFF and Menu buttons to move from one data set to another. The most recent result will appear first.



TEST RESULT - G

Displays the last 10 results in a graph with your limit level as a horizontal line. The page number is displayed in the top left corner



- ▲: The most recent test result
- ◆: A test result with a sufficient breath sample
- X: A test with an insufficient breath sample

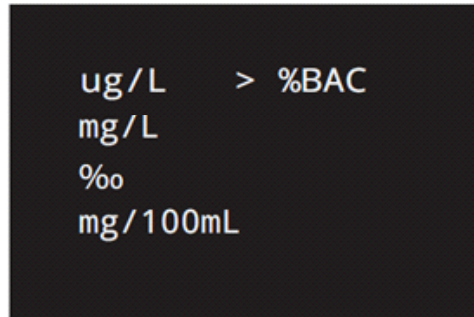
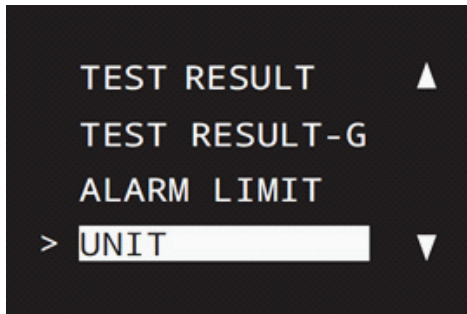
ALARM LIMIT

Displays the alarm limit you have set. for workplaces this would be 0.010%BAC and for personal users 0.050%BAC. The range is 0.010 - 0.100 %BAC OR you may set it to OFF.



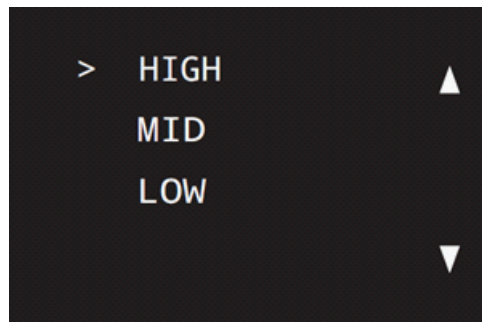
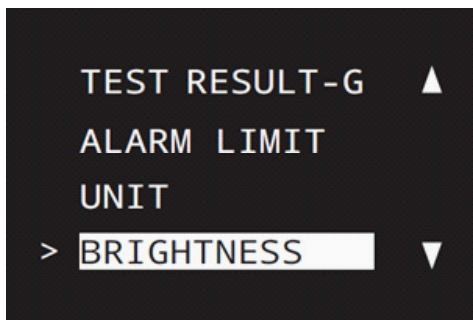
UNIT

By default, this is set as %BAC.



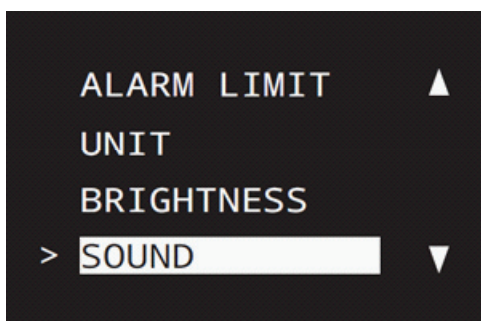
BRIGHTNESS

You may change the brightness of the writing on the screen depending upon the lighting in your environment.



SOUND

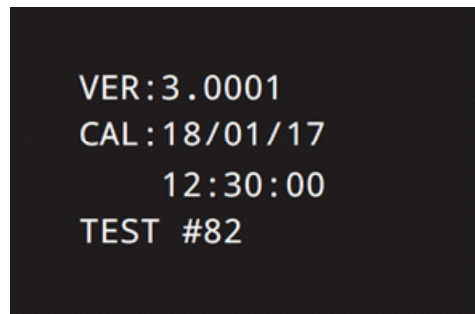
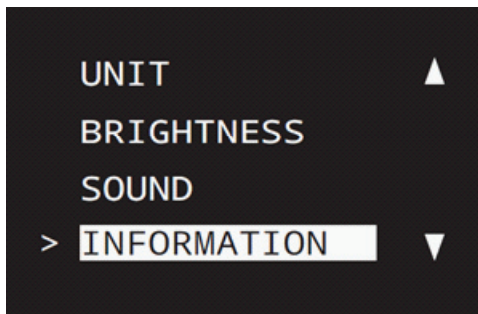
You may change the volume of the beeps depending upon the amount of ambient noise in your environment or turn it OFF.



INFORMATION

The following information can be checked in this menu item:

- Version of the firmware
- The last calibration date. Note the format is YY/MM/DD - it's backwards!
- The total number of tests performed

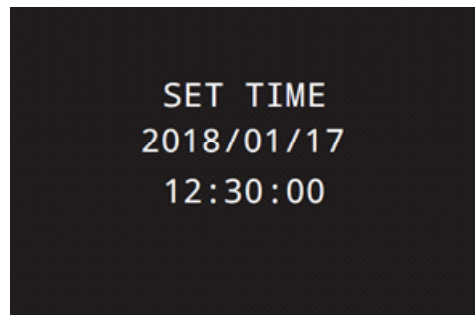


SET TIME

This allows you to set the time and date for your region.

Press the ON/OFF button for 2 seconds to start editing the time and date. Press the ON/OFF button briefly to increase the numbers and

Menu button to decrease the numbers. Press and hold the ON/OFF button for 2 seconds to move to the next field. When complete, press and hold both the ON/OFF and Menu buttons simultaneously to save your settings and return to the main menu.



PIN CODE (to access the Advanced Menu)

This is for servicing department access only.

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 AlcoTrack has a range of 0.000-0.500 %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 retest 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 ALCOTRACK 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 ALCOTRACK 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 ALCOTRACK 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 \$85 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 ALCOTRACK is recommended as a screening device only. The reading you receive is not legally binding in a court of law, ALCOLIMIT ALCOTRACK 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 ALCOTRACK 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 ALCOTRACK.

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

ACCESSORIES AVAILABLE

Purchase from your local retailer
or order online at www.alcolimit.com.au

MOUTHPIECES



*Pack of 25 Disposable Mouthpieces
Product Code: ALCO-040*

*Pack of 50 Disposable Mouthpieces
Product Code: ALCO-020*

*Pack of 250 Disposable Mouthpieces.
Product Code: ALCO-039*

*Pack of 500 Disposable Mouthpieces.
Product Code: ALCO-043*



ZIP-UP CARRY CASE

Zip-Up Carry Case to hold your breathalyser and additional mouthpieces. EVA water resistant.

Available in 3 colours:

RED - Product Code: ALCO-086

BLUE - Product Code: ALCO-087

BLACK - Product Code: ALCO-088

RECALIBRATION SERVICE RECORD

Date of Recalibration	Service Details	Technician

For service records to be updated, please send your instructions with your breathalyser each time it is recalibrated.

Alternatively, you may request a Calibration Certificate at a cost of \$22 (recommended for workplaces).