

Decaura DE50431CH

Decaura Bathroom Basin Mixer Faucet User Manual

Model: DE50431CH

Brand: Decaura

1. INTRODUCTION

Thank you for choosing the Decaura Bathroom Basin Mixer Faucet. This manual provides essential information for the proper installation, operation, and maintenance of your new faucet. Please read these instructions carefully before beginning installation to ensure safe and efficient use.



Image 1.1: Decaura Bathroom Basin Mixer Faucet, showcasing its sleek chrome finish and modern design.

2. PRODUCT FEATURES

- **Lead-Free Material:** Constructed from high-quality stainless steel, ensuring no water pollution and promoting health. The brilliant and smooth surface is durable and corrosion-resistant, suitable for modern bathroom decors. Includes 50 cm PEX flexible hoses for strong pressure resistance and odor-free performance.
- **Sensitive Operation and Low Noise:** Equipped with a low-noise ceramic cartridge, tested for 500,000 cycles, providing sensitive temperature adjustment and comfortable operation for opening and closing.
- **Smooth and Soft Water Jet:** The integrated aerator delivers a smooth, splash-free water stream that is soft to the touch, contributing to approximately 30% water savings.
- **Easy Installation:** Designed for straightforward self-installation without the need for professional assistance. Refer to the installation section and diagrams provided.

Making soft bubble water

And create a stable stream



Image 2.1: The faucet delivering a soft, bubble-infused water stream into a basin, highlighting its smooth flow.



Premium aerator

provides a non-splashing smooth stream,
soft to touch, higher water efficiency.

Image 2.2: A close-up view of the faucet's premium aerator, designed to provide a non-splashing, efficient water flow.

3. PACKAGE CONTENTS

Please verify that all components are present and undamaged upon opening the package:

- 1 x Decaura Bathroom Basin Mixer Faucet
- 2 x 50 cm PEX Hoses (Hot and Cold)
- 2 x Anti-loose Fixing Screws
- Mounting Hardware (washers, nuts)
- Installation Manual



Package Content



Proper packaging can avoid product getting scratched during the transit

Image 3.1: Overview of the package contents, including the faucet, hoses, and mounting accessories, alongside the product box.

4. SPECIFICATIONS

Attribute	Value
Brand	Decaura
Model Number	DE50431CH
Product Dimensions (L x W x H)	19.2 x 5.3 x 29.8 cm
Weight	1.19 Kilograms
Color	Chrome
Finish	Chrome

Material	Stainless Steel (Faucet Body), Zinc (Handle)
Installation Method	Single-hole / Deck Mount
Number of Handles	1
Number of Holes Required	1
Flow Rate	8 Liters per minute
Hose Length	50 Centimeters
Spout Height	186 Millimeters
Spout Reach	160 Millimeters
Special Feature	Lead-Free

Unit: mm



Hole diameter:



32mm(Min)~43mm(Max)

Max.countertop thickness:



42mm(Max)

Image 4.1: Front view dimensions of the faucet in millimeters, showing overall height, spout height, and hole diameter requirements.

(Unit: mm)

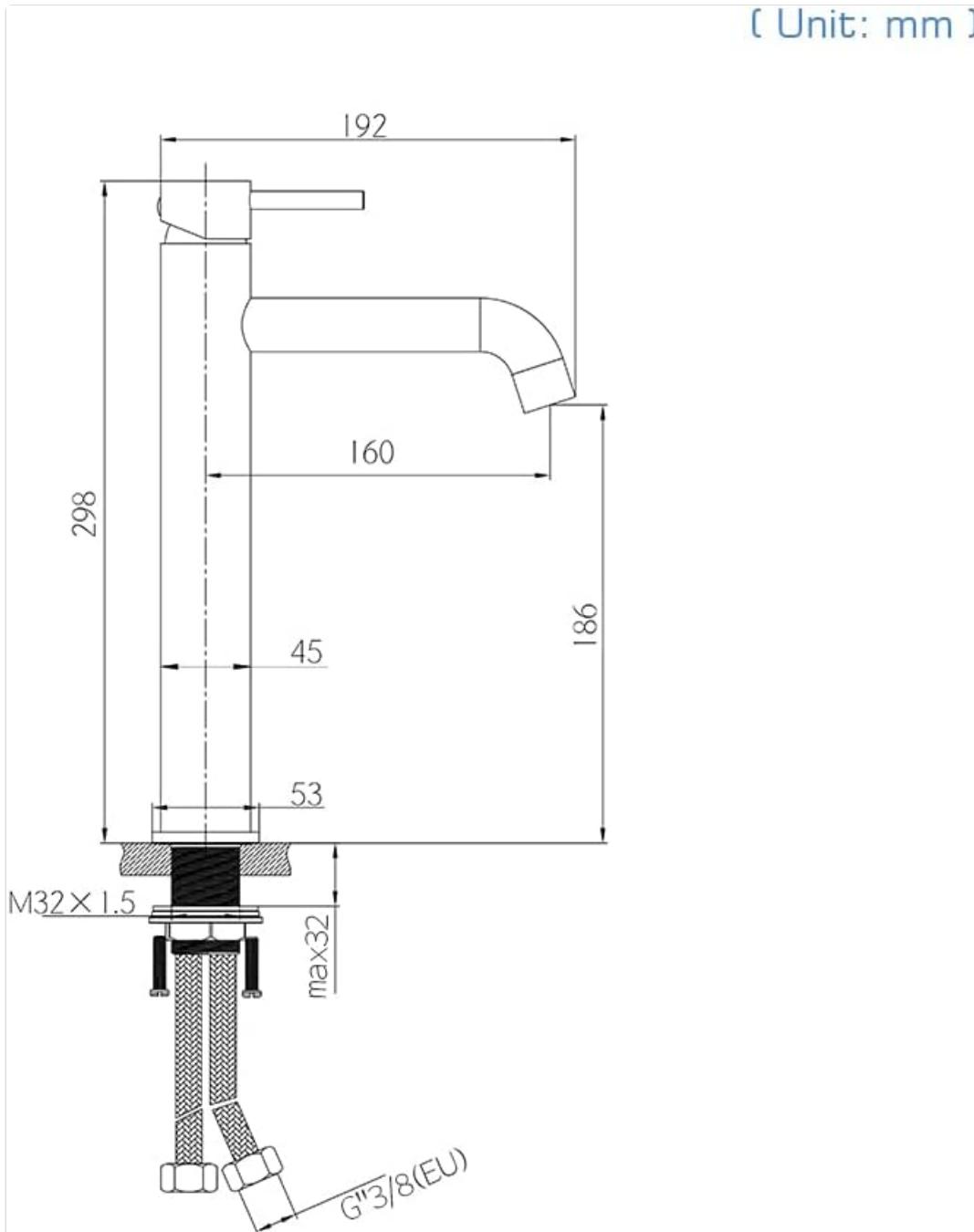


Image 4.2: Side view dimensions of the faucet in millimeters, including spout reach and mounting details.

5. INSTALLATION GUIDE

5.1 Before You Begin

- Ensure you have all necessary tools: adjustable wrench, screwdriver, plumber's tape.
- Turn off the main water supply to your bathroom.
- Clear the area under the sink for easy access.

5.2 Installation Steps

1. **Prepare the Mounting Hole:** Ensure your basin or countertop has a single mounting hole with a diameter between 32mm and 43mm. The maximum countertop thickness should not exceed 42mm.
2. **Install the Faucet:** Insert the faucet body into the mounting hole. Ensure the base gasket is properly seated to prevent leaks.

- 3. Secure the Faucet:** From underneath the sink, slide the rubber washer, metal washer, and then the fixing nut onto the threaded shank of the faucet. Tighten the fixing nut securely using the provided anti-loose fixing screws and a screwdriver.
- 4. Connect Water Supply Hoses:** Attach the hot and cold PEX hoses to the corresponding inlets on the faucet body. The hoses are typically color-coded (red for hot, blue for cold). Hand-tighten first, then use an adjustable wrench for a final snug turn, being careful not to overtighten.
- 5. Connect to Water Supply:** Connect the other ends of the PEX hoses to your hot and cold water supply lines. Use plumber's tape on the threaded connections for a watertight seal.
- 6. Test for Leaks:** Slowly turn on the main water supply. Check all connections for any signs of leaks. If leaks are present, tighten the connections slightly until they stop.
- 7. Flush the Faucet:** Open the faucet handle to allow water to flow for a few minutes. This will flush out any debris from the new installation.

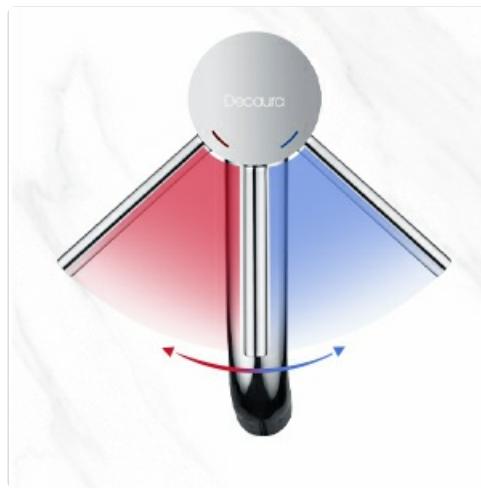


Image 5.1: Illustration of the correct method for securing the faucet from underneath the sink using a screwdriver, contrasting with an incorrect method.

6. OPERATION

The Decaura Bathroom Basin Mixer Faucet features a single lever handle for controlling both water flow and temperature.

- **Water Flow Control:** Lift the handle upwards to increase water flow. Push the handle downwards to decrease or shut off water flow.
- **Temperature Control:** Move the handle to the left for hot water and to the right for cold water. Adjust the handle position between left and right to achieve your desired water temperature.

Smooth Single-Handle Control

Easily adjust to your ideal temperature

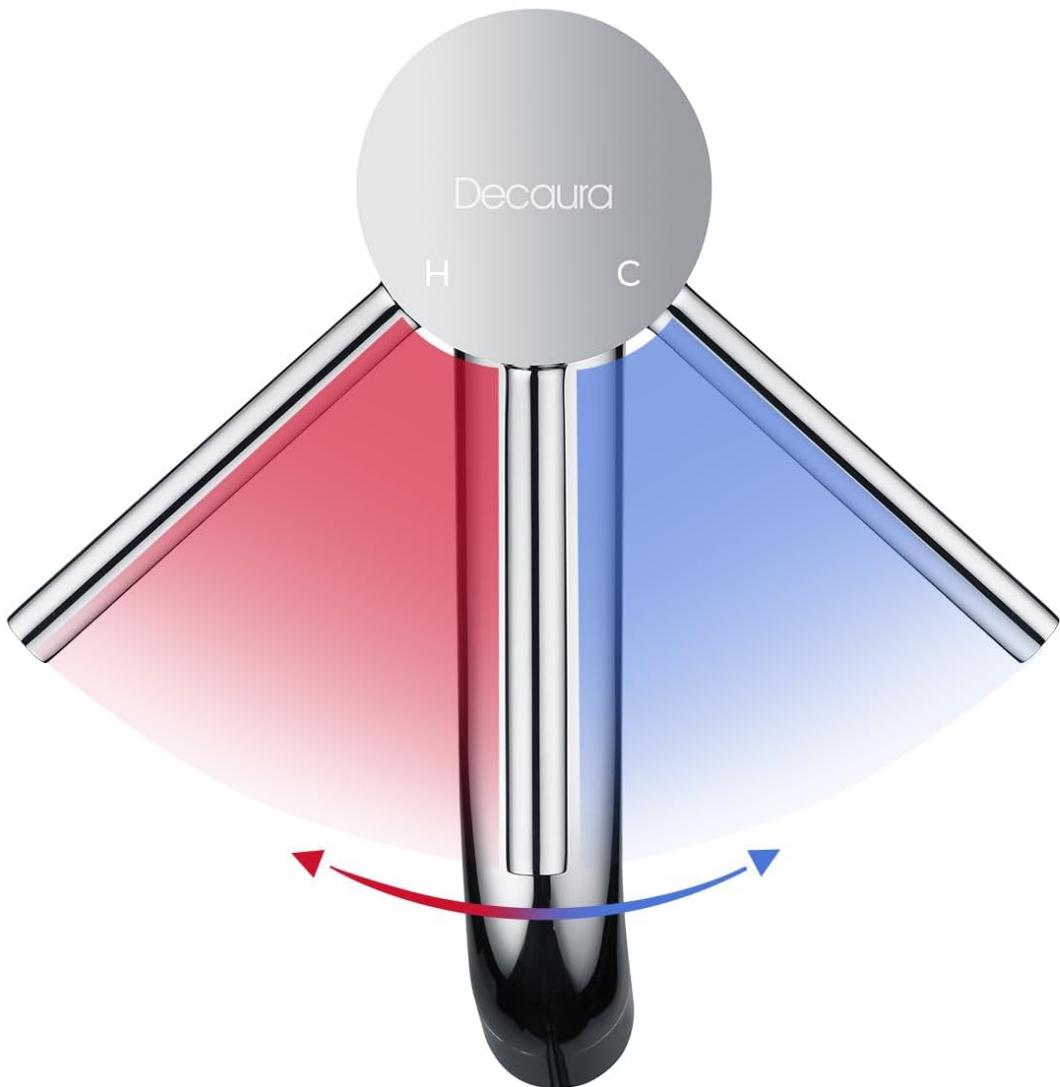


Image 6.1: Diagram illustrating the smooth single-handle control, showing the range of motion for adjusting water temperature from hot (red) to cold (blue).

7. MAINTENANCE AND CARE

Proper maintenance will ensure the longevity and continued performance of your Decaura faucet.

- Cleaning the Finish:** Clean the chrome finish regularly with a soft cloth and mild soap or a non-abrasive cleaner specifically designed for chrome. Avoid using abrasive cleaners, scouring pads, or harsh chemicals, as these can damage the finish.
- Aerator Cleaning:** If water flow becomes restricted or uneven, the aerator may be clogged with mineral deposits. Unscrew the aerator from the end of the spout, clean any debris or mineral buildup, and rinse thoroughly before reattaching.
- Cartridge Care:** The ceramic cartridge is designed for long-term durability. If you experience persistent drips or leaks from the handle, the cartridge may need inspection or replacement. Contact customer support for assistance.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your faucet.

Problem	Possible Cause	Solution
Low Water Flow	Clogged aerator; partially closed shut-off valve; kinked supply hose.	Clean the aerator (see Maintenance); ensure shut-off valves are fully open; check supply hoses for kinks.
Leaking from Spout	Worn cartridge; debris in cartridge.	Contact customer support for cartridge replacement or inspection.
Leaking from Base	Loose mounting nut; damaged O-ring/gasket.	Tighten the mounting nut underneath the sink; inspect and replace O-rings/gaskets if damaged.
Difficulty Adjusting Temperature	Cartridge issue; unbalanced water pressure.	Ensure hot and cold water supplies are fully open; contact customer support if problem persists.

9. WARRANTY AND SUPPORT

Decaura offers a **3-year warranty** on this basin mixer faucet. This warranty covers manufacturing defects and material flaws under normal use and service.

The warranty does not cover damage caused by improper installation, misuse, abuse, accident, or unauthorized repairs. Please retain your proof of purchase for warranty claims.

For any questions, technical assistance, or warranty claims, please do not hesitate to contact us via email. Our customer support team is ready to assist you.

For more information, visit the official Decaura website or refer to your purchase platform for seller contact details.