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HITACHI PV-X90NPWH

Hitachi Cordless Stick Vacuum Cleaner User Manual

Model: PV-X90NPWH

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1. Safety Information

Please read all safety warnings and instructions before using this appliance. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Precautions:

- This appliance is for household use only. Do not use outdoors or on wet surfaces.
- Do not allow children to operate the vacuum cleaner. Close supervision is necessary when used near children.
- Do not pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without the dust cup and/or filters in place.
- Turn off the appliance before making any adjustments, changing accessories, or storing the appliance.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.

- Exercise extra care when cleaning on stairs.
- Do not handle the charger or appliance with wet hands.
- Do not charge the appliance outdoors.

Battery Safety:

- Use only the charger specified by the manufacturer.
- Do not modify or attempt to repair the battery pack or the appliance.
- Do not expose the battery pack to fire or excessive temperature.
- In abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.

2. Product Overview

The Hitachi PV-X90NPWH is a lightweight, cordless stick vacuum cleaner designed for efficient home cleaning. It features a powerful BLDC motor, LED headlights for improved visibility, and versatile attachments for various cleaning needs.

Components:

- Main Unit (Handheld Vacuum)
- Extension Pipe
- Motorized Floor Head with LED Headlights
- 2-in-1 Combination Tool (Dusting Brush & Crevice Tool)
- AC Adapter
- Wall Mounted Charging Unit





Figure 2.1: Fully assembled Hitachi Cordless Stick Vacuum Cleaner with wall mount and accessories.



Figure 2.2: Handheld unit of the vacuum cleaner with the 2-in-1 combination tool attached.



Figure 2.3: Close-up view of the motorized floor head with LED headlights.

Figure 2.4: The crevice tool and dusting brush accessories for versatile cleaning.

3. Setup

3.1 Assembly:

1. **Attach the Extension Pipe:** Insert the extension pipe into the main unit until it clicks securely into place.
2. **Attach the Floor Head:** Connect the motorized floor head to the other end of the extension pipe, ensuring it clicks firmly.

3. **Attach Accessories (Optional):** For handheld use, attach the 2-in-1 combination tool directly to the main unit.

3.2 Charging the Battery:

Before first use, fully charge the vacuum cleaner for approximately 3.5 hours. The battery indicator lights will show charging status.

- Connect the AC adapter to the charging port on the main unit or the wall-mounted charging unit.
- Plug the AC adapter into a power outlet.
- The charging indicator lights will illuminate during charging and turn off or change color when fully charged.

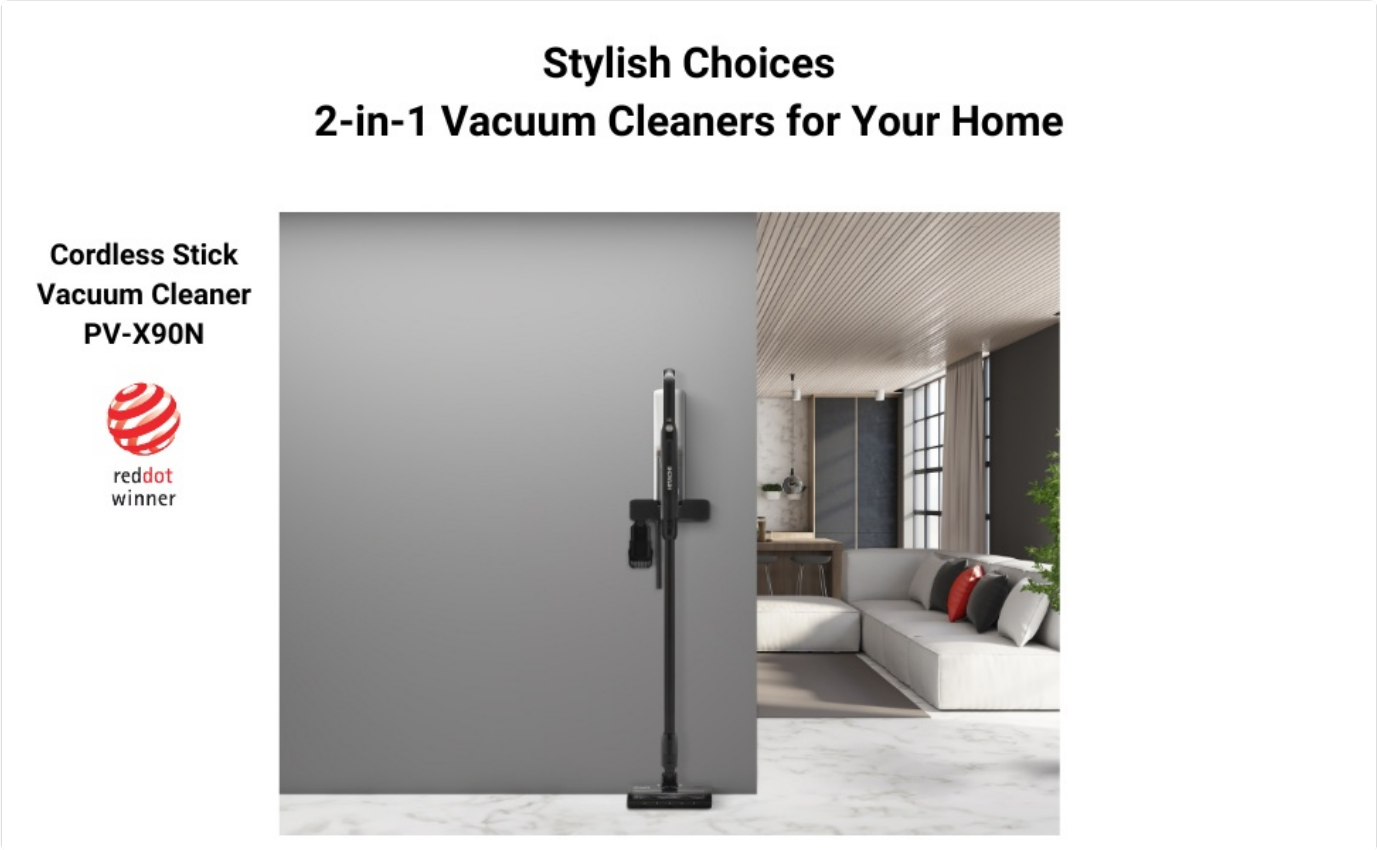


Figure 3.1: The vacuum cleaner can be stored and charged on its wall-mounted charging unit.

4. Operating Instructions

4.1 Power On/Off:

Press the power button located on the main unit handle to turn the vacuum cleaner on or off.

4.2 Cleaning Modes:

The vacuum cleaner typically operates in a standard cleaning mode. Some models may feature a power boost mode for tougher messes. Refer to the specific buttons on your unit for mode selection.

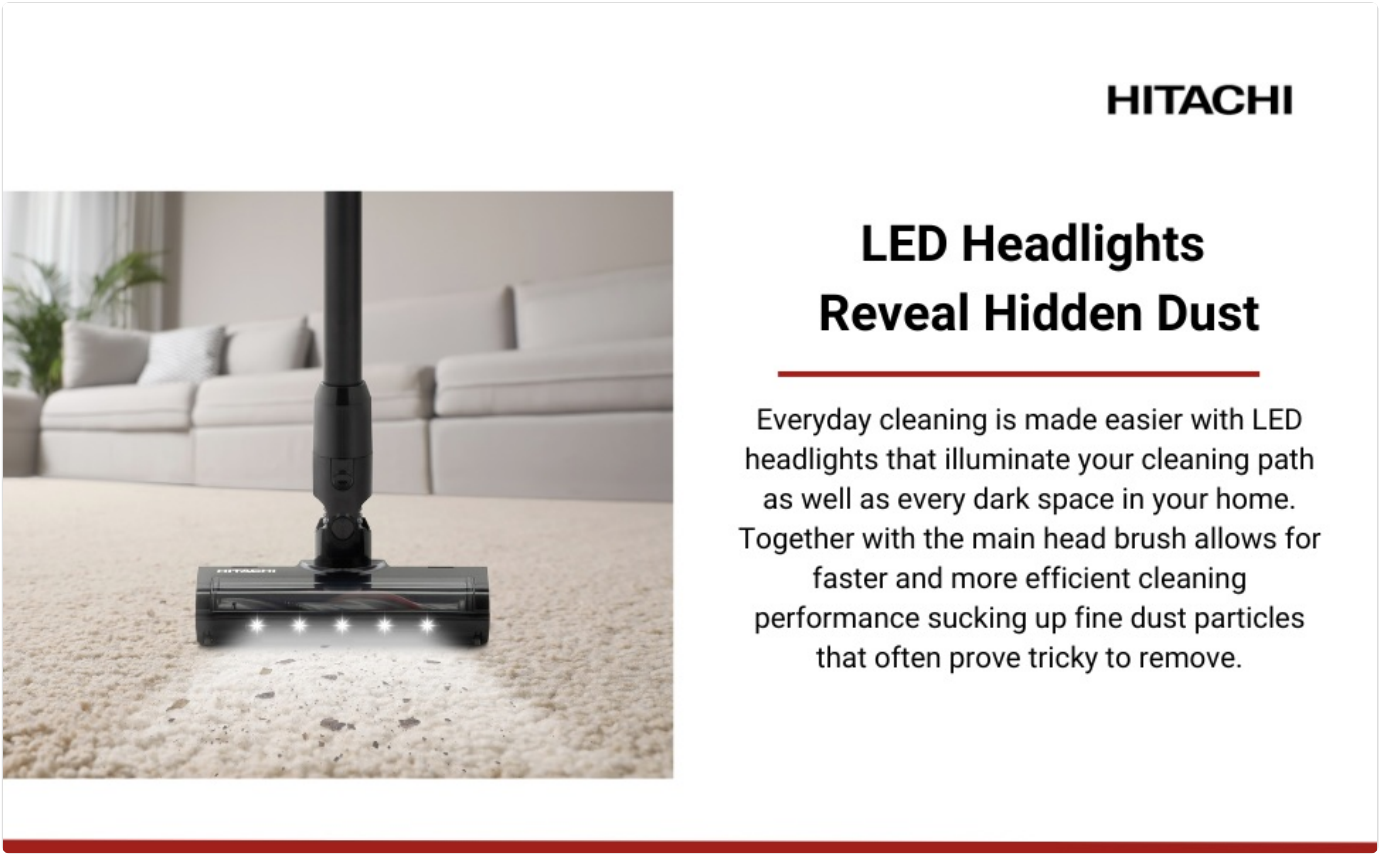


Figure 4.1: LED headlights on the floor head illuminate hidden dust for thorough cleaning.

4.3 Using Attachments:

- **Motorized Floor Head:** Ideal for cleaning various floor types, including hard floors and carpets. The LED headlights assist in spotting dust in dark areas.
- **2-in-1 Combination Tool:**
  - *Dusting Brush:* Use for delicate surfaces, furniture, and blinds.
  - *Crevice Tool:* Extend for reaching tight spaces, corners, and between cushions.

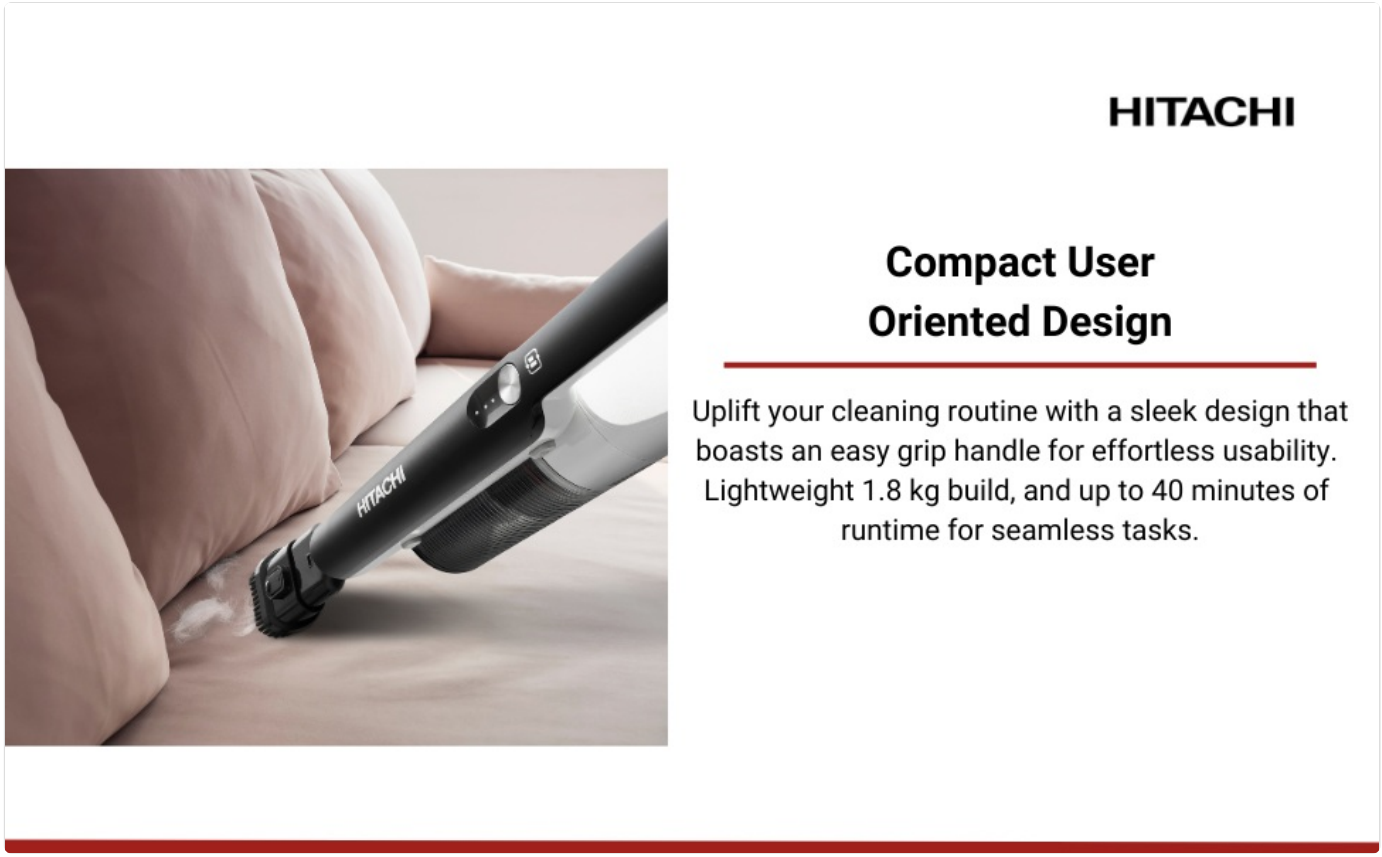


Figure 4.2: The handheld unit is perfect for cleaning upholstery and hard-to-reach areas.



Figure 4.3: The lightweight design allows for easy maneuverability and cleaning under furniture.

5. Maintenance

Regular maintenance ensures optimal performance and extends the life of your vacuum cleaner. Always turn off and unplug the vacuum before performing any maintenance.

5.1 Emptying the Dust Cup:

Empty the dust cup after each use or when the dust level reaches the MAX fill line.

1. Press the dust cup release button to detach it from the main unit.
2. Hold the dust cup over a trash bin and press the bottom release latch to open the dust cup door.
3. Shake out debris. Close the dust cup door firmly.
4. Reattach the dust cup to the main unit until it clicks.

5.2 Cleaning the Filters:

The vacuum uses a HEPA filter. Clean filters regularly, ideally once a month, or more frequently with heavy use.

1. Remove the dust cup.
2. Twist and pull out the filter assembly from the dust cup.
3. Tap the filter gently over a trash bin to remove loose dirt.
4. Rinse the filter under cold running water until the water runs clear. Do not use detergent.
5. Allow the filter to air dry completely for at least 24 hours before reinserting. Do not use a hairdryer or other heating methods.
6. Once dry, reassemble the filter and dust cup, then reattach to the main unit.

5.3 Cleaning the Brush Roll:

Periodically check the brush roll for tangled hair or debris.

1. Turn off the vacuum and detach the motorized floor head.
2. Locate the brush roll access cover on the bottom of the floor head.
3. Use a coin or screwdriver to unlock the cover and remove it.
4. Carefully lift out the brush roll.
5. Use scissors to cut away any hair or string wrapped around the brush roll.
6. Reinsert the brush roll, ensuring it is properly seated, and secure the cover.

6. Troubleshooting

If you encounter issues with your Hitachi Cordless Stick Vacuum Cleaner, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Vacuum does not turn on.	Battery is not charged.	Charge the battery fully. Ensure the AC adapter is properly connected.
Low suction power.	Dust cup is full.	Empty the dust cup.

Problem	Possible Cause	Solution
	Filter is dirty or clogged.	Clean or replace the filter. Ensure it is completely dry before reinserting.
	Obstruction in nozzle, pipe, or hose.	Check and remove any blockages.
Brush roll not spinning.	Hair or debris tangled in brush roll.	Clean the brush roll as described in the Maintenance section.
	Floor head not properly attached.	Ensure the floor head is securely clicked into the extension pipe.
Short runtime.	Battery not fully charged or aging battery.	Ensure battery is fully charged. If problem persists after full charge, battery may need replacement.

If the problem persists after trying these solutions, please contact customer support.

7. Specifications

Feature	Detail
Brand	HITACHI
Model Number	PV-X90NPWH
Dust Capacity	0.6 Liters
Motor Power	250W
Voltage	21.6 Volts
Noise Level	75 dB
Runtime	Up to 45 minutes
Item Weight	4 Kilograms
Filter Type	HEPA
Special Features	Lightweight, LED Headlights, 2-in-1 Handheld/Stick
Included Components	Dusting Brush, Crevice Tool, AC Adapter, Wall Mounted Charging Unit

8. Warranty & Support

8.1 Product Warranty:

This Hitachi Cordless Stick Vacuum Cleaner (Model PV-X90NPWH) comes with a**2-year warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal household use.

Please retain your proof of purchase for warranty claims.

8.2 Customer Support:

For after-sales services, technical assistance, or warranty claims, please contact Modern Electronics, the authorized service provider for Hitachi products.

Contact Number: 8001207669

When contacting support, please have your product model number (PV-X90NPWH) and proof of purchase ready.

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