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HUTT DDC56

HUTT DDC56 Window Cleaning Robot User Manual

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your HUTT DDC56 Window Cleaning Robot. Please read this manual thoroughly before using the device and retain it for future reference. The HUTT DDC56 is designed to provide an innovative solution for effortless window cleaning, ensuring streak-free results on various glass surfaces.

PRODUCT OVERVIEW

Included Components

- 1 x HUTT DDC56 Window Cleaning Robot
- 1 x Power Adapter (6 meters)
- 1 x Safety Rope (5 meters)
- 6 x Cleaning Cloths
- 1 x Remote Control
- 1 x Spray Bottle
- 1 x User Manual

Key Features

The HUTT DDC56 incorporates advanced technologies for superior window cleaning:

- **Intelligent Suction Power Adjustment:** The robot detects dirt levels on the glass and automatically adjusts suction power for optimal cleaning, increasing it for stubborn stains and reducing it for lighter dirt to protect surfaces.
- **Ultrasonic Dual Water Spray System:** Intelligent nozzles spray a fine mist of water in both directions, ensuring thorough moistening of the glass surface, effective against stubborn stains and heavy dust.
- **Dual Rotating Scrub Technology:** A unique dual-disc design with rotary scrubbing, combined with an efficient suction system, effectively removes stains for a deeper clean.
- **Multi-Safety System:** Includes a robust safety rope and an integrated Uninterruptible Power Supply (UPS) for protection against accidental falls and power outages.
- **Intelligent Edge Detection:** High-precision sensors accurately detect edges and obstacles, allowing for effortless cleaning of frameless windows. The robot plans its path and returns to the starting point

upon completion.

- **One-Click Easy Control:** Simple operation via remote control for starting, pausing, and selecting cleaning modes.



Image 1: The HUTT DDC56 Window Cleaning Robot with its remote control.

HUTT Dual Ultrasonic Misting Spray System

60ML Smart Water Tank for Precision Hydration,
Bidirectional Cleaning & Streak-Free Shine



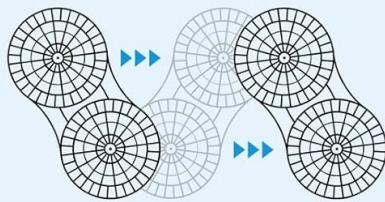
Image 2: Diagram illustrating the dual ultrasonic misting spray system for precision hydration.

Dual Rotating Scrub Technology

Dynamic Swing & Dual Rotating Pads for Deep & Consistent Cleaning

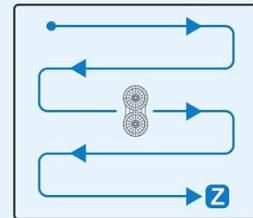


20% Faster Cleaning Efficiency



Twist & Wipe
Dust will be Absorbed
Strong Cleanliness

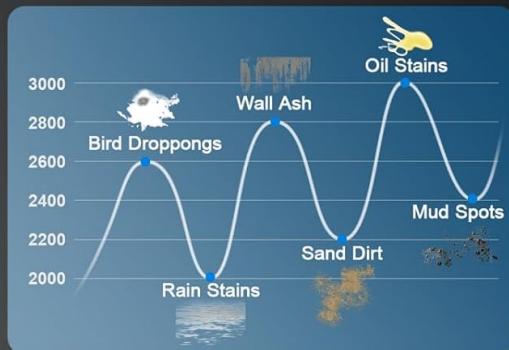
DDC56 Smart Navigation



One-click Start
Intelligent Path Planning
Powered By HUTT AI

Image 3: Diagram showing the dynamic swing and dual rotating pads for deep and consistent cleaning.

Smart Adaptive Suction for Deeper Cleaning



2000~3000PA

Auto-adjusts Power based on Surface and Dirt Level.

35N High-Pressure

Strong Suction Boosts Pressure for Better Stain Removal

Moisture-Proof Design

Optimized Airflow Prevents Moisture Damage

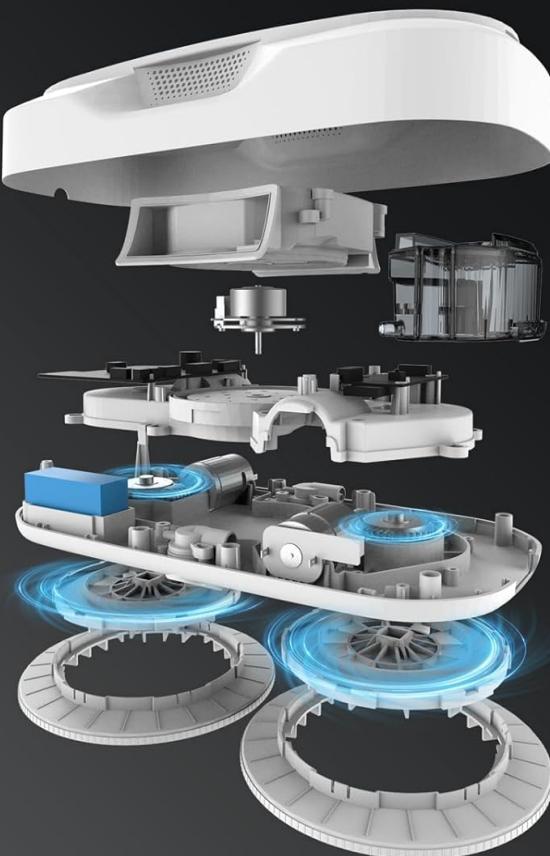


Image 4: Illustration of the smart adaptive suction mechanism, adjusting power based on surface and dirt level.

SETUP

Follow these steps to prepare your HUTT DDC56 for operation:

- 1. Attach Cleaning Cloths:** Securely attach the cleaning cloths to the rotating discs on the underside of the robot.
- 2. Prepare Cleaning Solution:** Using the provided spray bottle, add a small amount of window cleaner or alcohol to the cleaning pads (approximately 10 sprays per pad).
- 3. Fill Water Tank:** Open the water tank cap and carefully fill the 60ml integrated water tank with clean water.
- 4. Connect Safety Rope:** Attach the safety rope to a secure anchor point indoors. Ensure the rope is firmly fastened to prevent the robot from falling.
- 5. Connect Power Supply:** Connect the power adapter to the robot and then plug it into a power outlet.
- 6. Power On:** Press the power button on the robot to turn it on.

One-Click Easy Control

Smart navigation for complete window cleaning,
Automatic return to the starting point when finished



Image 5: Visual guide for the six-step setup process of the window cleaning robot.

OPERATING INSTRUCTIONS

The HUTT DDC56 offers various cleaning modes and easy control via the remote.

Cleaning Modes and Path Planning

- **Z-Form Automatic Cleaning:** The robot automatically plans a Z-shaped path for comprehensive coverage.
- **Double Cleaning:** For deeper cleaning, the robot performs a second pass over the surface.
- **Spot Cleaning:** Targets specific areas for intensive cleaning.

Remote Control Functions

- **Start / Pause / Continue:** Initiates, pauses, or resumes the cleaning cycle.
- **Water Spray Function On / Off:** Activates or deactivates the ultrasonic water spray.
- **Double Cleaning:** Selects the double cleaning mode.
- **Spot Cleaning:** Selects the spot cleaning mode.
- **Manual Control:** Allows manual navigation of the robot (Up/Down/Left/Right).

Once cleaning is complete, the robot will automatically return to its initial position.

Effortlessly Cleans Frameless Windows & Mirrors



Image 6: The robot cleaning a window, demonstrating one-click easy control and smart navigation.



1. Put on a cloth



2. Spray water 10 times



3. Add water to the water tank



4. Connect the safety rope



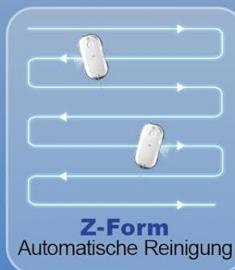
5. Connect the power supply



6. Power on

Image 7: The robot demonstrating automatic edge detection for cleaning frameless windows and mirrors.

Intelligente Routenplanung



Z-Form
Automatische Reinigung



Doppelte Reinigung
Tiefe Reinigungsergebnisse



Punktuelle Reinigung
Gezielte Flächenreinigung



Manuelle Steuerung
Hoch/Runter/ Links/Rechts

Wassersprühfunktion
Ein / Aus

Manuelle Steuerung:
Hoch/ Runter/ Links/ Rechts

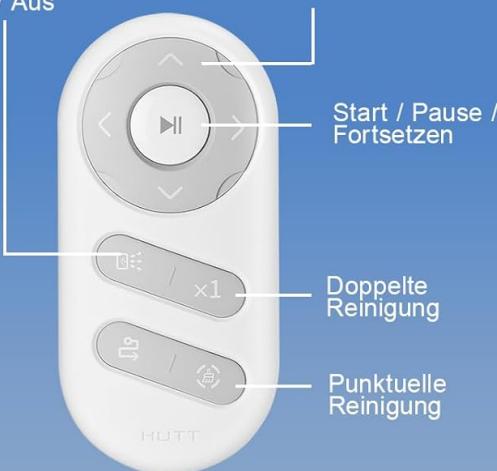


Image 8: Overview of intelligent route planning options and remote control button functions.

MAINTENANCE

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

- **Cleaning Cloths:** The cleaning cloths are washable and reusable. After each use, remove them from the robot and wash them by hand or machine. Ensure they are completely dry before reattaching.
- **Water Tank:** After each use, empty any remaining water from the tank. Clean the tank periodically to prevent residue buildup.
- **Robot Surface:** Wipe the exterior of the robot with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.

TROUBLESHOOTING

If you encounter issues with your HUTT DDC56, refer to the following common solutions:

- **Robot not sticking to glass:** Ensure the glass surface is clean and free of excessive dust or debris. Check that the cleaning cloths are properly attached and not overly wet. Verify the power supply is connected and functioning.
- **Streaks left on windows:** Ensure cleaning cloths are clean and not saturated with too much solution.

Use a recommended window cleaning solution. The water tank might need refilling or cleaning.

- **Robot not moving or responding:** Check the power connection and ensure the robot is turned on. Replace remote control batteries if necessary. If the safety rope is too taut, it might restrict movement.
- **Error indicator light:** Consult the specific error codes in the full user manual (if provided) or contact customer support.

SPECIFICATIONS

Specification	Value
Brand	HUTT
Model Name	DDC56
Item Model Number	DDC56
Color	Ddc56
Product Dimensions (L x W x H)	27L x 14W x 7.8H centimeters
Item Weight	2 Kilograms
Capacity (Water Tank)	60 Milliliters
Material	Plastic
Battery Composition	Lithium-ion (1 x 12V required)
Surface Recommendation	Glass, Mirror, Door, Cabinet Top, Window
Special Features	Remote control, Spray function, Integrated water tank, Automatic cleaning, Bidirectional nozzle

SAFETY INFORMATION

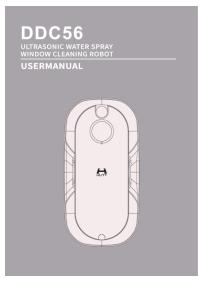
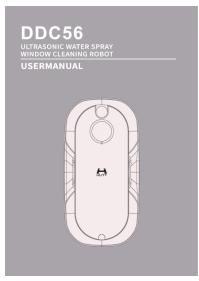
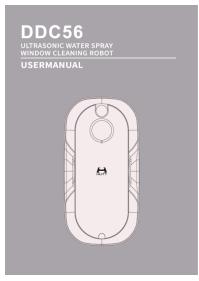
Your safety is paramount. Observe the following precautions:

- Always attach the provided safety rope to a secure anchor point before operating the robot, especially on high or external windows.
- The robot is equipped with an integrated Uninterruptible Power Supply (UPS) that provides backup power in case of a power outage, preventing it from falling immediately. However, retrieve the robot promptly if a power loss occurs.
- Ensure the power cable is securely connected and not damaged.
- Do not use the robot on cracked or damaged glass surfaces.
- Keep children and pets away from the operating robot.
- Use only recommended cleaning solutions.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the manufacturer directly. Spare parts availability information is not provided in this manual; please inquire with the manufacturer or seller for details.

Related Documents - DDC56

	<p>HUTT DDC56 Ultrasonic Water Spray Window Cleaning Robot User Manual</p> <p>Comprehensive user manual for the HUTT DDC56 Ultrasonic Water Spray Window Cleaning Robot, covering installation, operation, safety precautions, troubleshooting, and maintenance.</p>
	<p>HUTT DDC56 Ultrasonic Water Spray Window Cleaning Robot User Manual</p> <p>User manual for the HUTT DDC56 Ultrasonic Water Spray Window Cleaning Robot, covering important safeguards, parts list, installation instructions, operation, path planning, troubleshooting, safety, and technical specifications.</p>
	<p>HUTT DDC56 Ultrasonic Water Spray Window Cleaning Robot User Manual</p> <p>User manual for the HUTT DDC56 Ultrasonic Water Spray Window Cleaning Robot, detailing setup, operation, safety, and troubleshooting for efficient automated window cleaning.</p>
	<p>HUTT W8 Window Cleaning Robot User Manual - Operation, Safety, and Troubleshooting</p> <p>Comprehensive user manual for the HUTT W8 Window Cleaning Robot. Learn about product features, installation, operation, maintenance, safety precautions, troubleshooting, and technical specifications.</p>
	<p>HUTT WGS Window Cleaning Robot Product Manual & Warranty Card</p> <p>Comprehensive user manual and warranty information for the HUTT WGS Window Cleaning Robot. Learn about product features, installation, operation, maintenance, and troubleshooting.</p>
	<p>HUTT Window Cleaning Robot W66 User Manual and Operating Guide</p> <p>Comprehensive user manual for the HUTT Window Cleaning Robot W66, covering product overview, usage instructions, troubleshooting, technical specifications, and safety precautions.</p>