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MARSOSAUR MSR6V03 Electric Caulking Gun User Manual

Model: MSR6V03 | Brand: MARSOSAUR

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your MARSOSAUR MSR6V03 Electric Caulking Gun. Please read this manual thoroughly before use and retain it for future reference. This cordless silicone tool gun features a non-drip mechanism, constant flow technology, and an integrated LED light, designed for various caulking applications.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Keep the work area clean and well-lit.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool.
- Use appropriate personal protective equipment, including safety glasses, gloves, and respiratory protection if necessary.
- Ensure the battery is correctly installed before operation.
- Do not force the tool. Use the correct tool for your application.
- Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.

3. PRODUCT COMPONENTS

Familiarize yourself with the parts of your electric caulking gun:

- Caulking Gun Body (Motorized unit)
- Plunger Rod

- Caulk Cartridge Holder
- Trigger with Speed Control
- LED Work Light
- Battery Compartment (for 4x 1.5V AA batteries)
- Non-Drip Mechanism
- Trigger Lock Feature



Figure 3.1: Overview of the MARSOSAUR MSR6V03 Electric Caulking Gun.

4. SETUP AND PREPARATION

4.1 Battery Installation

1. Ensure the caulking gun is turned off.
2. Open the battery compartment.
3. Insert four (4) 1.5V AA batteries, ensuring correct polarity.
4. Close the battery compartment securely.

Powerful Motor **300KG** of Push Force



4 AA Batteries
for Long-time Continuous Work

Figure 4.1: Battery installation for the caulking gun. The image shows the gun with a transparent view of the internal gears and a separate image of four AA batteries, indicating power source.

4.2 Loading a Caulk Cartridge

1. Pull the plunger rod fully back by pressing the release button (if applicable) or manually retracting it.
2. Prepare the caulk cartridge:
 - Cut the tip of the caulk nozzle at a 45-degree angle to the desired bead size.
 - Puncture the inner seal of the cartridge using a long nail or the integrated puncture tool (if available).
3. Insert the prepared caulk cartridge into the holder, nozzle first.
4. Push the plunger rod forward until it makes contact with the back of the cartridge.

Anti-Drip Design



Figure 4.2: The caulking gun demonstrating its anti-drip design with auto-retract feature.

5. OPERATING INSTRUCTIONS

5.1 Powering On and Speed Control

The caulking gun is activated by pressing the main trigger. The constant flow technology ensures a steady bead. Some models may feature adjustable speed settings for different applications.

Your browser does not support the video tag.

Video 5.1: Demonstrates the operation of an electric caulking gun, highlighting its features like precise application, variable speed control, and anti-drip function.

5.2 Applying Caulk

1. Position the nozzle at the starting point of your application area.
2. Press the trigger to begin dispensing caulk. Move the gun steadily along the seam or gap.
3. Release the trigger to stop the flow. The non-drip mechanism will retract the plunger slightly to prevent excess caulk

from oozing out.

4. For continuous application, utilize the trigger lock feature by engaging the lock button while the trigger is pressed.



Figure 5.1: The caulking gun featuring a built-in LED light for improved visibility and a lock-on switch for continuous operation.

5.3 Using the LED Light

The integrated LED light illuminates your work area, which is particularly useful in dimly lit spaces or for detailed applications. The light activates automatically when the trigger is pressed or can be manually activated on some models.

Your browser does not support the video tag.

Video 5.2: Showcases the electric caulk gun's drip-free operation and integrated LED light for enhanced visibility during application.

6. MAINTENANCE

- After each use, remove the caulk cartridge.
- Clean any excess caulk from the nozzle and plunger rod.

- Store the tool in a dry, safe place away from direct sunlight and extreme temperatures.
- Regularly check the battery contacts for corrosion and clean if necessary.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Gun not dispensing caulk.	Dead or low batteries; clogged nozzle; unpunctured inner seal.	Replace batteries; clear nozzle; puncture inner seal.
Inconsistent caulk flow.	Low battery power; incorrect nozzle cut; old/hardened caulk.	Replace batteries; re-cut nozzle; use fresh caulk.
Caulk continues to drip after trigger release.	Non-drip mechanism malfunction; excessive pressure.	Ensure plunger is clean; release trigger fully. If problem persists, contact customer service.

8. SPECIFICATIONS

Feature	Detail
Model Number	MSR6V03
Power Source	4 x 1.5V AA Batteries (not included)
Thrust Force	300 KG
Working Time	180+ minutes (with fresh batteries)
Weight	0.9 kg (1.98 lbs)
Material	Steel + Plastic
Cartridge Size Compatibility	10oz / 300ml
Special Features	Non-Drip Mechanism, Constant Flow Technology, LED Light, Trigger Lock

9. WARRANTY AND SUPPORT

Your MARSOSAUR MSR6V03 Electric Caulking Gun comes with a 120-month (10-year) warranty. For any questions, technical support, or warranty claims, please contact our customer service team. We are available 7 days a week, 24 hours a day to assist you.

Contact Information: Refer to your product packaging or the official MARSOSAUR website for the most up-to-date contact details.

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