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› Hansgrohe Electronic Basin Mixer DN15, Battery Operated, Model 31101000 User Manual

hansgrohe 31101000

Hansgrohe Electronic Basin Mixer DN15

Model 31101000 User Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Hansgrohe Electronic Basin Mixer DN15, Model 31101000. This battery-operated electronic faucet is designed for convenience and efficiency in your bathroom. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: Hansgrohe Electronic Basin Mixer DN15, Model 31101000. This image displays the sleek, chrome-finished electronic basin mixer with its integrated sensor.

SAFETY INFORMATION

- Ensure all water supply lines are turned off before beginning installation.
- Always use appropriate tools and follow local plumbing codes.
- Do not use abrasive cleaners or harsh chemicals on the faucet surface, as this may damage the finish.
- Protect the electronic components from excessive moisture during installation and cleaning.
- Keep batteries out of reach of children and dispose of them properly.

PACKAGE CONTENTS

Verify that all components are present before starting the installation:

- Electronic Basin Mixer Faucet Body
- Flexible Connection Hoses (G 3/8)
- Mounting Hardware (gasket, washer, fixing nut)
- Battery Compartment with connecting cable
- Installation Instructions (this manual)

SETUP AND INSTALLATION

Follow these steps for proper installation of your electronic basin mixer:

1. **Prepare the Mounting Surface:** Ensure the basin or countertop has a single faucet hole (typically 32-35mm diameter) and is clean and dry.
2. **Install the Faucet Body:** Place the faucet body through the mounting hole. Secure it from underneath the basin using the provided gasket, washer, and fixing nut. Tighten firmly but do not overtighten.
3. **Connect Water Supply Lines:** Attach the flexible connection hoses from the faucet to your hot and cold water supply valves. Ensure a watertight seal using appropriate plumbing tape or sealant if necessary. The connections are G 3/8.
4. **Install Battery Compartment:** Mount the battery compartment in an accessible location under the basin, away from direct water spray. Connect the cable from the faucet body to the battery compartment. Insert the required batteries (typically AA or AAA, refer to compartment for specifics) ensuring correct polarity.
5. **Test for Leaks:** Slowly turn on the main water supply and check all connections for leaks.

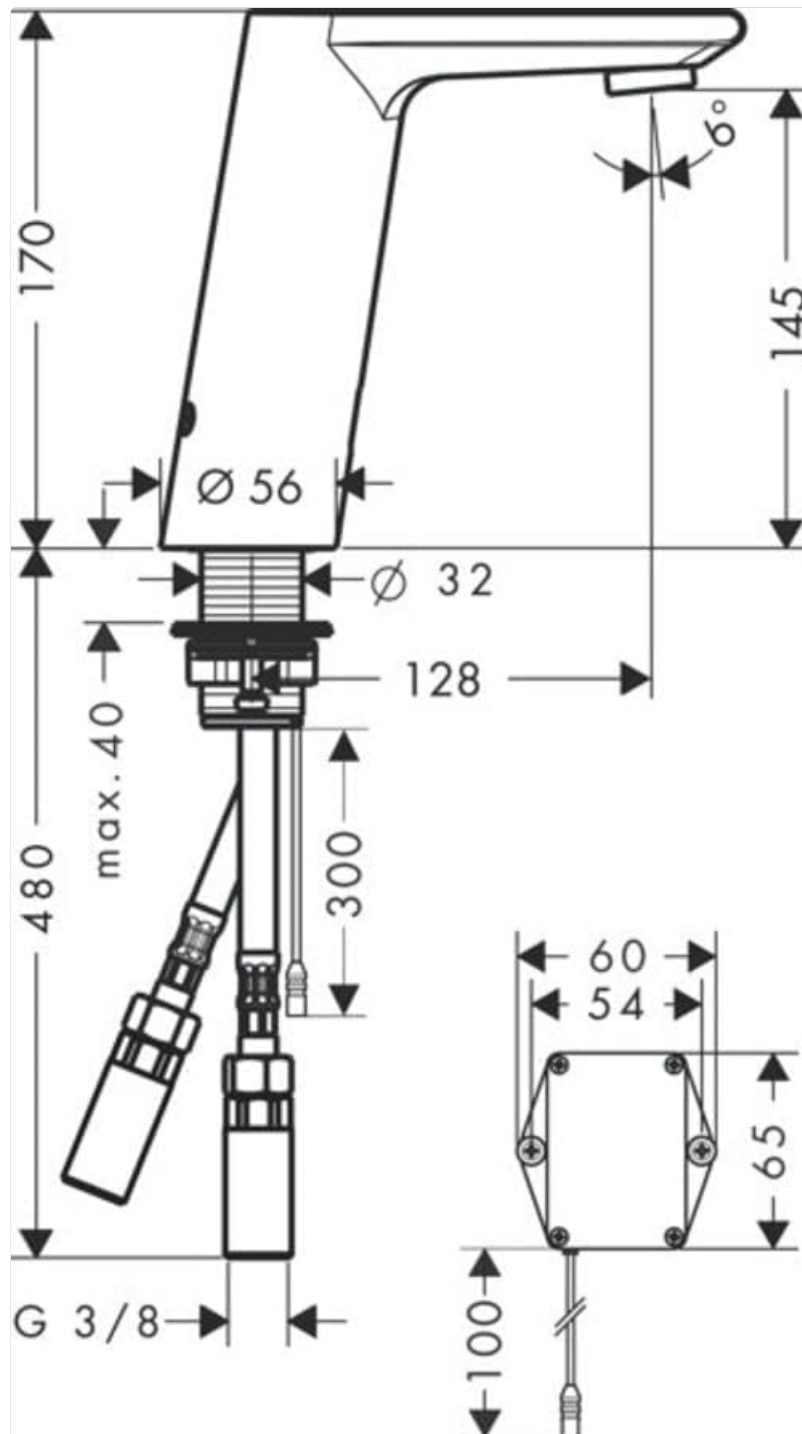


Figure 2: Dimensional drawing of the Hansgrohe Electronic Basin Mixer 31101000. This diagram illustrates the dimensions and connection points for the faucet, including spout height (128mm), base diameter (56mm), and water supply connections (G 3/8).

OPERATING INSTRUCTIONS

Sensor Activation

The Hansgrohe Electronic Basin Mixer operates via an infrared sensor. To activate the water flow, simply place your hands within the sensor's detection range (typically 5-15 cm) under the spout. The water will flow as long as your hands are detected. Removing your hands will stop the water flow automatically after a short delay.

Temperature Control

This model is designed for a single temperature output, often pre-mixed or cold water, as indicated by 'cold' in its description. There is no external lever for user-adjustable temperature control. Ensure your water supply is set to the desired temperature before installation if a specific mixed temperature is required.

MAINTENANCE

Cleaning

To maintain the chrome finish and ensure optimal sensor performance:

- Clean the faucet regularly with a soft cloth and mild soap or a non-abrasive cleaner specifically designed for chrome finishes.
- Avoid using abrasive sponges, scouring pads, or cleaners containing alcohol, ammonia, or phosphoric acid, as these can damage the surface.
- Wipe the sensor window gently with a soft, dry cloth to ensure it remains clear and responsive.

Battery Replacement

When the batteries are low, the faucet may exhibit reduced flow or intermittent operation. Replace the batteries as follows:

1. Locate the battery compartment, usually mounted under the basin.
2. Open the compartment cover.
3. Remove the old batteries and dispose of them according to local regulations.
4. Insert new batteries of the specified type (e.g., AA or AAA) ensuring correct polarity.
5. Close the battery compartment cover securely.
6. Test the faucet operation.

TROUBLESHOOTING

If you encounter issues with your electronic basin mixer, refer to the following table:

Problem	Possible Cause	Solution
No water flow	Water supply turned off; Low or dead batteries; Sensor obstructed; Clogged aerator.	Check water supply valves; Replace batteries; Clean sensor window; Clean or replace aerator.
Weak water flow	Low water pressure; Clogged aerator; Partially closed supply valve.	Check household water pressure; Clean or replace aerator; Ensure supply valves are fully open.
Sensor not responding	Sensor window dirty or obstructed; Low or dead batteries; Ambient light interference.	Clean sensor window; Replace batteries; Reduce direct light on sensor if possible.
Continuous water flow	Sensor obstructed or faulty; Debris in valve.	Clean sensor window; Contact customer support if issue persists.

SPECIFICATIONS

- **Brand:** hansgrohe
- **Model Number:** 31101000
- **Mounting Type:** Deck Mount
- **Installation Type:** Single Hole

- **Finish Type:** Polished Chrome
- **Color:** Chrome
- **Spout Height:** 128 Millimeters
- **Item Weight:** 2.51 Kilograms
- **Power Source:** Battery Operated (Is Electric: Yes)
- **Connection Size:** DN15 (G 3/8)

WARRANTY AND SUPPORT

Hansgrohe products are manufactured to high-quality standards and come with a manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or visit the official Hansgrohe website. For technical support, spare parts, or further assistance, please contact Hansgrohe customer service through their official channels.

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