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KAPBOM KA-7800

KAPBOM Mini Electric Portable Chainsaw User Manual

Model: KA-7800

INTRODUCTION

Thank you for choosing the KAPBOM Mini Electric Portable Chainsaw. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference.

This high-quality guide chain offers exceptional performance for precise and efficient cuts. With a 6-inch length, it is capable of cutting materials up to 16cm in diameter. Equipped with switch protection and a safety lock, it prevents accidental injuries during use. Its ergonomic non-slip handle provides a perfect and comfortable grip. With a chain speed of 10 m/s and a motor reaching up to 4500 rpm, it offers power and efficiency for a variety of applications. Powered by a 48V 6000mAh battery, it provides extended autonomy and can be easily recharged with the compatible 100-230VAC / 50-60Hz charger. Ideal for professional and home use, this guide chain is a robust and reliable tool for your cutting needs.

SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection.
- Ensure the work area is clear of obstructions and well-lit.
- Keep children and bystanders away from the operating area.
- Do not operate the chainsaw in wet conditions or in the presence of flammable liquids or gases.
- Always hold the chainsaw firmly with both hands during operation.
- Before performing any maintenance or adjustments, ensure the battery is removed.
- Inspect the chainsaw for damage before each use. Do not use if damaged.
- Use only original replacement parts and accessories.
- Be aware of kickback and take precautions to avoid it.
- Do not overreach. Maintain proper footing and balance at all times.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- 1x Chainsaw Base
- 1x 6-inch Guide Plate
- 1x 6-inch Steel Saw Chain
- 1x Phillips Screwdriver
- 1x Hex L-Wrench
- 1x Lubricant Tube
- 1x 48V 6000mAh Lithium Battery
- 1x 100-230VAC Charger



Image: All components included in the Kapbom Mini Electric Portable Chainsaw package, showing the chainsaw body, guide bar, chain, battery, charger, and tools.

SETUP AND ASSEMBLY

Follow these steps to assemble your mini chainsaw:

1. **Install the Guide Plate:** Align the guide plate with the mounting studs on the chainsaw base.



Image: The Kapbom Mini Electric Portable Chainsaw fully assembled, showing the guide bar and chain in place.

2. **Install the Saw Chain:** Carefully place the saw chain around the guide plate, ensuring the cutting teeth are facing the correct direction. The chain should fit snugly in the groove of the guide plate.



Image: A close-up view of the chainsaw chain wrapped around the guide bar, highlighting the chain teeth and guide bar tip.

3. **Secure the Cover:** Place the chain cover over the guide plate and chain, then tighten the securing nuts or screws using the provided tools (Phillips screwdriver or hex L-wrench). Ensure the chain tension is appropriate – it should be snug but still able to be pulled freely by hand.
4. **Charge the Battery:** Before first use, fully charge the 48V 6000mAh Lithium Battery using the provided 100-230VAC charger. Connect the charger to a power outlet and then to the battery. The charging indicator light on the charger will typically change color when charging is complete.



Image: The Kaptom Mini Electric Portable Chainsaw next to its 48V Lithium-Ion battery and a separate battery charger, illustrating the charging process.

5. **Insert the Battery:** Once charged, insert the battery into the battery slot on the chainsaw base until it clicks securely into place.



Image: The Kapbom Mini Electric Portable Chainsaw with the 48V Lithium-Ion battery securely inserted into its base, ready for operation.

OPERATING INSTRUCTIONS

Before operating, ensure you have read and understood all safety instructions.

1. Pre-Operation Check:

- Verify the chain is properly tensioned and lubricated.
- Ensure the battery is fully charged and securely inserted.
- Check that all covers and fasteners are tight.

2. Starting the Chainsaw:

- Hold the chainsaw firmly with both hands.
- Press and hold the safety lock button (if applicable).
- Squeeze the trigger switch to start the motor. The motor will reach a maximum speed of 4500 rpm, and the chain will move at 10 m/s.



Image: A hand demonstrating how to press the safety switch located on the handle of the Kapbom Mini Electric Portable Chainsaw before operating.

3. Cutting Technique:

- Allow the chain to reach full speed before making contact with the material.
- Apply light, consistent pressure. Let the chainsaw do the work.
- The chainsaw is designed to cut materials up to 16cm in diameter.
- Avoid cutting into the ground or hitting foreign objects.



Image: A person holding the Kappom Mini Electric Portable Chainsaw, demonstrating its use for cutting small logs or branches in a garden setting.



Image: A person using the Kapbom Mini Electric Portable Chainsaw to cut a tree stump outdoors, showing the compact size and portability of the tool.

4. **Stopping the Chainsaw:** Release the trigger switch. The chain will stop moving.
5. **After Use:** Remove the battery from the chainsaw for safety and storage.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chainsaw. Always remove the battery before performing any maintenance.

- **Chain Lubrication:** Apply lubricant to the chain regularly, especially before and during extended use, using the provided lubricant tube. Proper lubrication reduces friction and extends chain life.
- **Chain Sharpening:** A dull chain will not cut efficiently and can cause kickback. Sharpen the chain as needed or have it professionally sharpened.
- **Chain Tension:** Check chain tension frequently. A loose chain can derail, and a too-tight chain can cause excessive wear. Adjust tension so the chain is snug but can still be pulled freely around the guide bar by hand.
- **Cleaning:** After each use, clean sawdust, debris, and resin from the guide bar, chain, and motor housing. Use a brush or compressed air. Do not use water directly on electrical components.

- Storage:** Store the chainsaw in a dry, secure place, out of reach of children. Remove the battery before storing for extended periods.

TROUBLESHOOTING

If you encounter issues with your chainsaw, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged or not inserted correctly. Safety lock not engaged.	Ensure battery is fully charged and securely inserted. Press and hold the safety lock button while squeezing the trigger.
Chain does not move or moves slowly.	Chain tension too tight. Chain dull or damaged. Battery low.	Adjust chain tension. Sharpen or replace chain. Recharge battery.
Excessive vibration or noise.	Loose chain. Damaged chain or guide bar.	Check and adjust chain tension. Inspect chain and guide bar for damage and replace if necessary.
Chainsaw cuts poorly or unevenly.	Dull chain. Incorrect chain tension.	Sharpen chain. Adjust chain tension.

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

SPECIFICATIONS

Feature	Specification
Model	KA-7800
Manufacturer	KAPBOM
Power Source	Rechargeable Battery (Electric)
Battery Voltage	48V
Battery Capacity	6000mAh Lithium
Maximum Power	850W
Motor Speed	Up to 4500 rpm
Chain Speed	10 m/s
Guide Plate Length	6 inches
Maximum Cutting Diameter	16 cm
Charger Input	100-230VAC / 50-60Hz
Product Dimensions (L x W x H)	13 x 36 x 20 cm (5.1 x 14.2 x 7.9 inches)
Product Weight	2.2 kg (4.85 lbs)
Color	Black

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for warranty claims.

For further assistance, please contact KAPBOM customer service through their official channels.

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