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> NARWAL Freo X10 Pro Robot Vacuum and Mop Combo Instruction Manual

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Model: Freo X10 Pro | Brand: NARWAL

1. PRODUCT OVERVIEW

The NARWAL Freo X10 Pro is an advanced robot vacuum and mop combo designed for comprehensive floor cleaning. It features powerful suction, intelligent navigation, and an all-in-one base station for automated maintenance.



Image: The NARWAL Freo X10 Pro robot vacuum and its accompanying base station, shown alongside a smartphone displaying the control app interface and a smartwatch with the Narwal logo.

2. SETUP GUIDE

2.1 Unpacking and Component Check

Carefully unpack all components and verify against the following list:

- Robot (Main Robot Body, Anti-tangle Roller Brush, Mop Pads (Pair), Dust Collection Bin & HEPA Filter (with liner))
- Dust Collection Base Station (Base Station Body, Cleaning Module, Clean Water Tank, Dirty Water Tank)
- Accessories: Ramp Extension Pad, Anti-tangle Side Brush (Right), Power Cord, User Manual, Base Station Dust Bag

What's in the Box



Image: A visual representation of all components included in the NARWAL Freo X10 Pro packaging, including the robot, base station, and various accessories.

2.2 Initial Installation Steps

1. **Network Pairing:** Scan the QR code located under the robot's top cover. Follow the in-app instructions to connect the device to your Wi-Fi network. **Note:** The Freo X10 Pro supports

2.4GHz Wi-Fi only (5GHz networks are not supported).

2. **Install Accessories:** Attach the side brush to the robot. Place the dust bag into the designated compartment within the base station.
3. **Check Cleaning Filter:** Ensure the replaceable cleaning filter is correctly installed on the cleaning base.
4. **Power Connection:** Connect the power cord to the base station and plug it into a 100-240V power outlet.

3. OPERATING INSTRUCTIONS

3.1 Cleaning Modes and Features

- **11,000Pa Hyper Suction:** Provides powerful vacuuming for deep cleaning on various floor types. Features carpet detection with 12mm auto mop lift to protect rugs.
- **DualFlow Tangle-Free System:** Designed to minimize hair wrap around brushes. A dynamic side brush loosens debris, and the roller brush guides hair into the dustbin.
- **MopExtend & EdgeSwing:** Enhances edge and corner cleaning by extending the mop and performing dynamic movements to reach tight spaces.
- **Dual Spinning Mops:** Applies 8N pressure and 180 RPM rotation to effectively scrub stubborn stains. The Reuleaux Triangular Mop design maximizes coverage.
- **LiDAR Navigation & 3D Obstacle Avoidance:** Utilizes Forward 3D Structured Light and LiDAR scanning for precise object detection, optimal route planning, and multi-level mapping (up to 4 maps).

11,000 Pa* Power, No Dust Left Behind

The vacuum nozzle powerfully lifts hidden debris, dust, and hair from floors and carpets for a thorough clean.



Hair



Pet Food



Food Crumbs



Hidden Dus



*Lab tests. Actual results may vary.

Image: The robot vacuum operating on a hard floor, illustrating its 11,000Pa suction power by showing debris being pulled into the device.

Every Corner Covered, Every Twist Cleans

The MopExtend System is designed for tricky edges and corners, ensuring a meticulous, sparkling finish with dynamic, efficient movements.



*Lab tests. Actual results may vary. Extend and swing motions are only activated in Freo Mind Mode.

Image: The robot vacuum extending its mop to clean along the edges of a wall, demonstrating the MopExtend feature for thorough corner and edge coverage.

Where Stains Meet Their End

Effortlessly scrubs tough stains with high-pressure mopping. The patented Reuleaux Triangular Mop delivers 10mm* wider coverage than circular mops, ensuring no strip is left behind.

8N*

Downward Pressure

180RPM*

Rotation Speed



Patented Reuleaux Mop Design*



*Lab tests. Actual results may vary.

Image: The underside of the robot vacuum showing its dual spinning mops actively scrubbing a stained hard floor, highlighting its mopping capabilities.

Millimeter Precision, Ultra-Smooth Cleaning

With Forward 3D Structured Light and sensors, it maps the optimal path and effortlessly avoids obstacles for a smooth clean.



Image: The robot vacuum navigating a room, with blue light beams illustrating its LiDAR and 3D Structured Light sensors detecting and avoiding small objects on the floor.

3.2 Smart App and Voice Control

The NARWAL Freo X10 Pro can be controlled via a dedicated smartphone application and voice assistants (Works with Alexa).

- Schedule cleanings.
- Set no-go zones.
- Manage multiple floor maps.
- Adjust cleaning parameters and modes.

Tailored Cleaning with Smart Features



- ✔ Multi-Level Mapping
- ✔ Careful Carpet Cleaning
- ✔ Set Up No-Go Zones
- ✔ Scheduled Cleaning
- ✔ Deep Cleans Heavy Dirt Areas
- ✔ Auto Deep-Clean for Missed Areas

Voice Activated Cleaning



Image: A person interacting with a smart speaker to issue voice commands to the NARWAL Freo X10 Pro robot vacuum, demonstrating voice control functionality.

3.2.1 Spot Cleaning in App

Your browser does not support the video tag.

Video: This video demonstrates how to use the Narwal Freo App to initiate spot cleaning. It shows navigating to the device homepage, tapping 'Zone', adjusting the cleaning area, selecting 'Vacuum and Mop', and starting the cleaning process for a specific zone.

3.2.2 Map Editing - No-Go Zones

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Video: This video illustrates how to edit maps and set no-go zones within the Narwal Freo App. It guides users through accessing map editing, defining no-go areas, and saving the changes to prevent the robot from entering specific locations.

3.2.3 Create Quick Tasks in App

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Video: This video demonstrates the process of creating quick tasks in the Narwal Freo App. It shows how to add a shortcut, select cleaning areas and modes, adjust cleaning parameters, and rename the shortcut for easy access to customized cleaning routines.

4. MAINTENANCE

4.1 All-in-One Base Station Maintenance

The base station is designed for hands-free upkeep, performing automatic mop washing and drying with warm air, and self-emptying the dustbin.

- **Self-Emptying:** The extra-large dust bag can store up to 120 days of debris.
- **Auto Mop Wash & Dry:** Mops are automatically washed and dried with warm air to prevent odors and bacterial growth.



Image: The NARWAL Freo X10 Pro base station highlighting its key features: auto dust compression, 120-day self-empty dock, auto mop washing, 45°C air drying, detachable dock base, and station self-cleaning.

4.2 DualFlow Tangle-Free System Maintenance

To maintain optimal performance and prevent hair tangling:

- Regularly check the roller brush and side brush for frayed bristles, damage, or hair tangling.
- If tangling occurs:
 - a. Remove the side brush and clear any hair from both ends.
 - b. Use scissors to cut and remove tangled hair from the roller brush.
 - c. Inspect the bristles; replace if they are worn or damaged before reinstalling.

4.3 Cleaning Solution Usage

The Freo X10 Pro does not include floor cleaner, allowing you to choose your preferred solution:

- **Using a Cleaner:** Purchase Narwal cleaning tablets through official channels or contact Narwal Customer Support for details.
- **Chemical-Free Cleaning:** Simply use water. The robot still delivers powerful mopping without additives.

Safety Note: Always keep cleaning tablets out of reach of children and pets to prevent accidental ingestion.

4.3.1 Manage Accessories in App

Your browser does not support the video tag.

Video: This video demonstrates how to manage accessories and view their usage status within the Narwal Freo App. It shows navigating to 'Manage Accessories' in the settings to check replacement countdowns and access maintenance guides for various components.

4.3.2 Adjust Drying Intensity

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Video: This video shows how to adjust the drying intensity settings for the base station within the Narwal Freo App. Users can select between 'Silent Drying', 'Strong Drying', or 'Smart Drying' modes to optimize mop drying based on their preferences.

5. TROUBLESHOOTING

5.1 Robot Disconnects from App

If your robot disconnects from the Narwal Freo App:

1. **Verify 2.4GHz Network:** Ensure your router's 2.4GHz band is active. The Freo X10 Pro does not support 5GHz Wi-Fi.
2. **Reconnect the Robot:** Open the Narwal Freo App and navigate to the device homepage. Tap the Settings icon (top-right corner), select 'Device' > 'Reset Network', and follow the on-screen prompts to reconnect.

5.2 Cleaning Heavily Soiled Areas

The Freo X10 Pro, powered by Freo Advice 1.0, offers two methods for cleaning heavily soiled areas:

1. **Increase Cleaning Passes Manually:** Go to 'Cleaning Options' > 'Customize' > 'Vacuum & Mop Cycle' and set additional passes per session.
2. **Set a "Heavily Soiled Room" in the App:** Tap the Map icon (right side) > 'Map Editing' > 'Heavily Soiled Room' > Choose the desired room. The robot will automatically adjust its routine to perform extra passes for a thorough clean.

6. SPECIFICATIONS

Brand	NARWAL
Model Name	Freo X10 Pro

Item Model Number	YJCC027
Color	White
Product Dimensions	19"L x 15.2"W x 20.7"H
Item Weight	39.6 pounds
Power Source	Battery Powered
Battery Life	210 minutes
Filter Type	Sponge
Voltage	100-240V
Wi-Fi Support	2.4GHz only (not 5GHz)

7. WARRANTY AND SUPPORT

7.1 Protection Plans

Optional protection plans are available for extended coverage:

- **2-Year Protection Plan:** Available for purchase.
- **3-Year Protection Plan:** Available for purchase.
- **Complete Protect:** A monthly plan covering eligible past and future purchases.

For further assistance or to inquire about cleaning tablets, please reach out to Narwal Customer Service.