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› ALEASHA Touchless Kitchen Faucet Motion Sensor - AL-1A04-YS User Manual

ALEASHA AL-1A04-YS

ALEASHA Touchless Kitchen Faucet Motion Sensor

MODEL: AL-1A04-YS - USER MANUAL

Introduction

Thank you for choosing the ALEASHA Touchless Kitchen Faucet. This manual provides detailed instructions for the installation, operation, and maintenance of your new faucet. Designed for convenience and hygiene, this faucet features motion sensor technology, a pull-down sprayer with multiple modes, and durable stainless steel construction.



Image: ALEASHA Touchless Kitchen Faucet in brushed nickel finish, demonstrating its three spray modes and motion sensor functionality.

Safety Information

- Ensure all water supply lines are turned off before beginning installation.
- To prevent false activation of the infrared sensor, avoid placing any objects within 5 inches (12.7 cm) directly in front of the sensor window.
- If the faucet will not be used for an extended period, turn off the manual faucet handle to conserve battery life and prevent accidental activation.
- Always use appropriate safety gear during installation, such as eye protection.

Package Contents

Please verify that all components are present before starting installation:

- Faucet Body with Integrated Pull-Down Sprayer
- Deck Plate (for three-hole sinks)
- Control Box (for sensor operation)
- Hot and Cold Water Supply Hoses (3/8" fittings)
- Gravity Ball
- Mounting Hardware (washers, lock-nut, screws)
- Instruction Manual

Installation Guide

This faucet is designed for easy DIY installation, suitable for single or three-hole sinks. The process typically takes about 30 minutes.

Required Tools (Not Included):

- Adjustable Wrench
- Phillips Head Screwdriver
- Plumber's Putty or Silicone Sealant (optional)

Installation Steps:

1. If using for a three-hole sink, place the deck plate on the countertop. Insert all hoses (hot, cold, pull-down sprayer) from the faucet body through the mounting hole.
2. From underneath the sink, place the rubber washer and metal lock-nut over the threaded rod of the faucet. Tighten the screws on the lock-nut to secure the faucet firmly to the countertop.
3. Connect the control box to both ends of the pull-out hose. Ensure a secure connection.
4. Connect the black sensor wires from the faucet to the control box.
5. Install the gravity ball onto the pull-out hose at the marked position to ensure the sprayer retracts properly.
6. Connect the hot and cold water supply hoses (3/8" fittings) to your angle stop valves. Ensure connections are tight to prevent leaks.



Image: Diagram illustrating the six steps for installing the ALEASHA touchless kitchen faucet, showing the connection points for hoses, control box, and gravity ball.

Operating Instructions

Touchless Operation:

To activate the touchless feature, simply wave your hand within 3.15-3.84 inches (8-9.75 cm) of the sensor located on the faucet body. The water will turn on instantly (within 0.5 seconds). Wave your hand again to turn the water off. For safety and water conservation, the faucet will automatically shut off after 3 minutes of

continuous inactivity in sensor mode.



Image: A hand activating the motion sensor on the ALEASHA kitchen faucet, highlighting the sensor range.

AUTOMATIC SHUT-OFF AFTER 3 MINUTES

After no objects are detected, the accidental prevention feature will be activated

The water flow will automatically stop after 3 minutes in sensor mode



Image: The faucet demonstrating its automatic shut-off feature after 3 minutes of no activity.

Sprayer Modes:

The pull-down sprayer offers three distinct water modes for various tasks:

- **Stream Mode:** Provides a steady, aerated stream for filling pots and general washing.
- **Spray Mode:** A wider, more powerful spray for rinsing dishes and cleaning the sink.
- **Aquablade Sweep Mode:** A high-pressure blade of water for stubborn food residue.

To switch between modes, simply press the button located on the sprayer head.



MULTIFUNCTIONAL OUTLET WATER EFFECT



SPRAY MODE



**AQUABLE
SWEEP MODE**



STREAM MODE

Image: Close-up of the pull-down sprayer head showing the three available water modes.

Manual Operation:

You can easily switch off the touchless mode and use the faucet manually. Locate the switch on the sensor control box (typically under the sink) and toggle it to the 'OFF' position. The single handle allows for precise control of water temperature and flow volume in manual mode.

Maintenance

Cleaning the Faucet:

The faucet's commercial SUS 304 stainless steel construction with a brushed finish is designed to resist fingerprints and water spots. To clean, simply wipe the surface with a soft, damp cloth and mild soap. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.

Cleaning the Nozzle:

Over time, mineral deposits can accumulate in the sprayer nozzle, affecting water flow. Use the provided key (or a small tool) to detach and clean the aerator/filter within the nozzle. Rinse thoroughly and reattach.

Sensor Care:

Keep the sensor window clean and free from obstructions to ensure optimal performance. Wipe gently with a soft cloth if dust or debris accumulates.

Troubleshooting

Problem	Possible Cause	Solution
No water flow in sensor mode.	Manual handle is off; sensor obstructed; batteries low (if applicable); control box switch off.	Ensure manual handle is open. Clear any obstructions from sensor. Check battery level in control box. Verify control box switch is in 'ON' position.
Water flow is weak.	Aerator clogged; water supply partially closed; kink in hose.	Clean the aerator/nozzle. Ensure hot and cold water supply valves are fully open. Check pull-down hose for kinks.
Sensor activates unintentionally.	Obstruction near sensor; reflective surface.	Remove objects within 5 inches of the sensor. Adjust placement of reflective items if possible.
Sprayer does not retract fully.	Gravity ball improperly positioned or too light; hose obstructed.	Ensure gravity ball is correctly installed and free to move. Check for obstructions under the sink that might impede hose movement.

Specifications

PRODUCT SIZE



Holes For Installation



Required Hole Size



Supply Hose Size

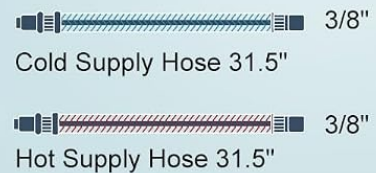


Image: Detailed product dimensions and installation requirements for the ALEASHA faucet.

- **Brand:** ALEASHA
- **Model Name:** Touchless Kitchen Faucet (AL-1A04-YS)
- **Material:** Stainless Steel (SUS 304)
- **Finish Type:** Brushed Nickel
- **Mounting Type:** Deck Mount
- **Number of Handles:** 1
- **Special Features:** 360° Swivel, Pull Down Sprayer, Touchless Motion Sensor
- **Product Dimensions:** 17"D x 2.56"W x 13"H (43.18 cm D x 6.5 cm W x 33.02 cm H)

- **Item Weight:** 5.35 pounds (2.43 kg)
- **Installation Type:** Single Hole, Widespread
- **Required Mounting Hole Size:** 1.4 inches (3.56 cm)
- **Max. Deck Thickness:** 2 inches (5.08 cm)
- **Supply Hose Size:** 3/8" (Hot & Cold, 31.5 inches / 80 cm length)

Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact ALEASHA customer service directly. You can often find support contact details on the manufacturer's official website or through your retailer.

For further assistance, please visit the [ALEASHA Store on Amazon](#).