


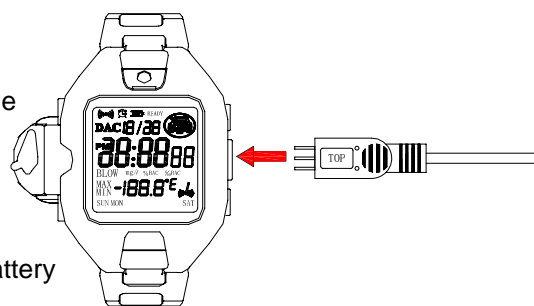
# User Manual for FIT 188 Alcohol Computer Watch

Thanks for purchasing our FIT188 Breath Analyzer, a hand held Digital Alco Watch with temperature and Calendar Watch. FIT188 gives you a digital indication of your breath alcohol content and thus your possible concentration of intoxication.

## Operation instructions

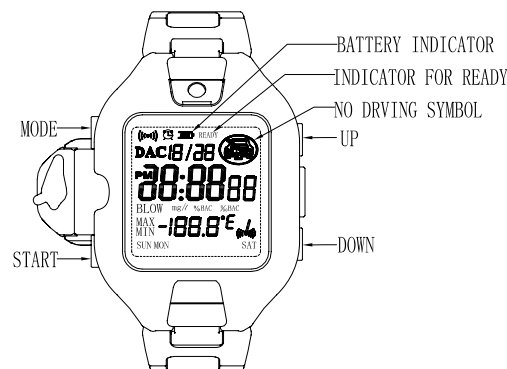
### General

- 1) Use the provided charger cable (and car charger optional) to charge up the battery for at least 12 hours when it is the first time of use. Make sure the +ve and -ve sign on both cable and the watch bottom are matched. The battery charging animation  will move forward and backing when the cable is connected correctly.
- 2) If no battery, the battery indicator will flash and please charge up the battery immediately.



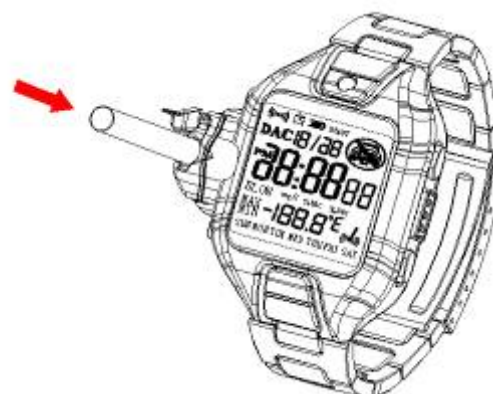
### Time & unit setting

- 1) Press **MODE** key for 0.5 seconds to turn on the back light.
- 2) Press **UP** to change the temperature unit
- 3) Press **DOWN** to read the maximum and minimum temperature memories.
- 4) Press **DOWN** for two second to reset the max. and min. temperature memories.
- 5) When back light is on, press again to toggle Real Time clock mode (RTC) & Alarm mode (AL).
- 6) In RTC mode, press **MODE** key for 2 seconds and enter into time setting mode. The selected digits for adjusting will flash.
- 7) Press **UP** & **DOWN** to alter the selected digits
- 8) Press **START** to shift the selected digit
- 9) In AL mode, press **UP** to en/disable the chime and press **DOWN** to en/disable the clock alarm.
- 10) In AL mode, press **MODE** key for 2 seconds to enter into alarm setting mode. The selected digits for adjusting will flash.
- 11) Press **UP** & **DOWN** to alter the selected digits
- 12) Press **START** to shift the selected digit



### Alcohol testing

- 1) To begin, wash your mouth with water before using the unit. Abstain from smoking or drinking for at least 20 minutes.
- 2) Insert the provided blowing tube completely into the transparent gas inlet located aside of the watch.
- 3) In RTC mode, press the **START** Key for 0.5 seconds to activate an approximate 20~30 seconds sensor-warm-up process. "PH" flashes and then followed by 15-second count down (or 30-second for long time un-used machine). "READY" flashes with beep tone when count down to zero and ready to start.
- 4) Blow continuously through the blowing tube for approximately 6 seconds. When auto detect your breath sample successfully and "BLOW" will be shown on the display when detect the breath sampling. ("Err" shows if less than 6 seconds continuous blow) Stop blowing when you hear a 'beep' tone and the reading shows on the display. If "BLOW" flashes while blowing, it means there is residue inside the chamber. Please clear the residue and test again.
  - i. A measurement of less than 0.15‰BAC (0.075mg/l or 0.015% BAC) will show "LO", and no breath sample detected will also show "LO"
  - ii. A measurement between 0.15‰BAC (0.075mg/l or 0.015% BAC) & 1.50‰BAC (0.75mg/l or 0.15% BAC) will show its digital reading.
  - iii. A measurement above 1.50‰BAC (0.75mg/l or 0.15% BAC), "HI" & "NO DRIVING" will flash on the display.
- 5) Press **UP** to convert the alcohol unit but the default unit will resume for another alcohol test.



### Alert Signals

FIT 188 is designed to alert user as following:

- 1) Low Level – For measurement below 0.15‰BAC (0.075mg/l or 0.015% BAC), "LO" will be shown on display with GREEN backlight.
- 2) Safety Level – For measurements between Low Level (>0.15‰BAC (0.075mg/l or 0.015% BAC)) and Pre-alert Level (Warning Level), the alcohol concentration level shows on the display with GREEN backlight.

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- 3) Pre-alert Level – For measurements within 0.15‰BAC (0.075mg/l or 0.015% BAC) below the alert point. The analyzer beeps together with “NO DRIVING” & “HI” flashes alternatively for 4 times and RED backlight flash as well. The LCD will keep the RED backlight for 15 seconds.  
**DON'T DRIVE: You are very close to the alert level or you have reached the alert level if take tolerance of the unit into account**
- 4) Alert Level – For measurements equal to or above the alert concentration level, the analyzer beeps together with “NO DRIVING” & “HI” flashes alternatively for 15 seconds and RED backlight flash as well. The LCD will keep the RED backlight for 15 seconds. The alcohol concentration level displays and “NO DRIVING” will then remain on the LCD with RED color backlight. If reading greater than 1.50‰BAC (0.75mg/l or 0.15% BAC), “HI” & “NO DRIVING” will remain on the LCD with RED backlight. Press [MODE] key can stop the alert sound.  
**YOU ARE PROHIBITED TO DRIVE since you already exceed the alert level.**

**Note:**

- 1) To ensure high precision readings, user should perform the auto-cleaning if unused for a long period. (especially for the first time of using). User can start the auto-cleaning process. Put a few drops of alcohol solvent (<1%) inside the provided cleaning cap accessory. Place the cap onto the gas outlet and then press [ST] key to activate the sensor pre-heating process. The machine will perform a formal alcohol testing as describe in xx.x. After the cleaning process, remove the cleaning cap and let the machine rest for few minute and let all residues off the chamber and Make sure no alcohol residues left by blowing fresh air into the gas inlet before formal testing.
- 2) After any 5 consecutive tests, allow the device to rest for 2 minutes.
- 3) An “Err” flashes on the display for 5 seconds for the following improper operations:-  
 When user does not blow continuously for at least 6 seconds during blowing until a beep sound is heard.  
 User can press **MODE** Key once to stop the alarm sound of Err.
- 4) When the product is unused, please store in a dry environment.
- 5) When low battery inductor flashes, the reading is not valid, please recharge the battery immediately.
- 6) If the difference between two successive reading > 0.1‰BAC (0.05mg/l or 0.01% BAC), user **should** test again.



**Product Specifications:**

1.	Alcohol Range:	0.15-1.50‰BAC; or 0.075-0.75 mg/l; 0.015 ~ 0.150 %BAC
2.	Measuring Temperature Range:	-20°C to 70 °C
2.	Power Input:	3.6V rechargeable battery (Build in)
3.	Operating Temp.:	10°C to 40 °C
4.	Storage Temp.	-10°C to 60 °C
3.	Display:	Digital display with bi-color backlighting
4.	Real time clock power save mode:	2 minutes after any key in
5.	Breath sampling:	About 6 seconds continuous breath sample
6.	Recycle time:	~20 seconds
7.	Weight:	135g
8.	Alert level calibrated:	<input type="checkbox"/> 0. 2‰BAC; <input type="checkbox"/> 0. 3‰BAC <input type="checkbox"/> 0. 5‰BAC; <input type="checkbox"/> 0. 8‰BAC <input type="checkbox"/> 0. 15mg/l ; <input type="checkbox"/> 0. 25mg/l; <input type="checkbox"/> 0. 05%BAC; <input type="checkbox"/> 0. 08% BAC
9.	Agency Approval:	CE
10.	Accessories:	3 pcs blowing tubes 1 pc Auto-cleaning cap

The FIT 188 Digital Alcohol Computer should be used as a general guide to the level of alcohol in your body.

**Many factors (e.g. environment gas residue, smoke & various smells in human mouth, etc...) may affect the BAC level, so the Readings are For Reference Only.**

**Neither the reseller nor manufacturer accept any liability arising from the use of this unit**

**DO NOT drink before you drive!**

Specification subject to change without notice

Made in PRC China.