

MZK SG1610

MZK 20V Cordless Electric 12-inch String Trimmer (Model SG1610) Instruction Manual

Your guide to safe and efficient lawn care.

1. INTRODUCTION AND PRODUCT OVERVIEW

The MZK 20V Cordless Electric String Trimmer (Model SG1610) is a versatile 2-in-1 tool designed for both grass trimming and lawn edging. This lightweight, battery-powered device offers cordless convenience for maintaining your lawn and garden.

Key Features:

- **2-in-1 Functionality:** Easily converts between a grass trimmer and a lawn edger with a pivoting head.
- **Lightweight Design:** Weighs approximately 5.1 lbs for comfortable handling and reduced fatigue.
- **Efficient Performance:** Features an 8000 RPM no-load speed and a 12-inch cutting width.
- **Battery Powered:** Operates on a 2.0Ah Li-Ion battery (included), compatible with other MZK 20V lawn tools.
- **Safety Features:** Equipped with two safety locks to prevent accidental activation, a head cover to minimize debris splashing, and a flower protection frame.



Figure 1: MZK 20V Cordless Electric String Trimmer, including battery and replacement spools.

2. SETUP AND ASSEMBLY

Your MZK String Trimmer requires minimal assembly. Please follow these steps carefully.

2.1 Unpacking

- Carefully remove all components from the packaging.
- Verify that all parts listed in the packing list are present.

2.2 Handle Adjustment

The auxiliary handle can be adjusted for optimal comfort and control. Loosen the adjustment knob, position the handle, and tighten the knob securely.



Figure 2: Adjusting the auxiliary handle for ergonomic use.

2.3 Telescopic Pole Adjustment

Adjust the length of the telescopic pole to suit your height. Loosen the collar, extend or retract the pole, and secure it by tightening the collar.

ERGONOMIC DESIGN



MZK

ADJUSTABLE TELESCOPIC POLE

Figure 3: Extending or retracting the telescopic pole.

2.4 Safety Guard Installation

Attach the safety guard to the trimmer head using the provided fasteners. Ensure it is firmly in place to protect against debris.



Figure 4: Securely attaching the safety guard.

2.5 Battery Installation

Insert the fully charged 20V Li-Ion battery into the battery slot on the main handle until it clicks into place.



Figure 5: Proper battery insertion into the tool.

3. OPERATING INSTRUCTIONS

3.1 Starting and Stopping the Trimmer

- To start, press and hold the safety lock button, then squeeze the trigger switch.
- To stop, release the trigger switch.

3.2 Trimming Function

Hold the trimmer firmly with both hands. Guide the trimmer head along the areas to be cut, keeping it slightly above the ground. The automatic line feed system will advance the line as needed.

The MZK logo is displayed in white text within a red-bordered box on a red background.

Fast cut up to
8000RMP



STRONG&POWERFUL MOTOR

Figure 6: Trimming grass with the MZK String Trimmer.

3.3 Edging Function (2-in-1 Conversion)

To convert to edger mode, press the pivot button on the trimmer head and rotate the head 90 degrees. The integrated wheels will assist in guiding the trimmer along edges for clean lines.



2 IN 1 CONVERT TRIMMER TO EDGER

Figure 7: Converting the trimmer head for edging functionality.

3.4 Automatic Line Feed

The trimmer features an automatic line feed system. The line will automatically extend when needed during operation.



Figure 8: The automatic line feed system in operation.

3.5 Flower Protection Frame

Utilize the flower protection frame to prevent accidental cutting of delicate plants and flowers.



Figure 9: Using the flower protection frame to protect plants.

Official Product Video: MZK String Trimmer/Edger Introduction

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Video 1: An introductory overview of the MZK String Trimmer and Edger's features.

4. MAINTENANCE

4.1 Spool Replacement

When the trimmer line runs out, replace the spool with a new one.

- Ensure the battery is removed before performing any maintenance.
- Press the tabs on the spool cap and remove the cap.
- Remove the empty spool.
- Insert a new pre-wound spool, ensuring the line is threaded through the eyelet.
- Replace the spool cap, ensuring it clicks securely into place.



Figure 10: Included replacement spools for continuous operation.

4.2 Cleaning

- Regularly clean the trimmer head and guard to remove grass clippings and debris.
- Use a damp cloth; do not use harsh chemicals or abrasive cleaners.

4.3 Storage

- Store the trimmer in a dry, secure location away from children.
- Remove the battery before long-term storage.

Video: Spool Line Replacement Demonstration

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Video 2: A demonstration of how to replace the trimmer spool line.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your MZK String Trimmer.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or incorrectly inserted	Charge battery fully and ensure it is inserted correctly
Line does not feed	Spool empty or line jammed	Replace spool or clear any line jams
Reduced cutting performance	Dull line or incorrect line type	Replace trimmer line or use recommended line type
Excessive vibration	Damaged line or spool imbalance	Replace damaged line or re-install spool correctly

For issues not listed here, please contact customer support.

6. SAFETY INFORMATION

Always prioritize safety when operating power tools. Read and understand all safety warnings and instructions before use.

- Always wear safety glasses and gloves when using the trimmer.
- Keep people and pets at a safe distance from the operating area.
- Do not operate the trimmer near flammable materials.
- Keep the trimmer head cover on to reduce debris splashing.
- Use the flower protection frame to avoid damaging plants.
- Remove the battery when not in use, during cleaning, or when changing accessories.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	MZK
Model Number	SG1610
Power Source	Battery Powered (20V Li-Ion)
Item Weight	5.1 lbs
Cutting Width	12 Inches
Speed	8000 RPM
Assembly Required	Yes
Number of Batteries	1 Lithium Ion (included)
Cordless	Yes

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact MZK customer service

through the retailer where the product was purchased or visit the official MZK website.

Please retain your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question