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› Avhrit Cordless Polisher LCP04 User Manual

Avhrit LCP04

Avhrit Cordless Polisher LCP04 User Manual

Model: LCP04 | Brand: Avhrit

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Avhrit LCP04 Cordless Polisher. Please read this manual thoroughly before initial use and retain it for future reference. The Avhrit LCP04 is an updated cordless polisher designed for car detailing, polishing, boat sanding, and waxing. It features a powerful motor, variable speed control, and a dual-action design for efficient and swirl-free results.

SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense. Wear appropriate personal protective equipment, including eye protection, hearing protection, and non-slip safety shoes.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Avhrit LCP04 Cordless Polisher.



Figure 1: Avhrit LCP04 Cordless Polisher with included accessories, including two 21V 4.0Ah batteries, charger, loop backing plate, foam pads, waffle pro foam pads, knitted wool pads, polishing bonnets, sandpapers, and a toolbag.

- **Polisher Body:** Main unit housing the motor and controls.
- **D-Handle:** Ergonomically designed handle for comfortable and secure grip.
- **Battery Compartment:** For inserting 21V 4.0Ah batteries.
- **Variable Speed Dial:** Adjusts RPM from 2000 to 5500.
- **Loop Backing Plate (6-inch):** For attaching various polishing and sanding pads.
- **Included Accessories:**
 - 2 x 4.0Ah 21V Batteries
 - 1 x Quick Charger
 - 2 x Foam Pads (for polishing/buffing)
 - 2 x Waffle Pro Foam Pads (for polishing/buffing)
 - 2 x Knitted Wool Pads (for cleaning/buffing)

- 10 x Polishing Bonnets (for final buffing)
- 5 x Sandpapers (for paint/rust removal)
- 1 x Toolbag

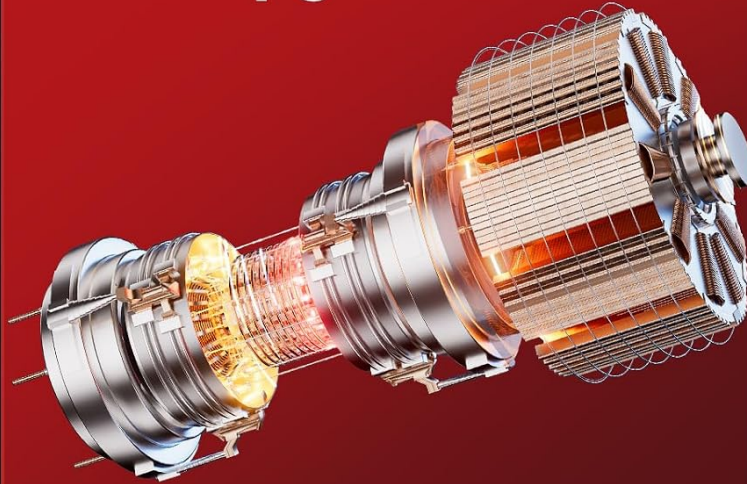
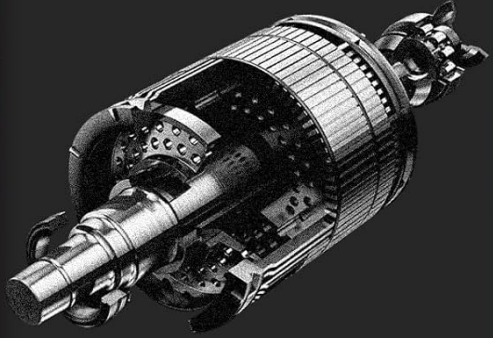
SETUP

1. Charging the Battery:

Insert a 21V 4.0Ah battery into the quick charger. Ensure the charger is connected to a power outlet. The indicator light on the charger will show charging status. A full charge typically takes approximately 100 minutes.

WHY CHOOSE US

New Upgrade Motor

	300W Adequate Power			Light Weight & Poor Quality
	Reasonable weighting of eccentric block			Heat Burned Motor
	Long Runtimes			Damage within a Year
	Lower Noise			
	Extended Motor Life			

Figure 2: Close-up of the 21V 4.0Ah battery, showing its capacity and compatibility.

2. Attaching the Pad:

Select the appropriate pad (foam, wool, or sandpaper) for your task. The backing plate features a hook-and-loop (Velcro) design. Align the pad with the backing plate and firmly press it into place until it is securely attached.



Figure 3: Demonstrates the easy attachment of various pads to the polisher's backing plate using the hook-and-loop system.

3. Inserting the Battery:

Slide a charged 21V 4.0Ah battery into the battery compartment at the base of the polisher until it clicks securely into place.

OPERATING INSTRUCTIONS

The Avhrit LCP04 polisher offers 6 variable speeds, ranging from 2000 to 5500 RPM, suitable for different applications.

6 VARIABLE SPEEDS

2000–5500RPM for different applications



Figure 4: Diagram illustrating the 6 variable speed settings and their recommended applications: Level 1-2 (2000-2700 RPM) for waxing and buffing; Level 3-4 (3200-3900 RPM) for polishing/cleaning; Level 5-6 (4500-5500 RPM) for removing paint defects.

- 1. Surface Preparation:** Ensure the surface to be worked on is clean and free of loose dirt or debris. For polishing, apply a small amount of polishing compound directly to the pad or the surface.
- 2. Powering On and Speed Selection:**

Press the power button to turn on the polisher. Use the variable speed dial to select the desired RPM based on your task:

 - **Levels 1-2 (2000-2700 RPM):** Ideal for waxing and final buffing.
 - **Levels 3-4 (3200-3900 RPM):** Suitable for general polishing and cleaning.
 - **Levels 5-6 (4500-5500 RPM):** Best for removing paint defects and heavy correction.
- 3. Application Technique:**

Place the pad flat on the surface before starting the polisher. Move the polisher in a slow, overlapping pattern, applying light, even pressure. The dual-action orbital motion helps prevent swirls and damage to the paint.

300W POWERFUL MOTOR ADEQUATE POWER



Extended motor life



Long runtimes



Lower noise



Provide more power



Figure 5: A user demonstrating the application of the polisher on a car surface, highlighting the ergonomic D-handle design.

4. **Monitoring Progress:** Regularly check the surface for desired results. For sanding or heavy defect removal, multiple passes may be required.
5. **Finishing:** After polishing, use a clean microfiber cloth to wipe off any excess compound. For final buffing, switch to a clean, soft pad (like a knitted wool pad) and use a lower speed setting.

MAINTENANCE

- **Cleaning the Polisher:** After each use, wipe down the polisher body with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Cleaning Pads:** Remove pads after use and clean them according to their material. Foam pads can typically be washed with mild soap and water, then air-dried.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods.
- **Storage:** Store the polisher and its accessories in the provided toolbag in a dry, secure location, out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Polisher does not turn on.	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted.
Reduced power or stalling during use.	Low battery charge; excessive pressure applied.	Recharge battery. Reduce pressure and let the polisher do the work.
Pad not spinning correctly or detaching.	Pad not properly attached; worn hook-and-loop on pad or backing plate.	Re-attach pad firmly. Replace worn pads or backing plate if necessary.
Excessive vibration or noise.	Unbalanced pad; internal issue.	Ensure pad is centered and clean. If problem persists, contact customer support.

SPECIFICATIONS

- **Model:** LCP04
- **Brand:** Avhrit
- **Speed:** 2000-5500 RPM (6 variable speeds)
- **Voltage:** 21V
- **Item Weight:** 4.2 Pounds
- **Backing Plate Diameter:** 6 inches
- **Orbit:** 8mm random orbit (dual-action)
- **Power Source:** Battery Powered (2x 4.0Ah 21V batteries included)
- **Material:** Plastic
- **Color:** C-black&red

WARRANTY AND SUPPORT

The Avhrit LCP04 Cordless Polisher comes with a **one-year warranty** from the date of purchase, as per the Avhrit warranty policy. Avhrit also offers a Lifetime Service Agreement (LSA). For technical support, warranty claims, or any inquiries regarding your product, please contact Avhrit customer service. Refer to the contact information provided on the product packaging or the official Avhrit website.