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› Cornat NERSC1 Noir Single Lever Washbasin Mixer Tap Instruction Manual

## Cornat NERSC1

# Cornat NERSC1 Noir Single Lever Washbasin Mixer Tap Instruction Manual

Model: NERSC1 (Washbasin tap M.2)

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Cornat NERSC1 Noir Single Lever Washbasin Mixer Tap. Please read these instructions carefully before installation and use to ensure proper function and longevity of the product. This tap is designed for washbasin applications, providing both cold and hot water supply through a single lever mechanism.



*Image 1.1: The Cornat NERSC1 Noir Single Lever Washbasin Mixer Tap. This image displays the overall design of the tap, featuring a matte black body with chrome accents on the lever and base.*

## 2. SAFETY INFORMATION

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- Ensure the main water supply is turned off before beginning any installation or maintenance work.
- 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 tap's surface, as this may damage the finish.
- Protect the product from frost.

## 3. PACKAGE CONTENTS

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Verify that all components listed below are present in the package before starting installation:

- 1 x Washbasin Tap (Cornat NERSC1 Noir)
- 1 x Connection Hose Set (450 mm length)
- 1 x Pressure Drain Valve (1 1/4 inch)
- Mounting Accessories (washers, nuts, shaft attachment)



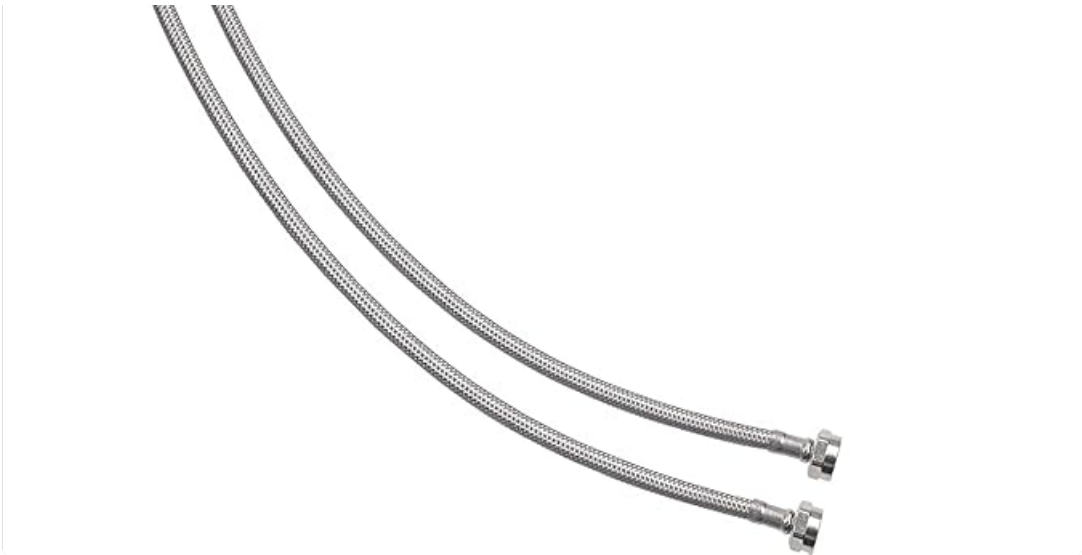


Image 3.1: Exploded view of the Cornat NERSC1 tap and its components. This image shows all parts included in the package, such as the tap body, connection hoses, drain valve, and various mounting hardware.

## 4. SPECIFICATIONS

| Feature                | Detail                                |
|------------------------|---------------------------------------|
| Brand                  | Cornat                                |
| Model Name             | Noir (NERSC1)                         |
| Application            | Washbasin                             |
| Design                 | Single-Lever Mixer Tap                |
| Water Supply           | Cold and Hot Water (High Pressure)    |
| Mounting Type          | Deck Mount (Stand Mounting), 1-Hole   |
| Material               | Brass Body                            |
| Finish                 | Matt Black / Chrome-plated            |
| Total Height           | 151 mm                                |
| Total Depth            | 163 mm                                |
| Outlet Height          | 95 mm                                 |
| Outreach (Spout Reach) | 120 mm                                |
| Connection Hose Length | 450 mm                                |
| Aerator                | Low-noise, water-saving jet (M24 x 1) |
| Drain Valve            | Pull rod operated, 1 1/4 inch         |
| Cartridge              | Ceramic sealing washers               |

| Feature            | Detail                               |
|--------------------|--------------------------------------|
| Item Weight        | 1.37 Kilograms (approx. 3.02 pounds) |
| Product Dimensions | 11.02 x 6.3 x 3.94 inches (approx.)  |

## ➤ Produkt-Abmessungen

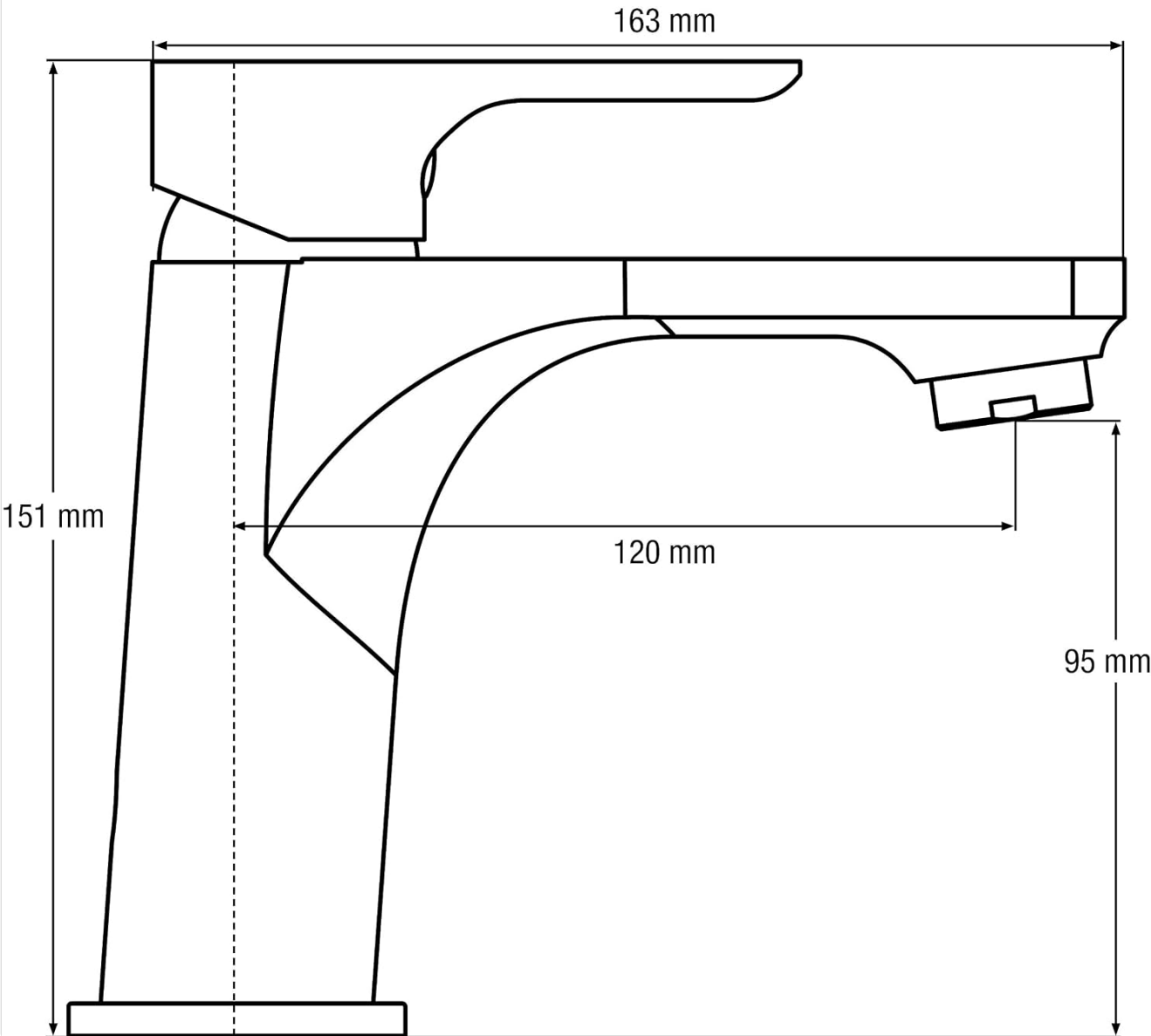


Image 4.1: Technical drawing illustrating the dimensions of the Cornat NERSC1 tap. Key measurements such as total height (151 mm), total depth (163 mm), outlet height (95 mm), and outreach (120 mm) are clearly marked.

## 5. INSTALLATION (SETUP)

Follow these steps for a tool-free and secure installation of your washbasin mixer tap.

### 5.1 Pre-Installation

1. **Turn off Water Supply:** Locate the main water shut-off valve for your bathroom and turn it off. Open existing taps to drain any remaining water from the pipes.

2. **Clear Area:** Ensure the washbasin area is clean and free of obstructions.
3. **Inspect Components:** Verify all parts listed in Section 3 are present and undamaged.

## 5.2 Tap Installation

1. **Insert Hoses:** Screw the two flexible connection hoses into the base of the tap body. Ensure they are hand-tightened securely.
2. **Position Tap:** Place the tap onto the washbasin, feeding the connection hoses and the threaded shaft through the single tap hole.
3. **Secure Tap:** From underneath the washbasin, slide the rubber washer, metal washer, and then the fixing nut onto the threaded shaft. Tighten the fixing nut using the provided shaft attachment mechanism. This tool-free design allows for easy and secure fastening.
4. **Connect Water Lines:** Connect the flexible hoses to the corresponding hot and cold water supply lines. The hot water connection is typically on the left (marked with red), and cold on the right (marked with blue). Use appropriate wrenches to tighten connections, but do not overtighten.



*Image 5.1: Close-up view of the tap's base, showing the threaded shaft and connection points for hoses. This illustrates the effortless shaft attachment design for easy installation.*

### 5.3 Drain Valve Installation

1. **Assemble Drain Valve:** Follow the instructions provided with the pressure drain valve to assemble it.
2. **Install in Basin:** Insert the drain valve into the drain hole of the washbasin, ensuring proper sealing with gaskets.
3. **Connect Pull Rod:** Connect the pull rod from the tap to the drain valve mechanism. Test its operation to ensure the drain plug opens and closes smoothly.



*Image 5.2: The Cornat NERSC1 tap fully installed on a washbasin. This image provides a visual reference for the completed installation, showing the tap's position relative to the sink.*

## 5.4 Post-Installation

1. **Check for Leaks:** Slowly turn on the main water supply. Check all connections for leaks. Tighten any leaking connections gently.
2. **Flush Lines:** Open the tap and let water run for a few minutes to flush out any debris from the pipes.

## 6. OPERATION

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The Cornat NERSC1 features a single lever for convenient control of water flow and temperature.

### 6.1 Water Flow and Temperature Control

- **Flow Control:** Lift the lever upwards to increase water flow. Push it downwards to decrease or stop the flow.
- **Temperature Control:** Move the lever to the left for hot water and to the right for cold water. The tap allows for fine adjustment of the desired water temperature.



*Image 6.1: Close-up of the single lever handle with hot (red dot) and cold (blue dot) indicators. This image demonstrates the intuitive control for adjusting water temperature and flow.*

## **6.2 Aerator Function**

The integrated low-noise aerator (M24 x 1) ensures a soft, splash-free, and water-saving jet while maintaining comfort.



*Image 6.2: Close-up view of the aerator at the tap's spout. This component mixes air with water to create a smooth, consistent flow and reduce water consumption.*

### 6.3 Drain Plug Operation

The drain plug is operated conveniently via a pull rod located at the rear of the tap body. Pull the rod up to close the drain and push it down to open it.

## 7. MAINTENANCE

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

### 7.1 Cleaning

- Clean the tap regularly with a soft cloth and mild soap or a non-abrasive cleaner specifically designed for bathroom fixtures.
- Avoid using abrasive sponges, scouring pads, or harsh chemical cleaners (e.g., bleach, ammonia-based products) as these can damage the matte black and chrome finishes.

- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.

## 7.2 Aerator Cleaning

- If water flow becomes restricted or uneven, the aerator may be clogged with mineral deposits.
- Unscrew the aerator from the spout (it may require a small wrench or coin).
- Rinse the aerator screen under running water and gently brush away any debris. For stubborn mineral deposits, soak the aerator in a solution of equal parts white vinegar and water for a few hours.
- Reattach the aerator, ensuring it is securely tightened.

## 7.3 Cartridge Replacement

The tap is equipped with a quality cartridge featuring low-wear ceramic sealing washers for long-term reliability. If the tap begins to drip or leak from the handle, the cartridge may need replacement. This is an advanced maintenance task and may require professional assistance.

- Turn off the water supply to the tap.
- Remove the handle and any decorative caps to access the cartridge.
- Unscrew the cartridge retaining nut and carefully remove the old cartridge.
- Insert a new, compatible cartridge, ensuring it is correctly oriented.
- Reassemble the tap in reverse order.

# 8. TROUBLESHOOTING

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

| Problem                           | Possible Cause                                      | Solution                                                                                                 |
|-----------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Water dripping from spout         | Worn cartridge or debris in cartridge.              | Replace the ceramic cartridge (refer to Section 7.3).                                                    |
| Low water flow                    | Clogged aerator or partially closed shut-off valve. | Clean the aerator (refer to Section 7.2). Ensure water supply valves are fully open.                     |
| Water leaking from base of tap    | Loose mounting nut or damaged O-rings/gaskets.      | Tighten the mounting nut underneath the basin. Check and replace O-rings/gaskets if damaged.             |
| Difficulty adjusting temperature  | Cartridge issue or unbalanced water pressure.       | Ensure hot and cold water supplies are fully open. If problem persists, consider cartridge replacement.  |
| Drain plug not operating smoothly | Misaligned or obstructed pull rod.                  | Check the connection and alignment of the pull rod to the drain valve mechanism. Clear any obstructions. |

# 9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your purchase or contact your retailer. For technical support or spare parts, please contact Cornat customer service through their official

website or the contact information provided with your product documentation.

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