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## Primaster PMAT 40V

# Primaster PMAT 40V Cordless Trimmer User Manual

Model: PMAT 40V | Brand: Primaster



## 1. INTRODUCTION

The Primaster PMAT 40V cordless trimmer is a powerful and versatile tool designed for efficient maintenance of lawns and grassy areas. This manual provides essential information for the safe and effective operation, assembly, maintenance, and troubleshooting of your new trimmer. Please read this manual thoroughly before first use and keep it for future reference.

## 2. SAFETY INFORMATION

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

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment (PPE) during operation. This includes safety glasses or goggles to protect against flying debris, and sturdy gloves to protect hands.
- **Maintain Safe Distance:** Keep yourself, bystanders, children, and pets at a sufficient distance (at least 15 meters / 50 feet) from the operating area to prevent injuries from flying parts or the cutting line.
- **Weather Conditions:** Do not use the trimmer in rain or wet conditions.
- **Battery and Charger:** This trimmer operates on a 40V battery (not included). Use only compatible Primaster 40V batteries and chargers. Refer to the battery and charger manuals for their specific safety instructions.
- **Secure Grip:** Always hold the trimmer firmly with both hands during operation.
- **Proper Use:** Use the trimmer only for its intended purpose of trimming grass and light weeds. Do not attempt to cut thick brush or woody material.

Bezeichnung: PMAT 40 Primaster

Inverkehrbringer:

ikra GmbH

Schlesier Straße 36

DE-64839 Münster-Altheim

E-Mail: [info@ikra.de](mailto:info@ikra.de)

Telefon: +49 6071 3003 0



**Figure 2.1: Safety Symbols and Manufacturer Information.** This image displays various safety symbols including: read manual, wear hearing protection, wear eye protection, keep bystanders away, wear gloves, wear protective footwear, do not use in rain, and a sound power level of 96 dB. It also shows manufacturer contact details for Ikra GmbH.

### 3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your Primaster PMAT 40V Cordless Trimmer.



**Figure 3.1: Overview of the Primaster PMAT 40V Cordless Trimmer.** This image shows the complete cordless trimmer, highlighting its ergonomic design with an adjustable handle, telescopic shaft, and cutting head.

- **Motor Housing:** Contains the motor and battery compartment.
- **Telescopic Shaft:** Allows for continuous height adjustment.
- **Adjustable Auxiliary Handle:** Provides a comfortable and secure grip.
- **Cutting Head:** Houses the cutting line spool.
- **Safety Guard:** Protects the user from flying debris.
- **Edge Roller:** For precise vertical cutting along edges.
- **Line Spool:** Contains the cutting line.





**Figure 3.3: Cutting Head Assembly.** This image displays the underside of the trimmer's cutting head, showing the orange line cap, the black safety guard, and the integrated edge roller wheel.

## 4. SETUP AND ASSEMBLY

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Follow these steps to assemble your Primaster PMAT 40V Cordless Trimmer before first use.

1. **Attach Safety Guard:** Securely attach the safety guard to the cutting head assembly. Ensure it is firmly in place to protect against flying debris.
2. **Adjust Auxiliary Handle:** Loosen the adjustment knob on the auxiliary handle and position it for comfortable and balanced operation. Tighten the knob securely.
3. **Adjust Telescopic Shaft:** Extend or retract the telescopic shaft to achieve the desired working height. Lock the shaft in position.
4. **Insert Battery:** Ensure the trimmer is switched off. Insert a fully charged Primaster 40V battery (sold separately) into the battery compartment until it clicks into place.

*Note: The battery and charger are not included with this product and must be purchased separately.*

## 5. OPERATING INSTRUCTIONS

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Learn how to effectively operate your cordless trimmer for optimal results.



**Figure 5.1: Trimmer in Use.** This image shows a person wearing safety glasses and gloves, operating the Primaster PMAT 40V Cordless Trimmer to neatly trim grass along a paved edge in a garden.

#### 1. Starting the Trimmer:

- Ensure the battery is fully charged and correctly inserted.
- Hold the trimmer firmly with both hands.
- Press the safety lock-off button (if present) and then squeeze the trigger switch to start the motor.

#### 2. Trimming Technique:

- Move the trimmer slowly and steadily across the area to be cut.
- Use a sweeping motion, cutting from right to left for optimal debris deflection.
- Avoid hitting hard objects, as this can damage the cutting line or the trimmer.

3. **Automatic Line Extension:** The trimmer features an automatic line extension system. If the line becomes too short, lightly tap the cutting head on the ground while the motor is running to feed out more line. The line cutter on the guard will trim it to the correct length.

#### 4. Edge Trimming (90° Rotating Head):

- To trim edges vertically, rotate the cutting head 90 degrees.
- Utilize the integrated edge roller for stable and precise cutting along paths, driveways, or flowerbeds.

5. **Stopping the Trimmer:** Release the trigger switch to stop the motor. Always remove the battery when not in use or before performing any maintenance.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your trimmer.

- **Cleaning:** After each use, clean the trimmer thoroughly. Remove grass clippings and debris from the cutting head, safety guard, and motor housing. Use a damp cloth; do not use solvents or abrasive cleaners.
- **Line Replacement:** When the cutting line on the spool is depleted, replace it with a new spool of 1.6 mm diameter line. Refer to Figure 3.2 for spool orientation.
- **Storage:** Store the trimmer in a dry, secure place, out of reach of children. Remove the battery before storage.
- **Inspection:** Periodically inspect the trimmer for any signs of damage, loose screws, or worn parts. Do not use a damaged trimmer.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your trimmer.

Problem	Possible Cause	Solution
Trimmer does not start.	Battery not charged or not inserted correctly. Safety lock-off not engaged.	Charge battery and ensure it is securely inserted. Press safety lock-off button before squeezing trigger.
Cutting line does not extend.	Line is tangled or depleted. Spool is stuck.	Tap cutting head on ground while running. If still stuck, remove spool and untangle/replace line.
Motor runs, but cutting performance is poor.	Cutting line is too short or worn. Cutting thick material.	Extend or replace cutting line. Use the trimmer only for grass and light weeds.
Excessive vibration.	Damaged cutting line or spool. Loose components.	Inspect and replace cutting line/spool if damaged. Check all connections and tighten if necessary.

If the problem persists, please contact customer support.

## 8. TECHNICAL SPECIFICATIONS

**Model:** PMAT 40V

**Reference Number:** GLO687350464 / 15130201

**Power:** 40 V (Battery-powered, battery and charger sold separately)

**Cutting Circle:** 28/33 cm

**Number of Wires:** 2

**Wire Length:** 2 m

**Wire Thickness:** 1.6 mm

**No-load Speed:** 6500 rpm

**Dimensions (L x W x H):** 110-150 x 36 x 12 cm (approximate, adjustable length)

**Weight:** 2.8 kg

**Color:** Black, Silver/Orange accents

**Material:** Nylon (for certain components)

**Features:** Double wire, automatic wire extension, 90° rotating cutting head, edge roller for vertical cutting,

continuously telescopic height adjustment, adjustable additional handle.

## 9. WARRANTY AND SUPPORT

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For warranty information, spare parts availability, or technical support, please contact the manufacturer or your retailer. The manufacturer details are provided below:

**Manufacturer:** Ikra GmbH

**Address:** Schlesier Straße 36, DE-64839 Münster-Altheim

**Email:** [info@ikra.de](mailto:info@ikra.de)

**Phone:** +49 6071 3003 0

Please have your model number (PMAT 40V) and reference number (GLO687350464 or 15130201) ready when contacting support.



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