

Mega-Catch MCA-900

Mega-Catch Alpha Pro 900 Mosquito Trap Instruction Manual

Model: MCA-900

Brand: Mega-Catch

1. INTRODUCTION

The Mega-Catch Alpha Pro 900 is an advanced mosquito and flying insect trap designed for both outdoor and indoor use in small yards, patios, and gardens. This device utilizes patented technology to attract, trap, and eliminate various biting insects, including mosquitoes, sand flies, black flies, and biting midges, thereby helping to reduce their populations over time.

The trap employs a multi-faceted approach to insect attraction, combining visual, thermal, and chemical cues to maximize effectiveness. Its robust design ensures reliable performance in various environments.

2. SAFETY INFORMATION

- Read all instructions thoroughly before operating the device.
- Keep the trap out of reach of children and pets.
- Do not immerse the unit in water or expose it to heavy rain.
- Use only the power adapter supplied with the unit. Using an incorrect adapter may cause damage or fire.
- Ensure the power cord is not damaged or frayed. Do not operate the unit with a damaged cord.
- Unplug the trap from the power outlet before cleaning or performing any maintenance.
- Do not attempt to service the internal components of the trap. Refer all servicing to qualified personnel.
- Place the trap on a stable, level surface to prevent tipping.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Mega-Catch Alpha Pro 900 Trap Unit
- Power Adapter
- Catch Bag
- Octenol Lure (Fragrance Strip)

4. SETUP

4.1 Unpacking and Placement

Carefully remove all components from the packaging. The Mega-Catch Alpha Pro 900 is designed for optimal performance in small patios, gardens, and yards. For best results, place the trap:

- Away from areas where people gather, ideally 30-40 feet away.
- In a shaded, moist area, such as near shrubs or bushes, where mosquitoes tend to rest.
- On a stable, level surface.
- Near known mosquito breeding sites, if possible.

4.2 Installing the Octenol Lure

The Octenol lure enhances the trap's effectiveness by mimicking human breath. To install:

1. Locate the Octenol dispenser at the base of the trap.
2. Open the dispenser and insert the Octenol fragrance strip.
3. Close the dispenser securely.

4.3 Connecting Power

Connect the power adapter to the trap and then plug it into a suitable outdoor-rated electrical outlet. Ensure the connection is secure.



Image: The Mega-Catch Alpha Pro 900 Mosquito Trap. This black, cylindrical device features a vented top section and a sturdy base with three feet. A blue LED light is visible through the top vents, indicating operation. A label on the front displays 'Mega-Catch ALPHA MCA-910 PRO 900 Series'.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Once plugged in, the trap will automatically power on and begin its operation cycle. There is no manual on/off switch. To turn off the trap, simply unplug it from the power source.

5.2 How the Trap Works

The Alpha Pro 900 employs a sophisticated system to attract and capture mosquitoes and other biting insects:

- **Visual Cues:** A digitally controlled LED display array pulses light in both visible and invisible spectrums at oscillating frequencies. These frequencies are known to attract a wide range of mosquito species, as well as sand flies, black flies, and biting midges.
- **Thermal Cues:** A powerful central core heat system generates heat pulses, mimicking the subtle changes in human body temperature. As insects approach, their thermal sensors detect this infrared signature, drawing them closer to the trap.
- **Chemical Cues:** The Octenol lure emits an air plume enriched with a known mosquito attractant, guiding insects towards the trap's base.
- **Capture Mechanism:** Once insects are drawn into the trap, they are swept through a fan and into the catch bag, where they are contained and eventually perish.

For optimal results, allow the trap to run continuously, especially during peak insect activity hours (dusk and dawn).

Your browser does not support the video tag.

Video: Official demonstration of the Mega-Catch Alpha Trap. This video illustrates the various attraction methods, including LED lights, heat, and Octenol, and shows how mosquitoes are drawn into the trap and captured in the collection bag.

6. MAINTENANCE

6.1 Emptying the Catch Bag

The catch bag should be emptied regularly, depending on the insect population in your area. It is recommended to check the bag weekly. To empty:

1. Unplug the trap from the power source.
2. Carefully remove the catch bag from the bottom of the unit.
3. Dispose of the trapped insects.
4. Reattach the catch bag securely to the trap.

6.2 Replacing the Octenol Lure

The Octenol lure typically lasts for approximately 30 days. Replace it monthly for continuous effectiveness. Follow the installation steps in Section 4.2.

6.3 Cleaning the Unit

Periodically wipe down the exterior of the trap with a damp cloth to remove dust and debris. Ensure the vents are clear of obstructions. Do not use harsh chemicals or abrasive cleaners.

7. TROUBLESHOOTING

If you encounter issues with your Mega-Catch Alpha Pro 900, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Trap not turning on	No power, faulty power adapter, damaged cord.	Check power outlet. Ensure power adapter is securely connected. Inspect power cord for damage. If issues persist, the power supply may need replacement.
Low catch rate	Incorrect placement, old Octenol lure, high wind, competing light sources.	Relocate the trap to a more suitable area (shaded, moist, away from human activity). Replace the Octenol lure if it's older than 30 days. Ensure the trap is not exposed to excessive wind or bright competing lights.
Fan not operating	Obstruction, fan motor failure.	Unplug the unit and check for any debris obstructing the fan. If the fan still does not operate after clearing obstructions, contact customer support for assistance.

8. SPECIFICATIONS

- **Brand:** Mega-Catch
- **Model:** MCA-900
- **Product Dimensions:** 9 x 9 x 12 inches
- **Item Weight:** 4.09 pounds
- **Material:** Metal
- **Is Electric:** Yes
- **Target Species:** Fly, Mosquito
- **Unit Count:** 1.0 Count
- **UPC:** 874296000484

9. WARRANTY AND SUPPORT

Mega-Catch stands behind the quality of its products. While specific warranty terms are not detailed here, the manufacturer has a history of excellent customer service, including replacing units under warranty. For warranty claims, technical support, or any questions regarding your Mega-Catch Alpha Pro 900, please contact Mega-Catch customer service directly.

Please retain your proof of purchase for any warranty claims.