

## AIKE AK1212

# AIKE AK1212 Automatic Liquid Soap Dispenser User Manual

Model: AK1212



## 1. IMPORTANT SAFETY INFORMATION

- Read all instructions before using the dispenser.
- Do not immerse the main unit in water. The unit is IPX7 waterproof, meaning it can withstand temporary immersion, but prolonged submersion is not recommended.
- Keep out of reach of children.
- Use only the recommended type and quantity of batteries (4 x AA alkaline batteries). Do not mix old and new batteries, or different types of batteries.
- If the dispenser will not be used for an extended period, remove the batteries to prevent leakage.
- Avoid placing the dispenser in direct sunlight or near heat sources.
- Ensure the installation surface is clean, dry, and capable of supporting the dispenser's weight when full.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- AIKE AK1212 Automatic Soap Dispenser Unit x 1
- Mounting Plate x 1
- User Manual x 1
- Using Guide x 1
- Adhesive Glue x 1
- Mounting Screws x 3
- Expansion Screws x 3

## 3. PRODUCT OVERVIEW

The AIKE AK1212 is a wall-mounted automatic liquid soap dispenser designed for convenience and hygiene. It features a touch-free infrared sensor for dispensing, a transparent chamber to monitor liquid levels, and an IPX7 waterproof rating for use in various environments.





Figure 3.1: Front view of the AIKE AK1212 Automatic Liquid Soap Dispenser, showing the brushed stainless steel base and transparent liquid chamber filled with blue soap.

### Key Features:

- **Automatic Sensor:** Touch-free infrared sensor for hygienic dispensing.
- **Adjustable Dispense Volume:** Features 3 gear variable dispense settings (0.9ml, 2.0ml, 3.1ml) to control the amount of liquid dispensed.
- **IPX7 Waterproof:** Suitable for use in bathrooms, kitchens, and shower areas.
- **Transparent Chamber:** Allows easy monitoring of liquid soap levels.
- **Universal Compatibility:** Works with various liquid soaps, including hand soap, dish soap, shampoo, body wash, and lotion.
- **Wall Mount Design:** Saves counter space and provides a clean aesthetic.

## 4. SETUP AND INSTALLATION

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### 4.1 Battery Installation

1. Locate the battery compartment on the bottom of the dispenser.
2. Open the battery cover.
3. Insert 4 new AA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

**Lasts up to 6 months**  
with 4 alkaline AA batteries



\*batteries not included

Figure 4.1: Battery compartment with AA batteries. Batteries are not included and must be purchased separately.

## 4.2 Filling the Dispenser

1. Remove the top lid of the transparent liquid chamber.
2. Pour your desired liquid soap (hand soap, dish soap, shampoo, body wash, or lotion) into the chamber. Do not overfill. The capacity is 17 fl.oz. (500ml).
3. Replace the top lid securely.

## 4.3 Wall Mounting

The dispenser can be mounted using either adhesive glue or screws.

### Adhesive Mounting (Recommended for smooth surfaces):

1. Clean and dry the desired wall surface thoroughly.
2. Apply the provided adhesive glue to the back of the mounting plate.
3. Press the mounting plate firmly against the wall in the desired location.
4. Allow the adhesive to cure for at least 24-48 hours before attaching the dispenser unit. This ensures a strong

bond.

5. Slide the dispenser unit onto the mounted plate until it clicks into place.

#### **Screw Mounting (Recommended for uneven or porous surfaces):**

1. Hold the mounting plate against the wall at the desired height and mark the screw hole positions with a pencil.
2. Drill pilot holes at the marked positions. If mounting into drywall, insert the expansion screws.
3. Align the mounting plate with the drilled holes and secure it to the wall using the provided screws.
4. Slide the dispenser unit onto the mounted plate until it clicks into place.

#### **Important Installation Distance:**

Ensure a minimum clearance from the bottom of the dispenser to the countertop or reflective surface. For normal desktops, maintain at least 10 inches (25cm). For reflective desktops, maintain at least 13.8 inches (35cm) to ensure proper sensor function.



Figure 4.2: Recommended installation distance from the countertop.

## **5. OPERATION**

## 5.1 Automatic Dispensing

Once installed and filled, the dispenser is ready for use. Simply place your hand under the nozzle. The infrared sensor will detect your hand and automatically dispense a preset amount of liquid soap.



Figure 5.1: Automatic dispensing in action.

## 5.2 Adjusting Dispense Volume

The dispenser offers 3 adjustable dispense volume settings: 0.9ml, 2.0ml, and 3.1ml. To change the volume, press the power button located on the top of the unit. Each press will cycle through the dispense settings, indicated by a light or sound cue (refer to the 'Using Guide' for specific indicators).

## 6. MAINTENANCE AND CLEANING

### 6.1 Refilling

When the liquid level in the transparent chamber is low, refill it by removing the top lid and pouring in more liquid soap. Avoid letting the dispenser run completely dry to prevent air from entering the pump mechanism.



6.2 Cleaning

The AIKE AK1212 dispenser has an IPX7 waterproof rating, making it resistant to water splashes and temporary immersion. To clean the exterior:

- Wipe the surface with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these may damage the finish.
- Ensure the battery compartment is securely closed before cleaning.



Figure 6.1: The IPX7 waterproof design allows for easy cleaning.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Dispenser does not turn on or dispense.	Batteries are dead or incorrectly installed. No liquid soap in the chamber.	Replace with new AA alkaline batteries, ensuring correct polarity. Refill the liquid soap chamber.
Soap dispenses inconsistently or not at all.	Nozzle is clogged. Liquid soap is too thick. Sensor obstruction or interference.	Clean the nozzle with a small brush or warm water. Dilute thick soap with a small amount of water (test consistency). Ensure no objects are blocking the sensor. Check installation distance from reflective surfaces.
Sensor is overly sensitive or not responsive.	Improper installation distance from countertop. Reflective surfaces interfering with sensor.	Adjust installation height to meet recommended distances (10" for normal, 13.8" for reflective surfaces). Ensure the area directly below the sensor is clear.
Battery leakage.	Old or mixed batteries. Soap leakage into battery compartment (rare, but reported).	Always use fresh, identical AA alkaline batteries. Replace all batteries at once. If soap has leaked, clean the compartment thoroughly and ensure all seals are intact. Contact support if issue persists.

## 8. SPECIFICATIONS

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# PARAMETERS

## Single Pump



**Product Size:** 8.8 x 5 x 3.6in

**Sensor:** Touch-free infrared

**Product Weight:** 1.1lb

**Liquid Supply:** 0.9ml/2.0ml/3.1ml

**Volume:** 500ml/17fl.oz.

**Inducting Distance:** 2-3.5in

**Power:** DC6V/AA battery(4pcs)

**Waterproof Level:** IPX7

**Ambient Temperature:** 0-45°C

**Installation Mode:** Wall mounted

**Package Included:** Pump x 1, Mounting Plate x 1, User Manual x 1, Using Guide x 1, Glue x 1, Screw x 3, Expansion Screw x 3.

Figure 8.1: Product dimensions and technical parameters.

Parameter	Value
Product Model	AK1212
Product Size	5.04"L x 3.58"W x 8.78"H (approx. 8.8 x 5 x 3.6 inches)
Product Weight	1.1 lbs (0.5 kg)
Volume Capacity	17 fl.oz. (500ml)

Parameter	Value
Power Supply	DC 6V (4 x AA batteries)
Ambient Temperature	0-45°C
Sensor Type	Touch-free infrared
Liquid Supply (Dispense Volume)	0.9ml / 2.0ml / 3.1ml (3 adjustable gears)
Inducting Distance	2-3.5 inches (5-9 cm)
Waterproof Level	IPX7
Installation Mode	Wall mounted (adhesive or screws)
Material	Plastic (Brushed Stainless Steel finish)

## 9. WARRANTY AND SUPPORT

AIKE is committed to product quality. For any questions, concerns, or assistance with your AIKE AK1212 Automatic Liquid Soap Dispenser, please contact AIKE customer support.



Contact Information:




- **Manufacturer:** Zhejiang AIKE Appliances Co., Ltd.
- **Address:** Yong' an Industry Zone, Taizhou, Zhejiang
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- **Website:** [www.zjaike.com](http://www.zjaike.com)

Please retain your purchase receipt for warranty claims.



### Related Documents - AK1212

	<p><a href="#">AIKE AK1333 Automatic Soap Dispenser User Manual and Specifications</a></p> <p>Detailed user manual and specifications for the AIKE AK1333 Automatic Sensor Soap Dispenser, including how to use, warnings, packing list, and liquid adjustment features.</p>
	<p><a href="#">AIKE AK1205 Automatic Soap Dispenser User Manual</a></p> <p>User manual for the AIKE AK1205 Automatic Soap Dispenser. Provides detailed instructions on installation, operation, liquid adjustment, battery management, troubleshooting, and specifications for the AIKE automatic soap dispenser.</p>
	<p><a href="#">AIKE AK1205 Automatic Soap Dispenser User Guide</a></p> <p>This document provides a user guide for the AIKE AK1205 Automatic Soap Dispenser, covering packing list, installation instructions, usage guidelines, and battery replacement reminders in multiple languages.</p>

	<p><a href="#">AIKE High Speed Hand Dryer AK2822 User Manual</a></p> <p>User manual for the AIKE High Speed Hand Dryer, model AK2822. Provides instructions on operation, routine maintenance, cleaning the air filter, installation, troubleshooting, and technical specifications.</p>
	<p><a href="#">AIKE AK2065 Jet Hand Dryer User Manual - Installation, Features, and Maintenance</a></p> <p>Comprehensive user manual for the AIKE AK2065 Jet Hand Dryer. Covers installation procedures, features, specifications, maintenance, troubleshooting, and safety precautions for optimal use.</p>
	<p><a href="#">AIKE AK2630S High Speed Hand Dryer User Manual</a></p> <p>This manual provides instructions for the installation, operation, and maintenance of the AIKE AK2630S High Speed Hand Dryer. It includes safety precautions, troubleshooting tips, and product specifications in multiple languages.</p>