Hansgrohe 12173820

Hansgrohe AXOR Starck Organic Electronic Basin Mixer 12173820 User Manual

Model: 12173820

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Hansgrohe AXOR Starck Organic Electronic Basin Mixer, Model 12173820. Please read these instructions carefully before installation and use to ensure safe and efficient operation. Keep this manual for future reference.

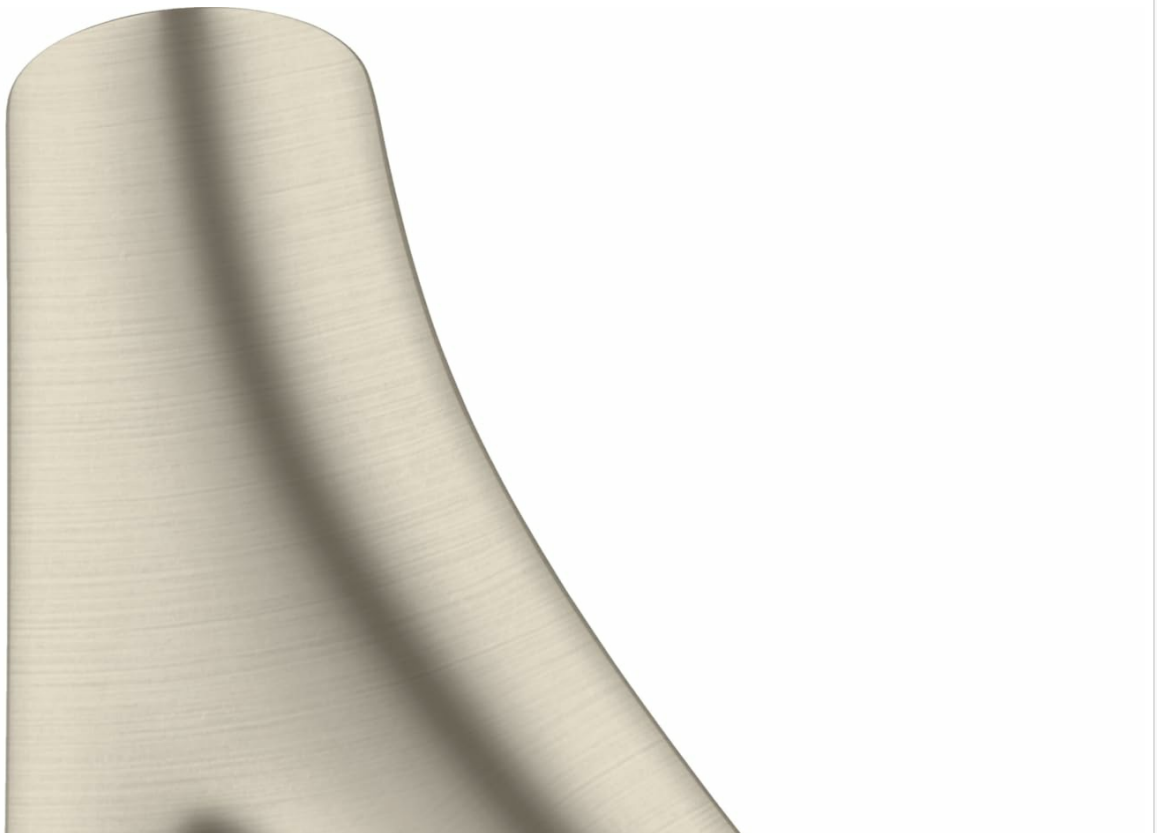

Image 1: Hansgrohe AXOR Starck Organic Electronic Basin Mixer, Brushed Nickel finish. This image shows the complete mixer unit with its elegant design, featuring a curved spout and a sleek body, suitable for modern bathroom aesthetics.

2. Safety Information

Always observe the following safety precautions:

- Installation must be performed by qualified personnel in accordance with local plumbing and electrical codes.
- Ensure the main power supply is disconnected before any installation or maintenance work.
- Protect the product from frost.
- Do not use abrasive cleaners or solvents on the surface of the mixer.

3. Setup and Installation

This section outlines the general steps for installing your electronic basin mixer. Refer to the detailed installation diagram provided with your product packaging for specific measurements and connections.

3.1 Components Checklist

Before starting, ensure all components are present:

- Basin Mixer Unit
- Connection Hoses (G 3/8)
- Power Supply Unit (230V / 50Hz)
- Mounting Hardware
- Dirt Filters

3.2 Installation Steps

1. **Prepare the Installation Site:** Ensure the basin is clean and the mounting hole is clear.
2. **Mount the Mixer:** Secure the mixer to the basin using the provided mounting hardware.
3. **Connect Water Supply:** Attach the hot and cold water supply hoses (G 3/8) to the mixer and the water lines. Ensure dirt filters are installed.
4. **Connect Power Supply:** Connect the mixer's electronic unit to the 230V / 50Hz mains power supply. Ensure all electrical connections are secure and waterproof.
5. **Test for Leaks:** Slowly open the main water supply and check all connections for leaks.
6. **Sensor Calibration:** The infrared sensor features automatic environment adjustment. Allow a few moments for the sensor to calibrate after power-up.

4. Operating Instructions

Your Hansgrohe AXOR Starck Organic Electronic Basin Mixer is designed for intuitive and hygienic operation.

4.1 Water Flow Activation

The mixer features an infrared proximity sensor. Simply place your hands within the detection range to activate the water flow. Water will flow for approximately 10 seconds after activation or as long as hands are detected.

4.2 Temperature Adjustment

Temperature can be adjusted via the side mixing lever. Move the lever to the desired position for hotter or colder water. The water flow paths are isolated, ensuring no contact with nickel-lead.

4.3 Sensor Range Adjustment

The infrared detection range is adjustable (2 settings). Refer to the detailed product manual for instructions on how to modify this setting, typically involving a button or switch on the electronic unit.

4.4 Hygienic Rinse Function

The mixer includes an automatic hygienic rinse function. This can be activated to automatically flush water for 10 seconds every 24 hours, ensuring water quality and preventing stagnation.

4.5 Continuous Rinse Function

A continuous rinse function can be activated, allowing water to flow for 180 seconds. This is useful for filling

the basin or for specific cleaning tasks. Consult the full manual for activation steps.

5. Maintenance and Cleaning

Regular maintenance ensures the longevity and optimal performance of your mixer.

5.1 Cleaning the Mixer

The mixer features QuickClean technology for minimal cleaning effort. Use a soft cloth and a mild, non-abrasive cleaning agent. Rinse thoroughly with clean water and dry with a soft cloth. Do not use cleaners containing alcohol, acids, or abrasive particles.

5.2 Cleaning Function

To clean the basin without activating the water flow, a manual water stop function is available. This temporarily deactivates the sensor, allowing you to clean the sink area without accidental water activation. Refer to the full manual for instructions on activating this cleaning mode.

5.3 Dirt Filters

The connection hoses are equipped with dirt filters. Periodically check and clean these filters to ensure unrestricted water flow and prevent damage to the mixer. Turn off the water supply before cleaning filters.

5.4 Thermal Disinfection

The mixer is suitable for thermal disinfection, which can be important in certain environments. Consult a professional plumber for information on performing thermal disinfection.

6. Troubleshooting

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

Problem	Possible Cause	Solution
No water flow	No power supply; water supply turned off; clogged dirt filters; sensor malfunction.	Check power connection; ensure water supply is open; clean dirt filters; contact service if sensor is faulty.
Water flow is weak	Clogged dirt filters; low water pressure.	Clean dirt filters; check household water pressure.
Water does not stop flowing	Sensor obstructed; sensor malfunction.	Ensure nothing is obstructing the sensor; activate cleaning function to temporarily stop flow; contact service.
Incorrect water temperature	Mixing lever not adjusted correctly; issues with hot/cold water supply.	Adjust the side mixing lever; check hot and cold water supply lines.

If the problem persists after attempting these solutions, please contact Hansgrohe customer support or a qualified technician.

7. Technical Specifications

Feature	Detail
Model Number	12173820
Brand	Hansgrohe AXOR Starck Organic
Type	Electronic Basin Mixer
Power Supply	Mains Powered, 230V / 50Hz
Spout Projection (Saillie)	117 mm
Faucet Height	242 mm
Connection Type	G 3/8 connection hoses
Max. Flow Rate (at 3 bar)	3.5 l/min (EU Taxonomy: max. 6 l/min)
Operating Time (per activation)	10 seconds
Hygienic Rinse Frequency	Every 24 hours (10 seconds duration)
Continuous Rinse Duration	180 seconds
Dimensions (Product)	47 x 23 x 12 cm
Weight (Item)	3.46 kg
Color	Brushed Nickel

8. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your product or visit the official Hansgrohe website. Keep your proof of purchase for warranty claims.
Hansgrohe Official Website: www.hansgrohe.com

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