

**VIAIR® BIKE**

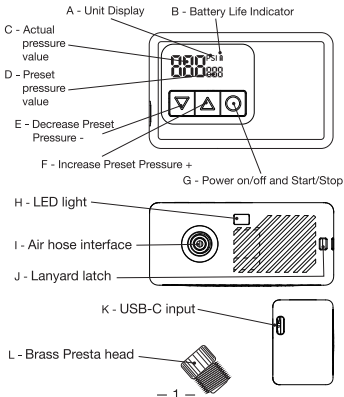
# RECON<sup>®</sup>

## MINI










AIR COMPRESSOR  
**USER MANUAL**

Congratulations on purchasing a quality VIAIR Bike product! The Recon Mini is your new tool to keep road, gravel and MTB tires always at the correct pressure. Please read this user manual before using your air compressor and store it for future reference.

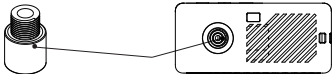


## OPERATION:

- Powering on/off: Long press the  button for 3 seconds.
- Preset Pressure: Use the   buttons to select your desired inflation pressure. The compressor will stop automatically when this pressure is reached.
- Inflation: connect to the valve using the provided Presta or Schrader attachment, then press the  button. The compressor will stop automatically once the preset pressure has been reached. Note: you can stop inflation at any time by pressing the  button.
- LED light on/off: double click the  button to operate the LED light.
- To change the pressure unit: double click the  button to switch between PSI and BAR pressure unit.

## HIGH TEMPERATURE SAFETY PRECAUTION:

- Please be careful when removing the attachments - they may get very hot when the compressor runs for over 45 seconds continuously.



**EXTREME TEMPERATURE**

## CHECKING AIR PRESSURE:

You can use your Recon Mini as a gauge to check the pressure on your tires, MTB forks, sports balls and more! Simply connect it to the valve using the appropriate attachment and the actual pressure will be displayed.



## BATTERY LIFE AND CHARGING:

- Your Recon Mini is equipped with 2\*500mAh (7.4V / 3.7wh) polymer batteries.

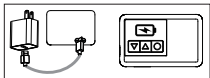
- Battery indicator



- 3 bars: 70%-100%
- 2 bars: 30%-70%
- 1 bar: 5%-30%
- The unit will power off automatically when below 5%



- Charging time from 5% to 100% is 1 hour or less.
- When fully charged, your Recon Mini has a maximum run time of 5 to 7 minutes depending on ambient temperature. The run time is reduced with warmer temperatures.

- The USB-C charging cable included can be connected to a home or vehicle outlet, or any other 12V power source.



## **CALIBRATION AND PRESSURE RESET:**

Large variations in altitude and/or extreme temperatures may cause your Recon Mini to show a higher value than 0 PSI when not connected to an object. To reset your unit and improve pressure accuracy:

- Press and hold   buttons simultaneously for 3 seconds. The display will fully light up and return to normal.
- Turn the unit off, then back on.

## **HANDLING AND CARE:**

- Your Recon Mini comes with a shockproof outer shell that will protect the internals in the event of a heavier fall, however it is not crush-resistant.
- Avoid exposing the compressor to heavy rain and mud, as it has vents through which water and debris can penetrate.
- A lightly damp cloth can be used for cleaning.
- Do not submerge in water.
- Do not leave the compressor unattended during operation.
- Do not store the product in extreme temperature environments.
- Keep it out of children's reach.

## VIAIR BIKE SUGGESTED TIRE PRESSURE CHART:

Use these as a baseline, then make fine adjustments if needed, be sure to check your sidewall for max pressure!

Category	Tire size	Pressure Range
Road	25-28mm	65-80 PSI
	30-32mm	55-70 PSI
Gravel	35-40mm	35-45 PSI
	42-50mm	25-35 PSI
MTB	2.0-2.2	18-25 PSI
	2.4-2.6	12-25 PSI

# TROUBLESHOOTING

Category	Type	Pressure Range
Slow inflation	1- Check the battery level 2- Check tire valve for leaks 3- Check the connecting parts on both ends of the air valve for tightness 4- Check inflatable items for leaks	
Compressor is on but will not inflate	1- Check the battery level 2- Check whether the actual pressure value is higher than the preset pressure value	
The preset pressure cannot be turned up or down further	Check whether the Use Mode is correct. Select Custom Mode to use the full range 2-120 PSI	
Inflation is normal but the pressure value displayed is 0	1- When inflating a flat tire, the pressure value will only show after several seconds. 2- Some low pressure items such as balloons are not within the measurable range of the gauge.	
Air leakage when connected to the hose	1- Check and tighten the hose at the tire valve 2- Check and tighten the air hose interface (twist clockwise until it clicks)	
Battery color indicator during inflation is lower than on standby state	There is a voltage drop in the discharge process of the battery, which leads to an inconsistency	
Power indicator does not appear after connecting to charger	The adapter used might not be compatible with the input voltage of the compressor.	
Power indicator does not appear after connecting to charger	The adapter used might not be compatible with the input voltage of the compressor.	
Slow screen speed	After powering on, the screen still needs 3 seconds, this is a normal part of the programming.	



**FOR WARRANTY INFORMATION GO TO:**



<https://viaircorp.com/pages/warranty>

**TO REGISTER YOUR PRODUCT GO TO:**



<https://viaircorp.com/pages/warranty-registration>

VIAIR CORPORATION

15 EDELMAN • IRVINE, CA 92618

TEL: (949) 585-0011 • FAX: (949) 585-0188

[www.viaircorp.com](http://www.viaircorp.com)



CAUTION: This device is equipped with a built in battery that cannot be removed. Do not disassemble by yourself. Do not expose batteries or battery packs to sunlight, fire or extreme ambient heat environments.