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Model: BL-APS175TL-MB

1. INTRODUCTION

Thank you for choosing the Boyel Living BL-APS175TL-MB Touchless Kitchen Faucet. This manual provides essential information for the safe installation, operation, and maintenance of your new kitchen faucet. Please read these instructions thoroughly before installation and retain them for future reference.



Image 1.1: Boyel Living BL-APS175TL-MB Touchless Kitchen Faucet. This image displays the complete matte black faucet unit with its pull-down sprayer and integrated touchless sensor.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Touchless Operation:** Infrared sensor for hands-free water activation.
- **Pull-Down Sprayer:** Extends for increased reach and flexibility.
- **Three Spray Patterns:** Offers Sweep, Stream, and Spray modes for various tasks.
- **360° Swivel:** Provides full sink coverage and versatility.
- **Durable Construction:** Made from stainless steel with a matte black finish.

2.2 Packing List

Ensure all components are present before beginning installation. If any parts are missing or damaged, please

contact customer support.



Image 2.1: Packing List. This image shows all the components included in the faucet package, such as the main faucet body, pull-down spray head, control box, counterweight, mounting hardware, and water supply lines.

The packing list typically includes:

- Faucet Body with Pull-Down Sprayer
- Control Box/Sensor Unit
- Counterweight
- Mounting Hardware (nut, washer, gasket)
- Hot and Cold Water Supply Lines
- Deck Plate (for 3-hole installations)
- Installation Tool

3. SAFETY INFORMATION

- Always turn off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.

- Ensure all connections are secure to prevent leaks.
- If you are unsure about any part of the installation, consult a qualified plumber.
- Do not use harsh chemicals or abrasive cleaners on the faucet finish.

4. INSTALLATION

4.1 Pre-Installation

1. Turn off the main water supply to your kitchen.
2. Remove your old faucet, if applicable. Clean the sink area thoroughly.
3. Ensure the mounting surface is clean and flat. This faucet is suitable for 1-hole or 3-hole installations (using the included deck plate).
4. Gather all necessary tools: adjustable wrench, screwdriver, plumber's putty or silicone sealant, flashlight.

4.2 Faucet Dimensions



Image 4.1: Faucet Dimensions. This diagram illustrates the key measurements of the faucet, including overall height (16.1 inches), spout reach (9 inches), and spout height (8.2 inches), which are crucial for installation planning.

4.3 Installation Steps

1. **Mount the Faucet:** Place the faucet body through the hole(s) in your sink or countertop. If using a 3-hole sink, install the deck plate first. Secure the faucet from underneath with the provided washer and mounting nut.
2. **Connect Water Lines:** Attach the hot and cold water supply lines from the faucet to your angle stops. Ensure the hot water line connects to the hot water supply and the cold to the cold. Tighten connections securely but do not overtighten.
3. **Install Control Box:** Mount the control box in an accessible location under the sink. Connect the faucet's sensor cable and water lines to the control box as indicated in the diagram (refer to specific diagrams in your product packaging for detailed connections).
4. **Install Counterweight:** Attach the counterweight to the pull-down hose, typically at a point that allows the spray head to retract smoothly.
5. **Power Connection:** Connect the power supply to the control box. This faucet typically uses batteries or an AC adapter (check your specific model for power requirements).
6. **Test for Leaks:** Slowly turn on the main water supply. Check all connections for leaks. Run the faucet in both manual and touchless modes to ensure proper function.

5. OPERATION

5.1 Touchless Sensor Activation

PACKING LIST



Image 5.1: Infrared Sensor. This image highlights the location of the infrared sensor on the faucet base, which detects hand movement for touchless water activation.

To activate the touchless function, simply wave your hand within the sensor's detection range (typically 2-4 inches) at the base of the faucet. Wave your hand again to turn the water off. The water temperature is controlled by the manual handle position.

5.2 Manual Handle Operation

The side handle controls both water flow and temperature. Lift the handle to increase water flow and move it left for hot water or right for cold water. The manual handle can override the sensor for continuous water flow.



EASY TO SWITCH WATER MODE

Turn the knob to switch between standard and manual modes



Image 5.2: Easy to Switch Water Mode. This image demonstrates how to switch between standard manual operation and touchless sensor mode using the faucet's handle or a dedicated switch.

5.3 Pull-Down Sprayer and Spray Modes

The spray head can be pulled down from the faucet spout for extended reach. Press the button on the spray head to cycle through the three available spray patterns:

- **Sweep Mode:** A powerful blade of water for rinsing dishes.
- **Stream Mode:** A steady, aerated flow for filling pots.
- **Spray Mode:** A wide, gentle spray for general cleaning.

3 SPRAY PATTERNS



Press the button to change modes



Sweep Mode



Stream Mode



Spray Mode

Image 5.3: Three Spray Patterns. This image illustrates the three distinct water outlet modes: Sweep Mode for powerful rinsing, Stream Mode for filling, and Spray Mode for general washing, all accessible via a button on the spray head.



Image 5.4: Detailed View of Three Water Dispensing Modes. This image provides a close-up of the spray head and visual examples of the Sweep, Stream, and Spray modes in action, highlighting their different water patterns.

5.4 360° Swivel Function

The faucet spout can swivel 360 degrees, allowing for flexible use across multiple sink basins or for moving the spout out of the way when not in use.



Image 5.5: 360° Swivel. This image demonstrates the faucet's ability to rotate fully, showing the spout positioned over different areas of a kitchen sink, indicating its 360-degree swivel capability.

6. MAINTENANCE

6.1 Cleaning the Faucet

- Clean the faucet regularly with a soft cloth and mild soap.
- Avoid abrasive cleaners, steel wool, or harsh chemicals, as these can damage the matte black finish.
- For stubborn water spots, use a solution of equal parts white vinegar and water, applied with a soft cloth, then rinse thoroughly and dry.

6.2 Sensor Maintenance

Keep the sensor area clean and free from obstructions to ensure optimal touchless operation. Wipe the sensor window with a soft, dry cloth if it appears dirty.

6.3 Battery Replacement (if applicable)

If your faucet uses batteries for the touchless function, replace them when the sensor's response becomes sluggish or stops working. Refer to the control box for battery type and replacement instructions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No water flow or low water pressure	Water supply turned off; clogged aerator; kinked hose; low battery (for sensor)	Check water supply valves; clean aerator; straighten hose; replace batteries.
Sensor not working	Sensor obstructed or dirty; low or dead batteries; sensor cable disconnected.	Clean sensor window; replace batteries; check sensor cable connection to control box.
Leaks from connections	Loose connections; damaged O-rings or gaskets.	Tighten connections (do not overtighten); inspect and replace O-rings/gaskets if damaged.
Spray head does not retract fully	Counterweight improperly positioned or obstructed; hose kinked.	Adjust counterweight position; ensure hose moves freely under the sink.

8. SPECIFICATIONS

Feature	Specification
Brand	Boyel Living
Model Number	BL-APS175TL-MB
Mounting Type	Deck Mount
Finish Type	Matte Black
Handle Material	Stainless Steel
Special Feature	Pull Down Sprayer, Touchless Sensor
Installation Type	Centerset, Widespread (1 or 3-hole compatible)
Product Dimensions	24.8 x 12.2 x 4.13 inches (packaging)
Item Weight	7.43 pounds
Material	Stainless Steel

9. WARRANTY AND SUPPORT

Boyel Living is committed to customer satisfaction. If you encounter any issues with your product, including defective, wrong, or damaged items, or missing parts, please contact Boyel Living customer service directly. Provide appropriate pictures to illustrate the issue. The manufacturer will provide service according to the actual situation, which may include sending replacement parts or a new unit.

For support, please refer to the contact information provided with your product packaging or visit the official Boyel Living website.