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› [MICHELIN 12V High Performance Programmable Rapid Tyre Inflator User Manual](#)

**MICHELIN 27012**

# **MICHELIN 12V High Performance Programmable Rapid Tyre Inflator User Manual**

Model: 27012

## **INTRODUCTION**

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The MICHELIN 12V High Performance Programmable Rapid Tyre Inflator is designed for efficient and precise tyre inflation. This device features advanced programmable technology, a quick-release connector, and a clear digital display, making tyre maintenance straightforward and reliable. It is suitable for various inflation needs, including car tyres, bicycle tyres, sports balls, and other inflatable items.



Image: The MICHELIN 12V High Performance Programmable Rapid Tyre Inflator shown with its product packaging.

## SAFETY INFORMATION

- Always read and understand the full instruction manual before operating the device.
- Ensure the vehicle engine is running when using the inflator to prevent draining the vehicle's battery.
- Do not leave the inflator unattended during operation.
- Keep out of reach of children.
- Avoid over-inflating. Always refer to the vehicle or item manufacturer's recommended pressure.
- Do not operate the inflator if it is damaged or has been dropped.
- Ensure proper ventilation during use.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- MICHELIN 12V High Performance Programmable Rapid Tyre Inflator
- 50cm High-Pressure Air Hose with Quick-Release Connector
- 300cm Power Cord (12V DC)
- Adapters for bicycle tyres, airbeds, and sports balls
- User Manual (this document)

## PRODUCT OVERVIEW

Familiarize yourself with the components of your MICHELIN Tyre Inflator:

- **Large White LCD Digital Display:** Provides clear and accurate pressure readings.
- **Selection Buttons:** Used to set desired pressure and switch between PSI, BAR, and KPA.
- **Deflation Valve:** Allows for precise pressure adjustment.
- **High-Intensity COB Worklight:** For illumination in low-light conditions.
- **Quick-Release Connector:** For secure and effortless attachment to tyre valves.
- **Integrated Hose Storage:** For convenient and clutter-free storage.



Image: Key features of the inflator, including the digital display, selection buttons, deflation valve, and COB worklight.

# HIGH AIR PRESSURE HOSE WITH QUICK-RELEASE CONNECTOR

LENGTH APPROX. 50CM



Image: Close-up view of the high air pressure hose with its quick-release connector, demonstrating how it attaches to a tyre valve.

Your browser does not support the video tag.

Video: A brief product overview demonstrating the compact design, programmable technology, 12V power, and multiple attachments of the MICHELIN 12V Rapid Tyre Inflator.

## SETUP

- Connect Power:** Plug the 12V power cord into your vehicle's 12V accessory socket. Ensure the vehicle engine is running.
- Uncoil Hose:** Uncoil the high-pressure air hose from its integrated storage.
- Select Adapter (if needed):** For items other than standard car tyres (e.g., bicycles, sports balls), select the appropriate adapter and securely attach it to the quick-release connector.

## OPERATING INSTRUCTIONS

## Inflating a Tyre:

- 1. Attach Connector:** Securely attach the quick-release connector (or adapter) to the tyre valve stem. Ensure a tight seal to prevent air leakage.
- 2. Power On:** Press the power button on the inflator. The LCD digital display will illuminate and show the current tyre pressure.
- 3. Set Desired Pressure:** Use the '+' and '-' buttons to set your target pressure. The display is accurate to within +/- 1 PSI up to 50 PSI. You can switch between PSI, BAR, and KPA units using the appropriate selection button.
- 4. Start Inflation:** Once the preset pressure is set, the inflator will automatically begin inflating.
- 5. Automatic Shut-off:** The inflator will automatically stop once the preset pressure is reached.
- 6. Disconnect:** Carefully remove the quick-release connector from the tyre valve.
- 7. Store:** Coil the air hose back into its integrated storage and store the power cord.



Image: A composite image showing the inflator being held, placed on the ground, and the quick-release connector being attached to a tyre valve, illustrating the ease of use.

## Using the COB Worklight:

The built-in high-intensity COB worklight can be activated independently for use in low-light conditions or emergencies. Refer to the device's buttons for worklight activation.

## MAINTENANCE

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- Cleaning:** Wipe the inflator with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Storage:** Store the inflator in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the hose and power cord are properly coiled to prevent damage.
- Hose and Cord Inspection:** Regularly inspect the air hose and power cord for any signs of wear, cuts, or damage. Do not use if damaged.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Inflator does not turn on.	No power from 12V socket; vehicle engine not running; faulty connection.	Ensure 12V socket is functional. Start vehicle engine. Check power cord connection.
Air leaks from connection point.	Connector not properly attached; worn valve stem.	Ensure quick-release connector is fully seated and locked onto the valve stem. Inspect valve stem for damage.
Inflator runs but no air inflates.	Hose kinked or blocked; internal malfunction.	Check hose for kinks or obstructions. If problem persists, contact customer support.
Inaccurate pressure reading.	Sensor calibration issue; external factors.	Ensure the inflator is on a stable surface. If consistently inaccurate, contact customer support.

## SPECIFICATIONS

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- Model Name:** Michelin 12v High Performance Tyre Inflator
- Model Number:** 27012
- Power Source:** 12V DC (Corded Electric)
- Maximum Pressure:** 150 PSI (for cycle tyres)
- Accuracy:** +/- 1 PSI up to 50 PSI
- Air Flow Capacity:** 12 L/minute @ 30 PSI
- Hose Length:** Approximately 500mm (50cm) braided air hose
- Power Cord Length:** Approximately 300cm
- Item Weight:** 1.13 Kilograms
- Material:** Plastic
- Color:** Black
- Operation Mode:** Automatic
- Features:** Programmable pre-set function, Deflation valve, Multi-user programmable function, Large easy to read dynamic LCD digital display, 4W COB super-bright worklight.

## WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the warranty card included with your product or visit the

official MICHELIN website. Keep your proof of purchase for any warranty claims.

**Online Support:** [Visit the MICHELIN Store on Amazon](#)

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