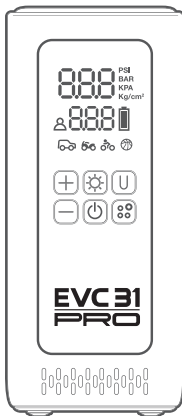




Your Vital Air Source

EVC 31

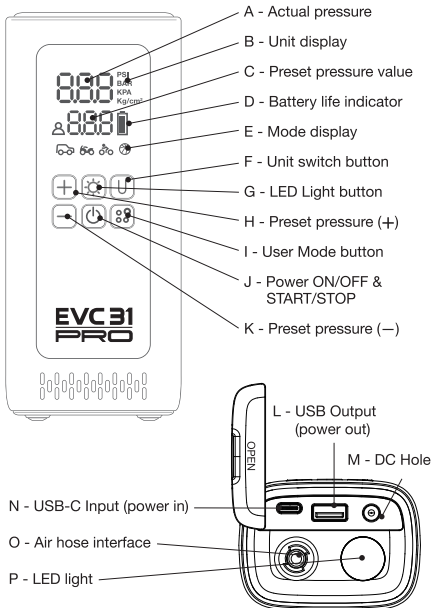
PRO





DIGITAL RECHARGEABLE TIRE INFLATOR

USER MANUAL







Congratulations on purchasing a quality VIAIR product! The EVC31 PRO is your new tool to maintain your vehicle 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
- User Modes: Press the  button to select from the 5 inflation modes available

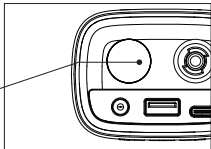
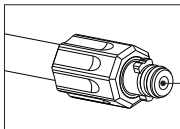
Mode	Default PSI Value	Adjustable Range
Car	35psi	2-65psi
Motorcycle	40psi	2-55psi
Bicycle	38psi	2-160psi
Ball	8psi	2-15psi
Custom	100psi	2-160psi

- Pressure Unit: Press the  button to switch between PSI, KPA, BAR or Kg/cm2
- Preset Pressure: Use the  &  buttons to adjust your desired inflation pressure target. The compressor will stop automatically when this value is reached.
- Inflation: connect to the valve using the provided 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: press the  button to operate the LED light.

HIGH TEMPERATURE SAFETY PRECAUTION:

Please be careful when removing the attachments - they may get very hot when the compressor runs continuously for over 3 minutes.

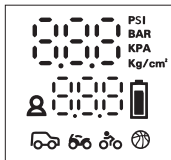
⚠ **EXTREME TEMPERATURE**



BATTERY:

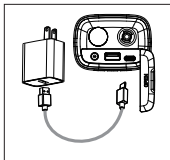
Your EVC31 PRO is equipped with 3*2600mAh batteries.

BATTERY LIFE INDICATOR:



- Green: 70%-100%
- Yellow: 30%-70%
- Red: 5%-30%
- Flashing red: below 5%
- In low power mode, the unit needs to be charged or connected to DC power before use (see Auxiliary port use)
- Charging time to 100%: 2 to 3 hours.

CHARGING:



- Your EVC31 PRO can be used as a power bank for your phone and other small devices! Use the USB-output (power out) to connect to your device, power on the compressor, and the device will start charging.
- To charge the compressor, connect the cable provided to the USB-C input (power in). It can then be connected to any 12V power source such as a home plug or vehicle accessory port.
- Do not use the compressor while it's charging.

AUXILIARY PORT USE:

- If your battery is low, the EVC31 PRO can also be powered from your vehicle's Auxiliary port.
- Simply connect the cord provided to the compressor, then connect to your vehicle's Auxiliary port and power on.
- We recommend having your vehicle running during use to avoid draining the battery.

Note: the compressor cannot be charged using the Auxiliary port.



CALIBRATION AND PRESSURE RESET:

Large variations in altitude and/or extreme temperatures may cause your EVC31 PRO 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 (+ and – symbol) buttons simultaneously for 3 seconds. The display will fully light up and return to normal.
- Turn the unit off, then back on.



ATTACHMENTS PROVIDED:

Schrader Valve:

Nozzle type	Inflation connector
	

Mountain bikes, electric bikes, motorcycles, cars will be equipped with Schrader valve. Connect the Schrader Valve with the Schrader interface on the high pressure air hose to inflate.



Presta Valve Adapter:

Nozzle type	Inflation connector
	

Road bikes and some mountain bikes need to use e Presta Valve adapters when inflating.

1. Connect the Presta valve adapter with the Schrader Valve interface on the high pressure air hose.
2. Unscrew the Presta Valve cap of the tire.
3. The Presta Valve can be connected with the converter to inflate.

Inflation:

Nozzle type	Inflation connector
	

Use a ball needle when inflating basketball, football and other balls. Inflation: press the ball needle and the Schrader Valve interface tightly and insert into the ball to inflate.

HANDLING AND CARE

- 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 RECOMMENDED PRESSURES FOR COMMON APPLICATIONS.

Be sure to check your tire's sidewall and other items markings for maximum pressure ratings!

Category	Type	Pressure Range
Bicycle	City/Cruiser	25-35 PSI
	Road	70-90 PSI
	Mountain	15-25 PSI
Motorcycle	Standard/Sport/ Cruiser	30-42 PSI
Car	Compact/Cross- over	30-38 PSI
Ball	Basketball	7-9 PSI
	Football	10-12 PSI
	Volleyball	4-6 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 2-160 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.	

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



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.