

Redkey A10

Redkey A10 Wireless Cat Water Fountain User Manual

Model: A10 | Brand: Redkey

1. INTRODUCTION

Thank you for choosing the Redkey A10 Wireless Cat Water Fountain. This device is designed to provide your pet with a continuous supply of fresh water, promoting hydration and well-being. Featuring a wireless design, long-lasting battery, and intelligent water management, the Redkey A10 offers convenience and peace of mind. Please read this manual thoroughly before use to ensure proper operation and maintenance.



Image 1.1: The Redkey A10 Wireless Cat Water Fountain, fully assembled and ready for use.

2. PRODUCT FEATURES

- **Wireless & Long Battery Life:** Enjoy the flexibility of placing the fountain anywhere without tangled cables. The integrated 4000 mAh rechargeable battery provides up to 60 days of use on a full charge, ensuring continuous water access even during power outages or short trips.
- **4L Capacity & Separation System:** The fountain features a 4-liter clean water reservoir, reducing the frequency of refills. Its unique clean/waste water separation system prevents contamination, ensuring your pet always drinks fresh water. This design eliminates the need for cotton filters, reducing maintenance costs.
- **Silent Operation:** Operating at a low noise level of only 20 dB, the fountain creates a calm environment, suitable for bedrooms or sensitive pets.
- **Smart Water Flow Control & Infrared Detection:** Water flow duration adjusts automatically based on battery voltage for stable performance. An infrared sensor detects your pet's presence, pausing the water flow while they drink and reactivating it after 70 seconds of accumulated drinking time, followed by a 1-minute delay. If no presence is detected, the fountain operates on a preset timing logic to ensure stable and continuous water distribution.
- **Easy to Clean & Assemble:** Designed for simple maintenance, the fountain can be fully

disassembled and reassembled in minutes without tools. It includes two disposable water bowls to reduce cleaning frequency, ideal for travel or busy schedules.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- Redkey A10 Wireless Cat Water Fountain (Main Unit)
- USB Charging Cable
- Disposable Water Bowls (x2)
- User Manual

4. SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Initial Cleaning:** Before first use, wash all parts that come into contact with water (water reservoir, top tray, etc.) with mild soap and water. Rinse thoroughly to remove any soap residue.
3. **Assemble:** Place the pump unit into its designated slot in the main body. Position the top tray onto the main body, ensuring it is securely seated. The fountain is designed for tool-free assembly.
4. **Charge Battery:** Connect the USB charging cable to the fountain's charging port and plug it into a suitable USB power adapter (not included). Charge the fountain fully before first use. The charging indicator light (if present) will show charging status.
5. **Fill with Water:** Fill the clean water reservoir with fresh tap water up to the MAX fill line. Do not overfill.
6. **Placement:** Place the assembled fountain on a flat, stable surface in an area accessible to your pet. Ensure the infrared sensor is not obstructed.

5. OPERATING INSTRUCTIONS

The Redkey A10 fountain is designed for intelligent, automatic operation.

- **Power On/Off:** Press the power button (location may vary, refer to product diagram if available) to turn the fountain on or off. Upon powering on, the device automatically performs a draining and filling cycle to prepare clean water.
- **Infrared Sensor Detection:** The built-in infrared sensor detects your pet when it approaches the fountain. When a pet is detected, the water flow will activate.
- **Automatic Water Refresh Cycle:**
 - If the infrared sensor detects your pet drinking for a cumulative total of 70 seconds, the device will wait an additional 1 minute (to account for pet drinking habits) and then automatically execute a draining and filling cycle to refresh the water.
 - If no pet drinking is detected for a cumulative 70 seconds, the device will automatically perform a draining and filling cycle every 4 hours after the last refill to ensure fresh water is always available.
- **Voltage-Based Flow Duration:** The duration of water flow is automatically adjusted based on the battery voltage to maintain stable performance:
 - At 2.8-2.92 V: Water flows for 17 seconds.

- At 2.92-3.2 V: Water flows for 14-17 seconds.
- At 3.2-3.4 V: Water flows for 14 seconds.

6. MAINTENANCE

Regular cleaning and maintenance are crucial for the longevity and hygiene of your Redkey A10 fountain.

- **Daily:** Check the water level and refill as needed. Ensure the infrared sensor is clean and unobstructed.
- **Weekly (or more frequently depending on usage):**
 - Disassemble the fountain completely.
 - Wash all parts (water reservoir, top tray, pump unit) with mild soap and water. Use a soft brush to clean any hard-to-reach areas.
 - Rinse all components thoroughly to remove soap residue.
 - Reassemble the fountain once all parts are clean and dry.
- **Disposable Bowls:** Utilize the provided disposable water bowls to reduce the frequency of full fountain cleaning. Replace them as needed.
- **Battery Charging:** When the battery level is low, the fountain may indicate this (e.g., via an indicator light or reduced flow). Recharge the battery using the provided USB cable. A full charge can last up to 60 days.

7. TROUBLESHOOTING

If you encounter issues with your Redkey A10 fountain, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fountain not dispensing water.	Low battery, insufficient water, obstructed sensor, power off.	Charge the battery. Refill water to the MAX line. Clean the infrared sensor. Ensure the fountain is powered on.
Water flow is weak or inconsistent.	Low battery, low water level, pump obstruction.	Charge the battery. Refill water. Disassemble and clean the pump unit thoroughly.
Fountain is making unusual noise.	Improper assembly, pump obstruction.	Ensure all parts are correctly assembled. Disassemble and clean the pump unit.
Water appears dirty quickly.	Infrequent cleaning, pet debris.	Increase cleaning frequency. Ensure the clean/waste water separation system is functioning correctly.

If the problem persists after attempting these solutions, please contact Redkey customer support.

8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	A10
Brand	Redkey
Capacity	4 Liters
Battery Capacity	4000 mAh
Noise Level	20 dB
Package Dimensions	35 x 27 x 23 cm
Item Weight	2.7 kilograms
UPC	768152597631
GTIN	768152597631
Country of Origin	China

9. SAFETY INFORMATION

- This product is intended for indoor use only.
- Do not immerse the main unit in water. Only parts specified for cleaning should be washed.
- Keep out of reach of children and pets when not in use or during maintenance.
- Use only the provided USB charging cable. Do not use damaged cables or adapters.
- Ensure the fountain is placed on a stable, level surface to prevent tipping.
- Do not allow pets to chew on the charging cable.
- Unplug the fountain before cleaning or performing any maintenance.

10. WARRANTY AND SUPPORT

The Redkey A10 Wireless Cat Water Fountain comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your package or contact Redkey customer support.

For technical assistance, troubleshooting, or to inquire about replacement parts, please contact Redkey customer support through the retailer where you purchased the product or visit the official Redkey website.