



PUMP 1
VEHICLE TYRES



PUMP 2
LEISURE
INFLATABLES



QUICK RELEASE
VALVE



PORTABLE



11.1 V
2500 MAH
LI-ION
BATTERY



LI-ION CORDLESS RECHARGEABLE VEHICLE/LEISURE INFLATOR

USER GUIDE

THANK YOU FOR PURCHASING THE MICHELIN LI-ION CORDLESS RECHARGEABLE VEHICLE/LEISURE INFLATOR

Please read these operating instructions carefully before using the inflator. Improper use can cause damage to property and possibly harm the user. When using the inflator to inflate tyres ensure the vehicle is parked in a safe location, off the road, with the vehicle hand brake on and where your personal safety is not at risk.

- This inflator can inflate car tyres up to 3,5 bar (45 psi), (do not inflate space saver tyres) motorcycle tyres up to 3,05 bar (44 psi) and bicycle tyres up to 8,3 bar (120 psi). Higher pressures can be achieved in bicycle tyres due to their smaller air volumes compared to car tyres.
- Low pressure items such as air beds and small inflatable toys must ONLY be inflated using the low pressure hose and or adapters provided.

⚠ WARNING! COMPRESSED AIR CAN BE DANGEROUS

- This inflator is not intended for use by persons with lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety.
- Never allow children to use this tyre inflator. Children should be supervised to ensure that they do not play with the inflator.
- Never leave unattended when running.
- Never overinflate.
- Always use in a safe area away from traffic and other dangers.
- **Never run for more than 10 minutes. After each 10 minute run allow inflator to cool for 15 minutes.**

⚠ WARNING! ENSURE CORRECT TYRE PRESSURES

- Correct tyre pressure is vital for road safety.
- Under or over inflated tyres can be dangerous.
- Always ensure that regular weekly checks are carried out to the vehicle manufacturer's recommended pressures including the spare, but excluding space saver tyres. Always check before a long journey or after loading or unloading the vehicle.
- Always check pressures in an ambient temperature, never immediately after a long journey.
- Tyre pressures should be checked when the tyres are "cold". Cold means that the tyres have not run for at least three hours or have been driven less than 1 mile at moderate speed.

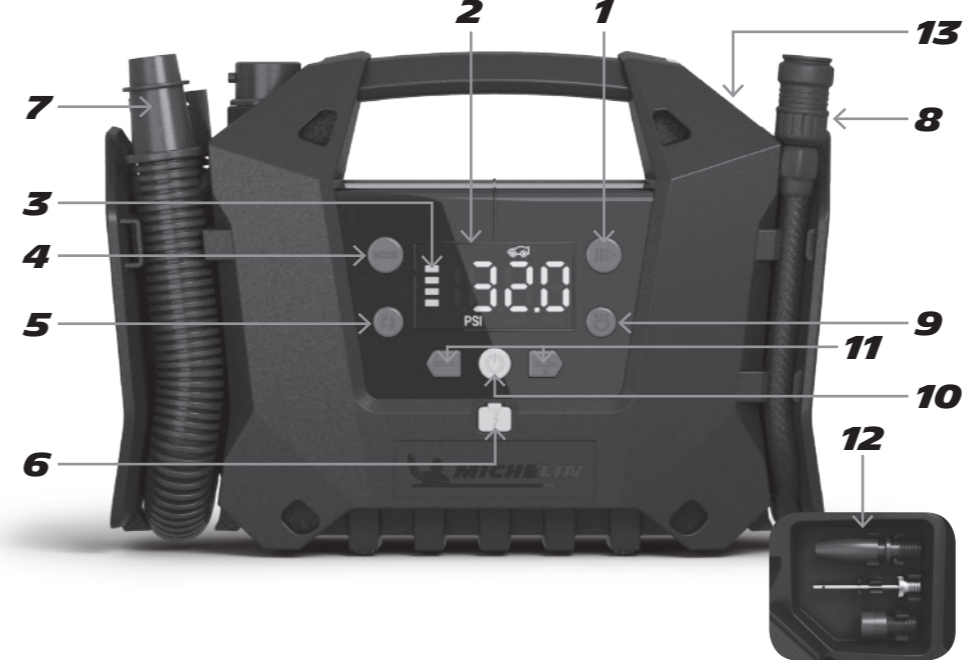
⚠ CAUTION

- Inspect the inflator before each use.
- To reduce the risk of electric shock, do not expose the inflator to water or other liquids. Do not place or store the inflator where it can get wet, fall or be pulled into water.
- Do not kink or block the air hoses while the inflator is running.
- Do not use the inflator if cracked, broken, melted, burnt, wet or any of the components are damaged.
- Only use the adapters supplied with the device.
- The inflator contains no user serviceable parts – Do not open.

THIS PRODUCT CONFORMS TO THE CRITERIA SET OUT IN PROCEDURE 2 AS DEFINED IN ANNEX VI OF DIRECTIVE 2000/14/EC, ROHS DIRECTIVE 2011/65/EU AND EMC DIRECTIVE 2004/108/EC.

MICHELIN LI-ION CORDLESS RECHARGEABLE VEHICLE/LEISURE INFLATOR

OPERATING FEATURES

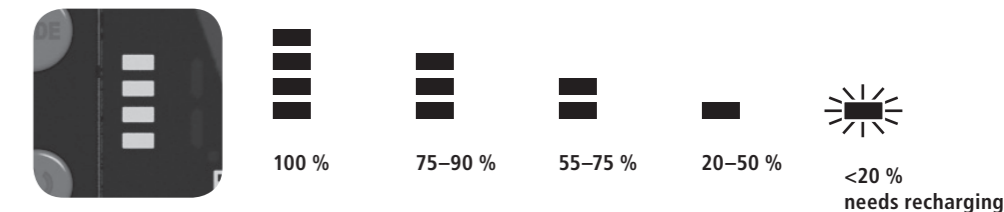


1. Inflation start/stop
2. White LED digital display
3. Battery status indicator
4. High/low pressure selection
5. Inflation selection button
6. Type-C charging port
7. 30 cm (approx.) low pressure air hose
8. 65 cm (approx.) high pressure air hose with quick release valve connector
9. Worklight on/off
10. Power on/off
11. Target pressure adjustment
12. Adapters (snap-in storage at rear of unit)
13. Worklight

SPECIFICATIONS:

Max pressure:	8,27 bar
Pressure accuracy:	0,21~3,45 bar ±0,07 bar; 3,52~6,9 bar ±0,14 bar; 6,96~8,27 bar ±0,21 bar
Pressure resolution:	bar / psi / kPa
Max current:	12 A
Noise level:	90 dB
Low pressure hose length:	30 cm (approx.)
High pressure hose length:	65 cm (approx.)

POWER DISPLAY & CHARGING



CHARGING THE INFLATOR

Open the charging port door (6) and connect the supplied charging cable, connect the other end to a suitable 5 V 2 amp charger (most mobile phone chargers are compatible) and connect to the power supply. Charge to 100 % before first use. Whilst charging the power indicator shows a flow animation indicating charging is taking place. When fully charged the power indicator will have 4 bars illuminated. Charging takes approx. 4 hrs (time varies with different environmental conditions).

A fully charged battery will give approximately 4 inflation cycles from 0–2,4 bar (0–35 psi), based on a 195/65 R 15 tyre. Do not recharge immediately after use. It is recommended to allow the inflator to cool down between 20–30minutes before recharging it.

Note: the built-in lithium-ion battery may be damaged by fully draining the battery.

During operation the power indication (bars) may drop quickly. This is because of battery voltage discharge during inflation. It may return to the pre-inflation level once inflation is complete but it does not affect inflation functionality. If not used for long periods it is recommended to charge every 3 months to maintain battery efficiency.

To conserve power the inflator features a power save mode and will shut down after approx. 120 seconds. Note the inflator does not have a built memory so any personal settings will not be saved.

WORKLIGHT

To switch the worklight on, press (9) the worklight on/off button. To switch off, press (9) again.

CONNECTING THE HIGH-PRESSURE HOSE

SCHRADER VALVE

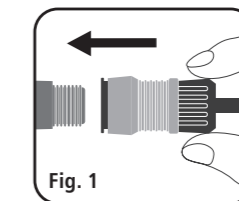


Fig. 1

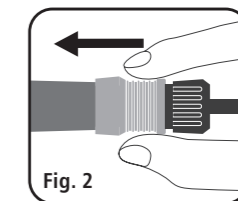


Fig. 2

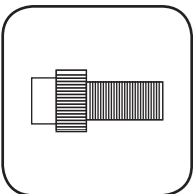
Inflation: the quick release valve (8) can be directly connected to the Schrader Valve by holding the quick release connector at its base (fig1.) and pushing the connector firmly onto the valve. While still pushing forward slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig2.). A successful connection will result with no air escaping (hissing) from the valve. If a hiss occurs remove the connector by holding the grey collar and pulling it back and try again.

ADAPTERS

Included with your MICHELIN Cordless Rechargeable Inflator, on the back of the unit, is a snap-in storage compartment containing various adapters (12), to enable you to inflate other items.

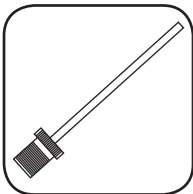
To avoid overinflation, always follow the manufacturer's instructions on the items to be inflated.

PRESTA VALVE ADAPTER



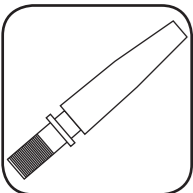
Inflation: Screw the Presta Valve adapter onto the bicycle tyre valve stem. Then holding the quick release connector at its base (fig. 1), push the connector firmly onto the adapter. While still pushing forward, slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig. 2). A successful connection will result when no air escapes (hiss) from the adapter. If a hiss occurs, remove the connector by holding the grey collar, and pulling it back, try again.

NEEDLE ADAPTER



To inflate footballs and other balls, use the needle adapter. To connect the needle adapter to the quick release valve connector, push and hold the needle adapter into the hole of the connector with one hand while holding the quick release connector at its base (fig. 1), push the connector forward. While still pushing forward, slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig.2). The needle valve is now locked into the connector. To remove the needle valve, hold it with one hand and pull the grey collar back with the other hand.

SMALL TOY INFLATOR ADAPTER



Small inflatable toys use the small toy inflator adapter. To connect the adapter to the quick release valve connector, push and hold the adapter into the hole of the connector with one hand while holding the quick release connector at its base (fig. 1). Push the connector forward. While still pushing forward, slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig. 2). The adapter is now locked into the connector. To remove it, hold it with one hand and pull the grey collar back with the other hand.

DUAL HOSES

The inflator has two hoses for two types of inflation:

The high pressure hose (8) for inflating vehicle/bicycle tyres and sports equipment.

The low pressure hose (7) for inflating or deflating low pressure, high volume items like airbeds and small inflatable toys.

Operate the inflator at least 60 cm away from any wall or object that could restrict the flow of fresh air to the ventilation openings in the inflator. The inflator can be operated standing up or lying down.

DIGITAL DISPLAY

The digital display can be used to monitor air pressure when inflating your desired objects.

PRESSURE INDICATION

When the inflator is switched on and connected to the tyre, the current pressure will be displayed on the screen. Tyre pressure reading accuracy +/-1 psi 3 to 50 psi, +/-2 psi 51 to 100 psi, +/-3 psi 101 to 120 psi.

CORRECT TYRE PRESSURES

To ensure safety, please check the recommended pressures by reading the instruction manual provided with your vehicle/cycle/inflatable item. Compressed air can be dangerous. Overinflating can be dangerous and possibly result in injury. Under or overinflated tyres can be dangerous and possibly result in injury.

TYRE INFLATION

Improperly attached hoses or accessories can become detached under pressure and cause serious injury. Possible air leaks can cause faulty pressure readings. Make sure all connections are tightly secured before inflating.

The inflator will stop automatically when the selected pre-set pressure is reached. To stop inflation at any point, press the inflation start/stop button (1).

1. Press and hold the On/Off button for approx. 3 seconds (10), the digital display will illuminate. The default inflation setting is high pressure mode (tyre inflation).
2. Press the inflation selection button (5) for one second to switch between the following five inflation options.

Free mode: (default pre-set):
pressure can be adjusted freely under freemode. Adjustable range: 0,2–8,3 bar (3–120 psi).



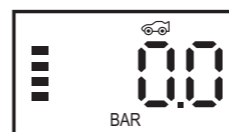
Bicycle mode:
default pressure (flashing) is 3,5 bar (45 psi). Adjustable range: 0,2–8,3 bar (3–120 psi).



Motorcycle mode:
default pressure (flashing) is 2,35 bar (34 psi). Adjustable range: 1,8–3,05 bar (26–44 psi).



Car mode:
default pressure (flashing) is 2,3 bar (32 psi). Adjustable range: 1,8–3,5 bar (26–51 psi).



Ball mode:
default pressure (flashing) is 0,55 bar (8 psi). Adjustable range: 0,3–1,1 bar (4–16 psi).



3. To choose the pressure format, press the inflation selection button (5) for 2–3 seconds to switch between psi / bar / kPa. Each press and hold of the button cycles through the pressure formats. Once the format stops flashing, the new selection is set.
4. Uncoil the high pressure hose (8) and connect the quick release valve connector onto the tyre valve. To do this, hold the quick release connector at its base (fig. 1), push the connector firmly onto the valve. While still pushing forward, slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig. 2). A successful connection will result with no air escaping (hissing) from the valve. If a hiss occurs, remove the connector by holding the grey collar and pulling it back, then try again.

Check the tyre pressure shown on the display. When connected correctly, the gauge will display the current pressure in the tyre. If this is the pressure as stated in your vehicle's handbook, you can simply remove the tyre valve connector (8). If the tyre pressure is lower than the stated pressure and you have previously set the target pressure, press the inflation start/stop button (1) to inflate the tyre.

If you are inflating multiple tyres and the automatic shut-down has activated or you switched the power off between tyres, you have to reset the inflation mode, pressure format and target pressure (if different from the default settings). The inflator does not have an inbuilt memory.

TO SET A TARGET PRESSURE

The default pressure is psi. To change to bar or kPa, press and hold the inflation selection button (5) for 3 seconds. The pressure will then change to bar. Press and hold again for kPa. Once the format stops flashing, the new selection is set. To change the air pressure, press the +/- (11) buttons to increase or decrease the pressure setting in 0.5 psi / 0.1 bar / 5 kPa increments. Press and hold the + or - buttons and the target value will change rapidly. Release to stop. Once the display stops flashing, the pressure is set.

Note: This inflator does not have an automatic deflate feature. To deflate an over-inflated tyre, the quick release connector will need to be removed and air bled from the tyre valve.

INFLATING LOW PRESSURE ITEMS

You can inflate or deflate low pressure, high volume items such as airbeds and small inflatable toys with this inflator.

1. Press the On/Off button (10) the digital display will illuminate. The default inflation setting is high pressure mode (tyre inflation). To change this the inflator needs to be on, then press MODE high/low pressure selection button (4) the inflator will switch to the other mode (low pressure) and the display will show a flowing arrow below the remaining battery capacity display, as below.



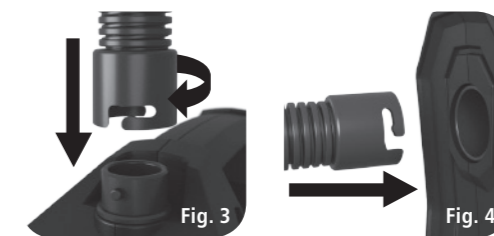
2. Remove and connect the low pressure hose onto the inflation port as shown (fig. 3). Align the slots in the hose to the pins on the air output port and twist clockwise as far as it will turn to lock the hose on. Now connect the other end of the hose to the item to be inflated. If the item has a small air valve use the pinch valve adapter that is attached to the end of the low pressure hose. Insert this into the hose end and then into the item to be inflated ensuring that the tip is inserted past the inner "flap" inside the valve of the item to be inflated.
3. Press the inflation start/stop button (1) to start inflating. Once inflation is complete remove and store the low pressure hose back into the mount on the inflator.

The inflator will shut off automatically when it runs continuously for 10 minutes. In that case, rest the inflator for 15 minutes to cool down before using again.

DEFLATING LOW PRESSURE ITEMS

1. Press the power on/off button (10) to switch the unit on. If the unit was last used in high pressure (tyre inflation mode), press the MODE high/low pressure selection button (4) to switch to low pressure mode. The display will show a flowing arrow below the remaining battery capacity display. Remove the low pressure hose from its mount and push the end with the slots into the deflator port (fig. 4).
2. Press the inflation start/stop button (1) to start deflating. Once deflation is complete, remove and store the low pressure hose back into the mount on the inflator. The inflator will shut off automatically when it runs continuously for 10 minutes. In that case, rest the inflator for 15 minutes to cool down before using again.

The deflating function only works in low pressure mode for items such as airbeds and small inflatable toys. This function does not work in high pressure (tyre inflation) mode.



TROUBLE SHOOTING

Inflator has been turned on but cannot inflate.	<ul style="list-style-type: none"> Check if the battery is charged. Check whether the current tyre pressure is higher than the pre-set pressure
Slow inflation speed	<ul style="list-style-type: none"> Check if the battery is charged. Check the hose has no air eakage Check the quick release valve is connected correctly. Possible slow puncture.
The product is operating normally but the pressure is shown to be zero.	<ul style="list-style-type: none"> Sporting goods: basketball, football and other low-pressure inflatable products are not within the measuring range of the inflator. Check the air nozzle is inserted correctly.
There is air leakage when the high-pressure hose (9) is connected to the tyre valve.	<ul style="list-style-type: none"> Check the quick release valve is connected correctly.
With the quick release valve connector (8) connected to the tyre valve, but the On/Off button (10) isn't pressed, inflator shuts off.	<ul style="list-style-type: none"> The inflator will automatically shut down after 2 minutes if not used. Pressing and holding the On/Off button (10) for 10 seconds will turn the inflator on again.
The power indicator, when running, is inconsistent from when in standby.	<ul style="list-style-type: none"> This is because the battery voltage discharges during the inflation process. This inconsistency will not affect the functionality of the inflator.
For all other issues please call the helpline: Helix Automotive Service-Hotline +49 (0) 7131 27588-44	

Please retain these instructions for future reference.

CONVERSION CHART

bar	psi	kPa
0,7	10	69
1,4	20	138
2,1	30	207
2,8	40	276
3,5	50	345
4,1	60	414
4,8	70	483
5,5	80	552
6,2	90	621
6,9	100	689
7,5	110	758
8,3	120	828

EN: USER GUIDE – FR : MODE D'EMPLOI – IT: MANUALE D'USO – ES: MANUAL DE USUARIO – TR: KULLANIM KILAVUZU



MICHELIN CORDLESS BATTERY-POWERED COMPRESSOR

<https://www.helix-automotive.com/qr/61014/userguide/en/>



MICHELIN COMPRESSEUR SANS FIL À BATTERIE

<https://www.helix-automotive.com/qr/61014/userguide/fr/>



MICHELIN COMPRESSORE SENZA FILI A BATTERIA

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MICHELIN COMPRESOR INALÁMBRICO CON BATERÍA RECARGABLE

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MICHELIN KABLOSUZ AKKU KOMPRESÖR

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Customer enquiries

We're at your service. Let us help you find a better way forward.

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