

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Ideal Standard](#) /
- › [Ideal Standard BC174XG CERALINE Basin Mixer User Manual](#)

## Ideal Standard BC174XG

# Ideal Standard BC174XG CERALINE Basin Mixer

**Model:** BC174XG | **Brand:** Ideal Standard

## INTRODUCTION

Thank you for choosing the Ideal Standard BC174XG CERALINE Basin Mixer. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new basin mixer. Please read these instructions carefully before installation and retain them for future reference.



*Figure 1: Ideal Standard BC174XG CERALINE Basin Mixer installed.*

The Ideal Standard CERALINE Basin Mixer is a single-lever faucet designed for deck mounting, featuring an adjustable spout and a 38mm cartridge with an EKO system for water efficiency. Its sleek black finish complements modern bathroom aesthetics.

## **SAFETY INFORMATION**

---

- Always turn off the main water supply before beginning any installation or maintenance work.
- Ensure all connections are secure to prevent leaks.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Do not use abrasive cleaners or harsh chemicals on the faucet's finish, as this may cause damage.
- Protect the product from freezing temperatures.

## **PACKAGE CONTENTS**

---

Before starting the installation, please verify that all components are present:

- 1 x Ideal Standard BC174XG CERALINE Basin Mixer (main faucet body with handle and spout)
- Mounting hardware (gaskets, washers, fixing nut, threaded rod)
- Flexible connection hoses (typically 2x G3/8)
- 2 x Instruction Manuals (this document and potentially a manufacturer's specific guide)

## SPECIFICATIONS

Feature	Specification
Brand	Ideal Standard
Model Name	CERALINE
Part Number	BC174XG
Color	Black (Matt Finish)
Material	Ceramic (cartridge/handle), Metal (body)
Mounting Type	Deck Mount, Single Hole
Number of Handles	1 (Single-lever)
Spout Reach	225 mm
Spout Height	320 mm
Cartridge	38mm with EKO system (Water-saving)
Maximum Flow Rate	9 Liters Per Minute
Item Weight	1.4 kg (3.07 pounds)
Product Dimensions	15.94 x 3.54 x 1.59 inches

## SETUP AND INSTALLATION

This section outlines the general steps for installing your Ideal Standard CERALINE Basin Mixer. Refer to the detailed technical drawing and the separate manufacturer's instruction manual for precise measurements and specific instructions.

### Tools Required (Not Included):

- Adjustable wrench
- Screwdriver
- Sealant tape (PTFE tape)
- Basin wrench (optional, for tight spaces)

### Installation Steps:

1. **Prepare the Sink:** Ensure the mounting hole in your basin is clean and has a diameter of approximately Ø35mm to Ø40mm, as indicated in the diagram.
2. **Install the Faucet:** Insert the faucet body into the mounting hole from above. Ensure the base gasket is correctly

positioned between the faucet and the sink surface.

3. **Secure the Faucet:** From underneath the sink, slide the rubber washer, metal washer, and fixing nut onto the threaded rod. Tighten the fixing nut securely using the Easy Fix Quick Mounting System to prevent the faucet from moving.
4. **Connect Water Supply Lines:** Attach the flexible hot and cold water supply hoses (2x G3/8) to the corresponding inlets on the faucet body. Use sealant tape on the threads if necessary. Connect the other ends of the hoses to your hot and cold water supply valves.
5. **Check for Leaks:** Slowly turn on the main water supply and check all connections for any signs of leakage. Tighten connections as needed.
6. **Test Operation:** Operate the faucet to ensure proper water flow and temperature control.



Figure 2: Technical drawing showing dimensions and installation points. Note the  $\text{Ø}40\text{mm}$  base,  $\text{Ø}35\text{mm}$  hole requirement, and 2xG3/8 connections.

## OPERATING INSTRUCTIONS

The Ideal Standard CERALINE Basin Mixer features a single lever for controlling both water flow and temperature.

- **Water Flow Control:** Lift the lever upwards to increase water flow. Push it downwards to decrease flow and turn off the water.
- **Temperature Control:** Move the lever to the left for hot water and to the right for cold water. The further you move it, the higher the proportion of hot or cold water.
- **EKO System (Water-saving):** The 38mm ceramic cartridge incorporates an EKO system. When lifting the lever, you may feel a slight resistance at a certain point. This is the EKO stop, which limits water flow to save water. To achieve maximum flow, gently push the lever past this resistance point.
- **Adjustable Spout:** The faucet features an adjustable spout. It can be swiveled 360 degrees to direct water flow as needed.

## MAINTENANCE

Proper maintenance will ensure the longevity and appearance of your basin mixer.

### Cleaning the Faucet:

- Clean the black matt finish regularly with a soft, damp cloth and mild soap.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.
- **Do not use** abrasive cleaners, scouring pads, ammonia-based cleaners, or any harsh chemicals, as these can damage the finish.

### Aerator Maintenance:

- If water flow decreases or becomes uneven, the aerator may be clogged with sediment.
- Unscrew the aerator from the end of the spout.
- Rinse the aerator screen under running water to remove any debris. For stubborn deposits, soak in a vinegar solution.
- Reattach the aerator, ensuring it is securely tightened.

### Cartridge Replacement:

If the faucet drips or experiences persistent issues with temperature or flow control, the ceramic cartridge may need replacement. This is a more advanced task and may require professional assistance. Ensure the main water supply is turned off before attempting cartridge replacement.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Low water flow	Clogged aerator; partially closed stopcock; kinked supply hose.	Clean or replace aerator; ensure stopcocks are fully open; check supply hoses for kinks.
Faucet drips or leaks	Worn cartridge; loose connections.	Tighten connections; replace ceramic cartridge (professional assistance recommended).
Inconsistent water temperature	Faulty cartridge; issues with water heater.	Replace cartridge; check water heater settings and function.
Water leaks from base of faucet	Loose mounting nut; damaged base gasket.	Tighten mounting nut; replace base gasket.

## WARRANTY INFORMATION

---

Ideal Standard products are manufactured to high-quality standards and are covered by a manufacturer's warranty. Please refer to the separate warranty document included with your purchase or visit the official Ideal Standard website for detailed terms and conditions regarding your BC174XG CERALINE Basin Mixer.

## SUPPORT

---

For further assistance, technical support, or to inquire about replacement parts, please contact Ideal Standard customer service. Contact details can typically be found on the manufacturer's website or in the separate documentation provided with your product.

**Website:** [www.idealstandard.com](http://www.idealstandard.com) (Please check for your regional website)