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> Prolux PLCC430BN Cordless Commercial Micro Dual Brush Floor Cleaner User Manual

## Prolux PLCC430BN

# Prolux PLCC430BN Cordless Commercial Micro Dual Brush Floor Cleaner User Manual

Model: PLCC430BN

## INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Prolux PLCC430BN Cordless Commercial Micro Dual Brush Floor Cleaner. Please read this manual thoroughly before using the appliance and retain it for future reference.

## SAFETY INFORMATION

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Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This appliance is intended for commercial floor cleaning applications. Do not use it for any other purpose.

- Ensure the power switch is off before performing any maintenance or assembly.
- Do not immerse the appliance in water or other liquids.
- Keep hands, feet, loose clothing, and hair away from rotating brushes.
- Use only the charger and battery pack specified by the manufacturer.
- Store the appliance in a dry, indoor area when not in use.
- Do not operate the machine if it is damaged or malfunctioning.

## PACKAGE CONTENTS

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Verify that all components are present in the package:

- Prolux PLCC430BN Floor Buffer Unit - 9"
- 2 x C430BN Blue Brushes (Medium Duty)
- 2 x C430BN Red Pads (Light Duty)
- 2 x C430BN Pad Holders

- C430BN Battery
- C430BN Battery Charger

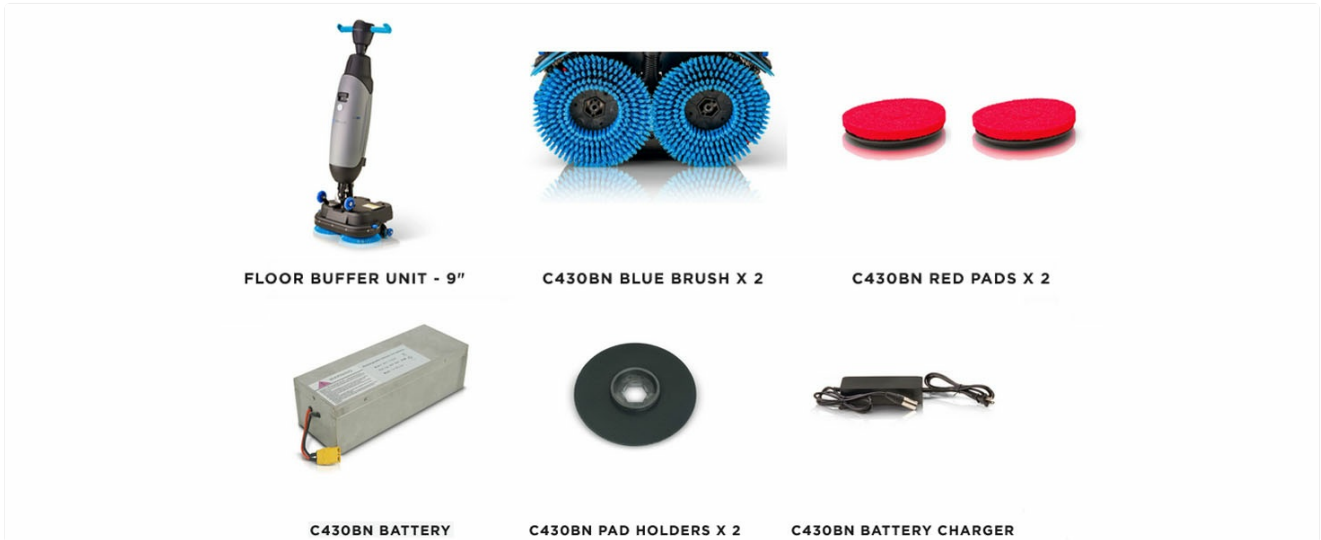


Image: All components included with the Prolux PLCC430BN floor cleaner.

## SETUP

### 1. Battery Installation and Charging

Before initial use, ensure the battery is fully charged. The battery is typically pre-installed but may require charging.

1. Locate the battery compartment on the base of the unit.
2. If not already installed, insert the C430BN Battery into the compartment, ensuring proper alignment of connectors.
3. Connect the C430BN Battery Charger to the charging port on the unit and then to a standard electrical outlet.
4. Allow the battery to charge until the charger indicator shows a full charge.



Image: Battery compartment for installation and charging.

### 2. Attaching Brushes or Pads

The unit comes with both brushes and pads for different cleaning needs.

1. Turn the unit upside down or tilt it to access the brush head.
2. Align the brushes or pad holders (with pads attached) with the drive hubs on the cleaning head.
3. Twist or press firmly until they lock into place.





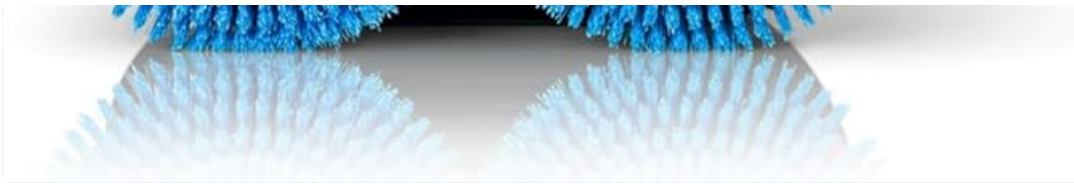


Image: Underside of the unit with dual brushes attached.

### 3. Filling Solution Tank

The solution tank holds the cleaning solution.

1. Locate the solution tank (typically the upper tank).
2. Open the fill cap and pour in the appropriate cleaning solution mixed with water according to the solution manufacturer's instructions. Do not overfill.
3. Securely close the fill cap.



Image: Solution and recovery tanks on the unit.

## OPERATING INSTRUCTIONS

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## 1. Control Panel Overview

The control panel is located on the handle for easy access.



Image: Control panel with various function buttons.

- **Power Button:** Turns the unit On/Off.
- **Solution Flow Button:** Controls the release of cleaning solution.
- **Suction Button:** Activates/deactivates the vacuum for water recovery.
- **Brush Speed Control:** Adjusts the rotation speed of the brushes (Low/High).
- **Battery Indicator:** Displays current battery level.

## 2. Starting the Cleaning Process

1. Press the Power Button to turn on the machine.
2. Select the desired brush speed (Low or High) based on the floor type and soil level.
3. Press the Solution Flow Button to begin dispensing cleaning solution onto the floor.
4. Push the machine forward to scrub the floor. The dual brushes will rotate to clean the surface.
5. For optimal cleaning and drying, activate the Suction Button to recover the dirty solution as you move the machine.



Image: Operating the floor cleaner.

### 3. Maneuverability

The PLCC430BN features an angle-adjustable handle and a 360-degree rotatable brush head for flexible operation and cleaning in tight spaces.



Image: Flexible operation with adjustable handle and rotatable brush head.

## 4. Recommended Surfaces

This machine is suitable for a variety of hard floors, including:

- Tiled floors
- Marble floors
- Epoxy floors
- PVC floors
- Emery floors
- Terrazzo floors
- Concrete floors

## MAINTENANCE

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### 1. Emptying and Cleaning Recovery Tank

The recovery tank collects dirty water and should be emptied after each use.

1. Turn off the machine.
2. Detach the recovery tank (typically the lower tank) from the unit.
3. Pour the dirty water into a suitable drain.
4. Rinse the recovery tank thoroughly with clean water and allow it to air dry before reattaching.



Image: Detaching and emptying the recovery tank.

### 2. Cleaning Solution Tank

Periodically clean the solution tank to prevent residue buildup.

1. Detach the solution tank.
2. Rinse it with clean water.
3. Allow it to air dry completely before reattaching.

## Quickly Detachable and Installable Water Tanks for Easy Cleaning



Image: Detachable water tanks for easy cleaning.

### 3. Brush/Pad Maintenance

1. After each use, remove the brushes or pads.
2. Rinse them under clean water to remove any debris or cleaning solution residue.
3. Allow them to air dry completely before storing or reattaching.
4. Replace brushes or pads when they show signs of wear or reduced effectiveness.



Image: Dual brushes for cleaning.

### 4. Squeegee Maintenance

The squeegee ensures effective water recovery.

1. Regularly check the squeegee blade for wear or damage.
2. Clean the squeegee after each use to remove any debris that might hinder suction.
3. Replace the squeegee blade if it becomes worn or damaged to maintain optimal performance.



Image: Squeegee removal for maintenance.

## TROUBLESHOOTING

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Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Machine does not turn on	Battery not charged; Battery not properly installed; Power button malfunction	Charge battery; Reinstall battery; Contact customer support
No solution dispensed	Solution tank empty; Solution flow blocked; Solution pump malfunction	Refill solution tank; Check for blockages; Contact customer support
Poor water recovery/streaking	Recovery tank full; Squeegee worn or dirty; Suction motor issue	Empty recovery tank; Clean/replace squeegee; Contact customer support
Brushes not rotating	Brushes not properly attached; Obstruction in brush head; Motor issue	Reattach brushes; Remove obstruction; Contact customer support

## SPECIFICATIONS

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Key technical specifications for the Prolux PLCC430BN:

- **Brand:** Prolux
- **Model Name:** PLCC430BN
- **Power Source:** Battery Powered
- **Special Feature:** Cordless, Dual Brushes
- **Surface Recommendation:** Floor, Tile
- **Form Factor:** Upright
- **Cleaning Path:** Approximately 9 inches (2 x 9 inch brushes, 430mm total brush width)
- **Squeegee Path:** Approximately 17 inches (450mm)
- **Solution Tank Capacity:** 4 Liters
- **Recovery Tank Capacity:** 6.5 Liters
- **Brush Rotation Speed:** Up to 350 revolutions per minute (r/min)
- **Runtime:** Up to 2 hours (with fully charged battery)
- **Weight:** Approximately 65 lbs (with battery)

## WARRANTY AND SUPPORT

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For warranty information, product support, or to purchase replacement parts, please contact Prolux-Cleaners directly. The product typically includes a manufacturer's warranty. Refer to your purchase documentation for specific warranty terms and conditions.

**Customer Support:** For assistance, please contact Prolux-Cleaners customer service. Contact details can usually be found on the Prolux official website or your purchase invoice.