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› [Magicshine AIRRO MP120 Mini Electric Bike Pump Instruction Manual](#)

Magicshine AIRRO MP120

Magicshine AIRRO MP120 Mini Electric Bike Pump Instruction Manual

INTRODUCTION

The Magicshine AIRRO MP120 Mini Electric Bike Pump is a compact and efficient inflation device designed for various tire types and sports balls. It features a powerful brushless motor, delivering a maximum pressure of 120 PSI for rapid inflation. The integrated high-accuracy sensor and LED display provide real-time pressure and battery status, allowing for precise adjustments. With its smart auto-stop function, the pump automatically ceases operation once the preset pressure is reached, preventing over or under-inflation. Its ultra-portable design and comprehensive accessories make it suitable for diverse inflation needs.

WHAT'S IN THE BOX

What's in the Box?

- | | | |
|--------------------------|---------------------------|----------------|
| 1 AIRRO Bike Pump | 2 Silicone Case | 3 User Manual |
| 4 Waterproof Storage Bag | 5 Box | 6 Type-c Cable |
| 7 Presta Valve Converter | 8 Schrader Valve Air Hose | 9 Ball Needle |
| 10 Presta Adapter | 11 Schrader Adapter | |



Image: All components included in the Magicshine AIRRO MP120 package.

- AIRRO MP120 Bike Pump
- Presta Adapter
- Schrader Adapter
- Schrader Valve Air Hose
- Presta Valve Converter
- Silicone Case
- User Manual
- Waterproof Storage Bag
- Type-C Cable
- Ball Needle

SETUP

Charging the Pump



Image: The AIRRO MP120 pump being charged via its USB Type-C port.

Before initial use, fully charge the AIRRO MP120 pump. Connect the provided Type-C cable to the pump's charging port and a compatible USB power source. A full charge for the 7.4V 500mAh battery typically takes approximately 45 minutes.

Attaching Adapters and Hose

The pump comes with various adapters for different valve types (Presta, Schrader) and for inflating balls. Select the appropriate adapter for your item. For bicycle tires, attach the Schrader Valve Air Hose to the pump, then screw the correct valve adapter (Presta or Schrader) onto the hose. The hose is designed to swivel, making connection easier.

Connecting to the Valve

Securely attach the assembled hose and adapter to the tire valve. Ensure a tight connection to prevent air leakage during inflation.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button for a few seconds to turn the pump on. The LED display will illuminate, showing the current pressure and battery level. To turn off, press and hold the power button again.

Setting Desired Pressure

AUTO STOP INFLATION
No over-inflation risk, auto OFF at accurate tire pressure

2025 NEW

1 Max 120 PSI (8.3 BAR)
2 Real-Time Pressure Monitoring
3 ± 1 PSI / ± 0.1 BAR Accuracy
4 Switch Between PSI/BAR Instantly

Pressure Value: 120
Battery Level: []
Pressure Unit: BAR PSI

Image: The digital display of the AIRRO MP120 pump, highlighting pressure settings and accuracy.

Use the '+' and '-' buttons to adjust the desired pressure (PSI/BAR) on the LED display. The pump features a

high-accuracy sensor (± 1 PSI) for precise inflation. You can switch between PSI and BAR units as needed.

Initiating Inflation



Image: The AIRRO MP120 pump inflating a bicycle tire, demonstrating its powerful and efficient operation. Once the desired pressure is set, press the power button to begin inflation. The pump will operate until the target pressure is reached.

Automatic Stop Function

The AIRRO MP120 is equipped with a smart auto-stop feature. It will automatically stop inflating once the preset PSI or BAR target is achieved, preventing over-inflation and ensuring optimal pressure.

Official Product Video: AIRRO Bike Pump

Your browser does not support the video tag.

Video: A demonstration of the Magicshine AIRRO Bike Pump's features and operation, including inflation of various items.

MAINTENANCE

Charging and Battery Care

Regularly charge the pump to maintain battery health. The 7.4V 500mAh battery provides enough power for 3-4 full charges of a standard road bike tire at 80 PSI. Use the Type-C fast charging feature for quick power-ups.

Heat Management

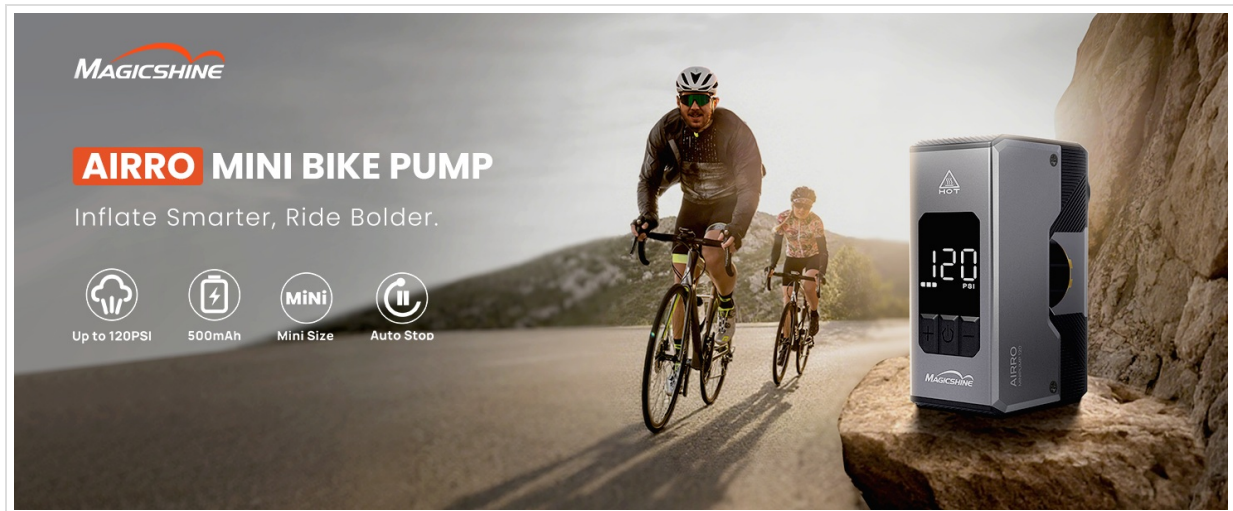


Image: The AIRRO MP120 pump with its silicone case, illustrating how it protects against heat during operation. During extended use, the pump's nozzle and surrounding area may become warm. Utilize the included silicone sleeve to prevent direct contact with heated surfaces and allow the pump to cool down between uses if necessary.

Cleaning and Storage



Image: The waterproof storage bag for the AIRRO MP120 pump, demonstrating its water-resistant properties. Keep the pump clean by wiping it with a dry cloth. Store the pump and its accessories in the provided waterproof storage bag to protect it from dust and moisture, especially when carrying it in bike bags.

TROUBLESHOOTING

Inaccurate Pressure Readings

If the pump's digital gauge appears to read inaccurately, ensure the adapter is fully and securely attached to the valve. A loose connection can lead to incorrect readings. If discrepancies persist, verify with a separate, calibrated pressure gauge.

Pump Not Inflating

Check the battery level on the LED display. If the battery is low, recharge the pump. Ensure the valve connection is secure and the correct adapter is being used for the item you are inflating.

Overheating During Use

If the pump becomes excessively warm, especially the nozzle area, allow it to cool down before continuing. Always use the silicone sleeve to protect your hands from heat. Prolonged continuous operation can cause temporary overheating.

SPECIFICATIONS

Feature	Specification
Brand	Magicshine
Model Name	AIRRO MP120
Maximum Pressure	120 PSI (8.3 BAR)
Pressure Accuracy	±1 PSI
Power Source	Battery Powered
Battery Type	Lithium-ion
Battery Capacity	7.4V 500mAh
Charging Time	Approx. 45 minutes (Type-C Fast Charging)
Material	Aluminum, Plastic
Weight	145g
Dimensions	5.31 x 3.15 x 2.52 inches (Item Package)

Working Performance (Reference Data)

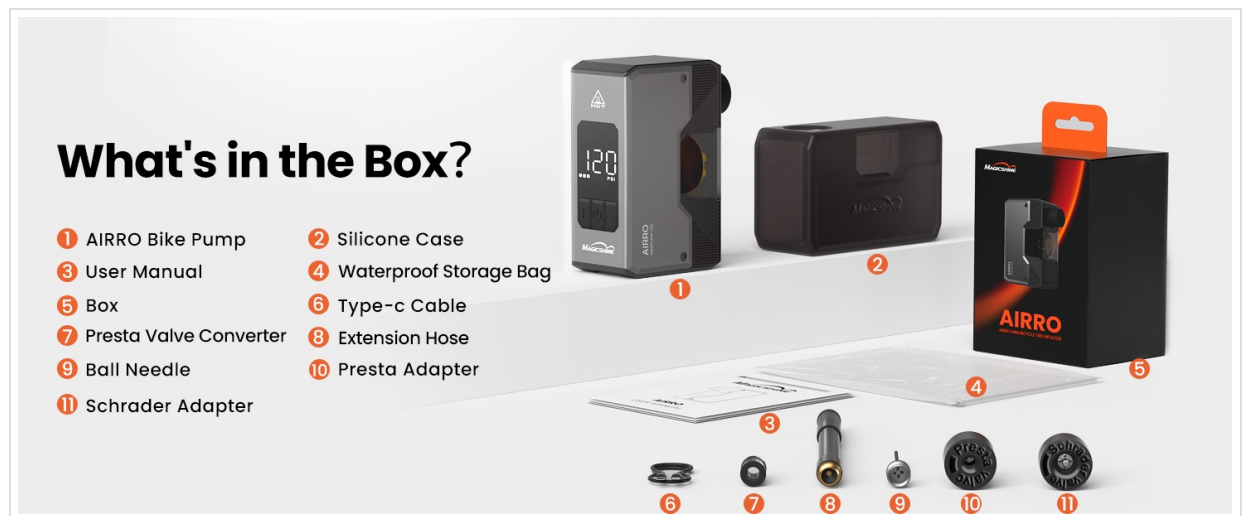


Image: Performance table detailing inflation times and number of uses for different tire types and pressures.

WARRANTY

The Magicshine AIRRO MP120 Mini Electric Bike Pump comes with a 2-Year Manufacturer Warranty. Please retain your proof of purchase for warranty claims.

SUPPORT



Image: Support contact information for Magicshine products.

For any inquiries, technical assistance, or support, please contact Magicshine customer service at amazon@magicshine.com. You can also download the Magicshine APP via iOS/Android Store for additional features and updates.