Protmex PTX-DUA-C

Protmex 2-in-1 Cordless Pole Saw 8 Inch User Manual

Model: PTX-DUA-C

INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Protmex 2-in-1 Cordless Pole Saw. Please read this manual thoroughly before initial use and retain it for future reference.

The Protmex 2-in-1 Electric Pole Saw is a versatile tool designed for both high-reach branch trimming and ground-level cutting tasks. It features a powerful motor, dual battery system, and an adjustable pole for various applications.

PRODUCT COMPONENTS

The package includes the following components:

- 8-inch Mini Chainsaw unit
- Extension Pole
- 2 x 4.0Ah Lithium-Ion Batteries
- Battery Charger
- Safety Glasses
- Gloves
- Shoulder Strap
- User Manual

Figure 1: Overview of the Protmex 2-in-1 Cordless Pole Saw and its complete set of accessories, including the main chainsaw unit, extension pole, batteries, charger, and safety gear.

SETUP

1. Battery Charging

Before first use, fully charge both 4.0Ah Lithium-Ion batteries using the provided charger. A full charge typically takes 2 hours. Ensure the charger is connected to a standard power outlet and the battery is correctly inserted into the charger.

Figure 2: Illustration of the 21V 4000mAh Lithium-Ion battery, highlighting its capacity for extended operation and fast charging capability.

2. Assembly (Pole Saw Configuration)

1. Attach the 8-inch mini chainsaw unit to the extension pole. Ensure it clicks securely into place. The pole is designed for no-assembly retraction and extension.

2. Adjust the length of the extension pole to your desired working height. The maximum total working length can reach up to 15 feet (based on a 6ft person holding the pole at shoulder level, 60 degrees from the ground).

3. Attach the shoulder strap for improved balance and reduced strain during extended use.

5.7ft

9.2ft

THE MAXIMUM TOTAL WORKING LENGTH CAN REACH 15FT

BASED ON A 6FT PERSON HOLDING THE POLE IN A STRAIGHTENED POSITION AT SHOULDER LEVEL,60 DEFREES FROM GROUND

Figure 3: The Protmex pole saw demonstrating its extendable reach, capable of reaching up to 15 feet for high branch trimming.

3. Initial Chain Tension Check

After inserting the battery, perform a test run without load. Check the chain tension. If the chain appears loose, adjust it before proceeding with any cutting tasks. Refer to the "Maintenance" section for detailed chain tension adjustment instructions.

OPERATING INSTRUCTIONS

1. Safety Precautions

- Always wear the provided safety glasses and gloves during operation.
- Ensure a stable footing and clear working area.
- Keep bystanders and pets at a safe distance.
- Do not operate the saw in wet conditions or near flammable liquids/gases.
- Disconnect the battery before performing any adjustments or maintenance.

2. Starting and Stopping

To start the saw, press the safety lock button and then squeeze the trigger. Release the trigger to stop the saw. The stepless speed control allows for precise cutting by varying trigger pressure.

Figure 4: Close-up view of the powerful brushless motor, indicating its high performance and efficient operation at 4600 RPM.

3. Cutting Techniques

- **Pole Saw Use:** For high branches, extend the pole to the appropriate length. Use the shoulder strap for support. Position the saw blade against the branch and apply steady pressure. The 180° rotating handle allows for optimal cutting angles.
- **Mini Chainsaw Use:** Detach the chainsaw unit from the pole for ground-level tasks or smaller cuts. Hold the unit firmly with both hands, ensuring a secure grip on the rubber-coated handles.

Figure 5: Demonstrating the versatility of the Protmex tool, showing both its use as an extended pole saw for tree pruning and as a compact mini chainsaw for smaller cuts.

MAINTENANCE

1. Chain Lubrication

The Protmex pole saw features an automatic oil lubrication system. Ensure the oil reservoir is filled with appropriate chainsaw bar and chain oil before each use. This system ensures smooth operation and extends the life of the chain and bar.

Figure 6: Illustration of the automatic oil system, showing the process of filling the oil reservoir for continuous chain lubrication.

2. Chain Tension Adjustment

The saw is equipped with a tool-free chain tensioning system. To adjust the chain tension:

1. Ensure the saw is turned off and the battery is removed.

2. Locate the adjustment knob on the side of the saw.

3. Turn the knob to adjust the chain tightness.

4. After adjustment, turn the knob clockwise to secure it firmly. Verify that the chain is tightly fastened to prevent loosening during operation.

Figure 7: Detail of the tool-free chain tension adjustment knob and the saw's ability to adjust cutting angles from 0° to 180°.

3. Chain and Guide Plate Replacement

Replacing the chain and guide plate is designed to be a breeze. Consult the detailed instructions in the full user manual for specific steps on how to safely replace these components to ensure optimal performance.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Saw does not start	Battery not charged or improperly inserted; Safety lock not engaged before trigger.	Ensure battery is fully charged and correctly inserted. Press safety lock button before squeezing trigger.

Problem	Possible Cause	Solution
Chain loosens frequently	Insufficient chain tension; Adjustment knob not secured.	Adjust chain tension using the tool-free knob and ensure it is tightened clockwise after adjustment. Check tension before each use.
Reduced cutting performance	Dull chain; Insufficient lubrication.	Sharpen or replace the chain. Ensure the auto oil system reservoir is filled.

SPECIFICATIONS

- **Model:** PTX-DUA-C
- **Blade Length:** 8 inch
- **Motor Power:** 900W Brushless Motor
- **Chain Speed:** 0-10 m/s (approx. 33 ft/s)
- **Battery Type:** 21V Lithium-Ion
- **Battery Capacity:** 2 x 4.0Ah
- **Charging Time:** Approx. 2 hours
- **Minimum Telescopic Length:** 126 cm (4.1 ft)
- **Maximum Telescopic Length:** 275 cm (9.0 ft)
- **Maximum Total Working Length:** Up to 15 ft (with user)
- **Product Dimensions (packed):** 130 x 13 x 8 cm
- **Item Weight:** 5.31 kg (11.7 lbs)
- **Housing Material:** Metal PA6

WARRANTY AND SUPPORT

Protmex offers a 12-month quality guarantee for this product. Additionally, you can enjoy 3 years of after-sales support and 24/7 customer service.

If you have any questions, inquiries, or are not satisfied with the product, please do not hesitate to contact the Protmex support team. They are available within 24 hours to provide assistance.

For support, please visit the official Protmex store or contact customer service through the platform where you purchased the product.

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Figure 8: Protmex brand logo, representing the manufacturer of this product.

Related Documents - PTX-DUA-C

[Portable Dance Pole User Manual - AV Assembly and Safety Guide](#)
Comprehensive user manual for the AV Portable Dance Pole, detailing safety instructions, package contents, technical specifications, step-by-step assembly, and instructions for switching between static and spinning modes.

[scheppach C-PHTS410-X Akku-Multifunktionsgerät Bedienungsanleitung](#)
Die Originalbetriebsanleitung für das scheppach C-PHTS410-X Akku-Multifunktionsgerät. Enthält wichtige Informationen zur sicheren Verwendung, Montage, Bedienung und Wartung.

[Scheppach C-PHTS410-X Cordless Multi-Function Device User Manual](#)
Comprehensive user manual for the Scheppach C-PHTS410-X cordless multi-function device, covering safety instructions, product description, technical data, and operating guidelines for hedge trimming and pole saw functions.

[Black Box KVD200-2H 2-Port 4K HDMI Dual-Head KVM Switch User Manual](#)
User manual for the Black Box KVD200-2H 2-Port 4K HDMI Dual-Head KVM Switch. This document provides specifications, installation instructions, and operation details for controlling two computers with 4K dual HDMI video output from a single console.

[Dell Inspiron 7415 2-in-1: Setup and Specifications Guide](#)
This document provides comprehensive setup instructions and detailed technical specifications for the Dell Inspiron 7415 2-in-1 laptop. It covers initial setup, hardware component views, privacy shutter usage, detailed specifications for processor, memory, ports, storage, display, and more, along with keyboard shortcuts and support resources.

[Pocket Vac 2-in-1 Cordless Handheld Vacuum & Blower User Manual](#)
Comprehensive user manual for the Pocket Vac, a rechargeable 2-in-1 cordless handheld vacuum and blower. Includes detailed specifications, operating instructions, cleaning guide, safety precautions, and FCC compliance information.