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› NARWAL Freo Z Ultra Robot Vacuum Instruction Manual

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NARWAL Freo Z Ultra Robot Vacuum Instruction Manual

Model: Freo Z Ultra

PRODUCT OVERVIEW

The NARWAL Freo Z Ultra is an advanced robotic vacuum and mop designed for comprehensive floor cleaning. It features dual 1600x1200 HD cameras and dual AI chips for real-time cleaning decisions and advanced obstacle avoidance. The accompanying base station provides automated self-emptying, hot water mop washing, and self-drying capabilities for a hands-free cleaning experience.



Figure 1: NARWAL Freo Z Ultra Robot Vacuum and Base Station.

SETUP GUIDE

Follow these steps to set up your NARWAL Freo Z Ultra for the first time.

1. Unboxing and Component Check

Carefully remove all components from the packaging. Ensure all items listed below are present:

- Robot Vacuum x 1
- Base Station x 1
- Side brush x 1 pair
- Base station power cord x 1
- Floor detergent x 1
- Extension ramp x 1
- Dust bin filter x 1
- Base station dust bag x 1
- Baseboard cleaning module x 1

- Baseboard rag x 3
- Replaceable insert bin x 1
- Product manual x 1

2. Base Station Placement

Place the base station on a hard, flat surface against a wall, ensuring there is adequate clear space around it (at least 0.5 meters on both sides and 1.5 meters in front). Plug the power cord into the base station and a wall outlet.

3. Initial Fill-Up

Open the top cover of the base station. Remove the clean water tank (purple) and fill it with clean tap water. Add the specified amount of NARWAL floor detergent to the designated compartment. Reinsert the tank and close the cover.

Ultra-Quiet 8-in-1 Base Station

The complete cleaning pit stop that works at low volume.



Whisper-
Quiet



Adaptive Hot
Mop Washing



Self-Emptying



Self-Drying



Self-Cleaning



Auto Refilling



Electrolyzed
Water



Auto Water
Exchange*



*The auto water exchange system is sold separately.

Figure 2: Internal view of the Ultra-Quiet 8-in-1 Base Station, highlighting the water tanks and self-cleaning features.

4. Robot Preparation

Attach the side brushes and mop pads to the robot vacuum as instructed in the quick start guide. Ensure all protective films are removed from the robot and base station sensors.



Figure 3: The robot vacuum with its mop pads and brush, ready for operation.

5. App Connection and Mapping

Download the NARWAL app from your device's app store. Follow the in-app instructions to connect your Freo Z Ultra. The robot will perform an initial mapping of your home, which can be viewed and customized within the app.

OPERATING YOUR ROBOT VACUUM

The NARWAL Freo Z Ultra offers intelligent cleaning modes and features for optimal performance.

Cleaning Modes

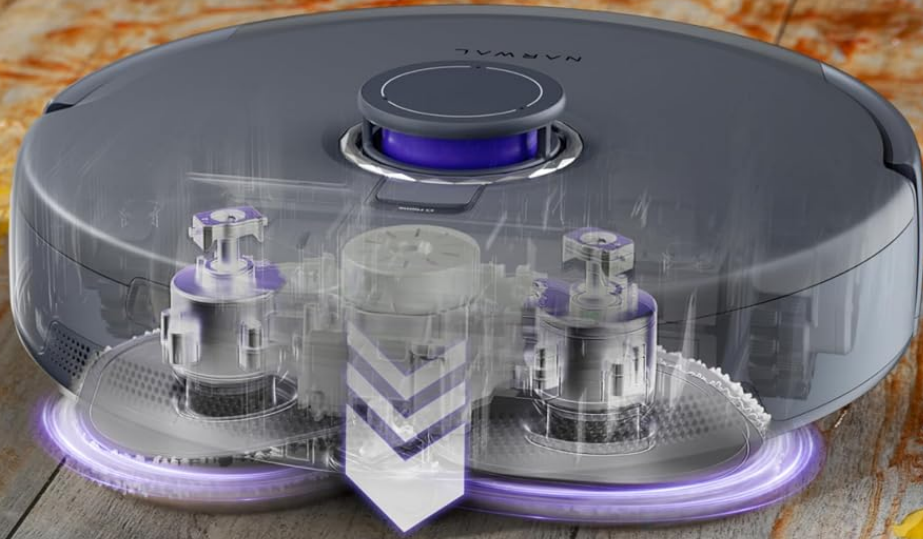
- **Vacuum Only:** For dry debris and dust. The 12,000Pa suction effectively lifts dirt from carpets and hard floors.
- **Mop Only:** For wet spills and stains. Dual mops apply 1.2 kg of downward force and scrub at 180 RPM.
- **Vacuum & Mop:** Combines both functions for a thorough clean. The robot intelligently identifies wet and dry messes to deploy the optimal cleaning mode.



Figure 4: The robot vacuum demonstrating its powerful 12,000Pa suction on various debris.

Easily Tackles Stubborn Stains

1.2 kg* downward pressure and 180 RPM* scrubbing mops clean deep and remove dried-on stains.



Ketchup



Coffee Stains



Mud

* Lab tests. Actual results may vary.

Figure 5: The robot vacuum effectively tackling stubborn stains with its mopping function.

Real-Time Cleaning Mode Adjustments

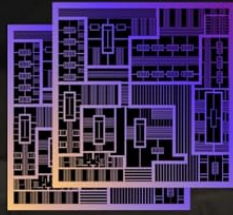
Real-time intelligent identification of wet and dry messes deploys the optimal cleaning mode to prevent spreading.



Figure 6: The robot's real-time cleaning mode adjustments for different types of messes.

Advanced Navigation and Obstacle Avoidance

Equipped with dual HD cameras and AI chips, the Freo Z Ultra recognizes over 120 objects, allowing it to navigate precisely and avoid obstacles like pet accidents, furniture, and cables. It also features EdgeSwing technology for thorough cleaning along walls and a baseboard cleaning module for vertical surfaces.



See Wider, React Faster

Precision avoidance for hard-to-spot hazards like tangled cables while maximizing cleaning coverage.

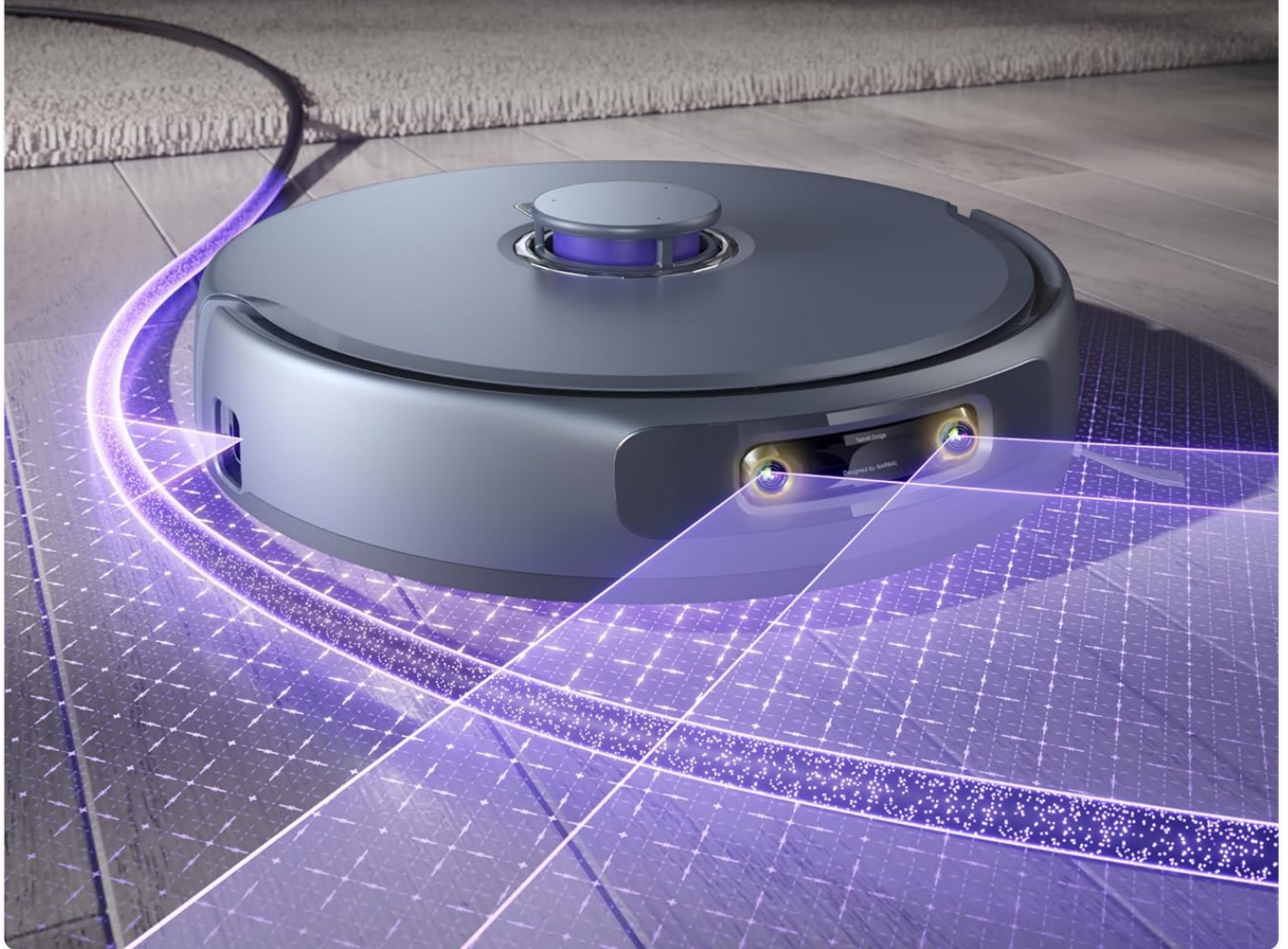


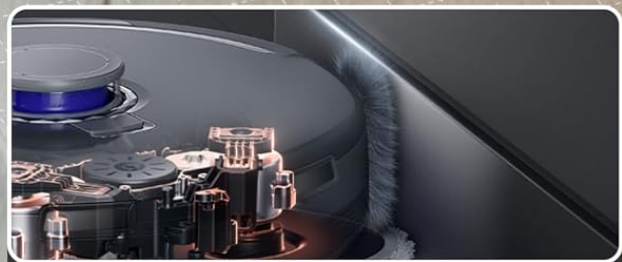
Figure 7: The robot vacuum's advanced obstacle avoidance system, allowing it to "See Wider, React Faster."

Clean in a New Dimension

Remove dirt from right up to the wall, and even on the baseboard itself.



Edge Cleaning



Baseboard Module

Figure 8: The robot's ability to clean edges and baseboards effectively.

Carpet Handling

The robot can detect carpets and automatically lift its mops by 12mm (0.67 inches) to prevent wetting while boosting suction for deep carpet cleaning. It avoids long-pile carpets to prevent entanglement.

App and Voice Control

Manage your cleaning preferences, schedule cleanings, and define no-go zones through the intuitive NARWAL app. The robot also supports voice commands via Alexa, Siri, or Google Home for convenient control.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your NARWAL Freo Z Ultra.

Base Station Maintenance

- **Self-Emptying:** The base station automatically empties the robot's dustbin into a 2.5L dustbag, providing up to 120 days of maintenance-free dust disposal.
- **Mop Washing and Drying:** The base station cleans the mop pads with hot water (104°F to 140°F, finishing at 167°F for hygiene) and then self-dries them to prevent odors and mildew.
- **Water Tank Management:** Regularly empty the dirty water tank and refill the clean water tank. The app will notify you when these actions are required.
- **Detergent Replacement:** Replace the floor detergent cartridge when empty.

Robot Vacuum Maintenance

- **Brush Cleaning:** The certified tangle-free brush minimizes hair entanglement, but occasional inspection and cleaning are recommended.
- **Sensor Cleaning:** Wipe the robot's sensors and charging contacts with a dry cloth periodically to ensure proper navigation and charging.
- **Dustbin Filter:** Replace the dust bin filter as needed to maintain suction performance.

Certified Zero-Tangling

The SGS-certified* tangle-free roller brush easily picks up hair and fur without tangling, even on carpets.



Freo Z Ultra

VS



Other



* Data is from SGS. SGS-certified 0% hair tangling rate.

Figure 9: The certified zero-tangling brush effectively manages pet hair, reducing maintenance.

TROUBLESHOOTING

If you encounter issues with your NARWAL Freo Z Ultra, refer to the following common solutions or consult the NARWAL app for specific error codes.

Problem	Possible Cause	Solution
Robot not charging	Charging contacts are dirty or robot is not properly docked.	Clean the charging contacts on both the robot and base station. Ensure the robot is correctly aligned with the base station.

Problem	Possible Cause	Solution
Poor cleaning performance	Dustbin full, filter clogged, or mop pads dirty/worn.	Empty the dustbin, clean or replace the filter, clean or replace mop pads. Check for obstructions in the brush.
Robot gets stuck frequently	Obstacles in the cleaning path or mapping issues.	Clear the area of small objects, cables, and loose rugs. Update the map in the app or create no-go zones for problem areas.
App connectivity issues	Weak Wi-Fi signal or incorrect network settings.	Ensure your Wi-Fi is 2.4GHz. Restart your router, robot, and phone. Repair the device in the app if necessary.

SPECIFICATIONS

- **Brand:** NARWAL
- **Model Name:** Freo Z Ultra
- **Color:** Grey Freo Z Ultra
- **Product Dimensions:** 19.1"L x 17.5"W x 25.3"H
- **Item Weight:** 43 pounds
- **Power Source:** Battery Powered
- **Battery Life:** 2.5 Hours
- **Filter Type:** Sponge
- **Control Method:** App
- **Special Feature:** Auto Mop Washing
- **Suction Power:** 12,000Pa
- **Mop Pressure:** 1.2 kg downward force
- **Mop Speed:** 180 RPM
- **Dustbag Capacity:** 2.5L (up to 120 days)
- **First Available:** June 19, 2024

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official NARWAL website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims. Additional protection plans may be available for extended coverage. Please check with your retailer for details.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question