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› [Greenworks](#) /

› Greenworks PRO 16-Inch 80V Cordless String Trimmer User Manual

Greenworks ST80L210

Greenworks PRO 16-Inch 80V Cordless String Trimmer User Manual

Model: ST80L210

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before operating the Greenworks PRO 16-Inch 80V Cordless String Trimmer. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

General Safety Rules

- Always wear eye protection with side shields marked to comply with ANSI Z87.1.
- Wear heavy long pants, long sleeves, boots, and gloves.
- Do not operate the trimmer in wet conditions.
- Keep all bystanders, children, and pets at least 50 feet (15 meters) away.
- Inspect the area before operation. Remove all objects such as rocks, broken glass, nails, wire, or string that can be thrown or become entangled in the cutting line.
- Always disconnect the battery pack from the trimmer before making any adjustments, changing accessories, or storing the tool.

2. PRODUCT OVERVIEW

The Greenworks PRO 16-Inch 80V Cordless String Trimmer is designed for efficient and powerful trimming of grass and weeds. Familiarize yourself with its components for proper operation and maintenance.



VARIABLE SPEED TRIGGER

ADJUSTABLE HANDLE

ALUMINUM SHAFT

BRUSHLESS MOTOR

14" / 16" CUTTING PATH

BUMP FEED HEAD

0.080" DUAL QUIET LINE

This diagram illustrates the key components of the Greenworks PRO 80V String Trimmer, including the variable speed trigger, adjustable handle, aluminum shaft, brushless motor, 14"/16" cutting path, bump feed head, and 0.080" dual quiet line.

Key Components:

- **Variable Speed Trigger:** Allows for precise control over cutting speed.
- **Adjustable Handle:** Provides ergonomic comfort and control for various user heights and preferences.
- **Aluminum Shaft:** Lightweight yet durable construction for easy handling.
- **Brushless Motor:** Delivers increased power, efficiency, and longer tool life.
- **16-Inch Cutting Path:** Wide cutting swath for efficient trimming.
- **Bump Feed Head:** Allows for easy advancement of the cutting line by tapping the head on the ground.
- **0.080" Dual Quiet Line:** Durable and quiet cutting line for effective trimming.
- **80V 2.0 AH Battery:** Provides cordless power for extended runtime.
- **Rapid Charger:** Quickly recharges the 80V battery.

3. SETUP AND ASSEMBLY

Follow these steps to assemble your string trimmer and prepare it for use.

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Ensure all items listed in the "INCLUDES" image are present:

INCLUDES

STRING TRIMMER



OPERATOR'S MANUAL



80V 2.0 AH BATTERY



RAPID CHARGER



This image shows the items included in the package: the string trimmer, operator's manual, 80V 2.0 AH battery, and rapid charger.

- String Trimmer Assembly
- 80V 2.0 AH Battery
- Rapid Charger
- Operator's Manual (this document)

Inspect the tool for any damage that may have occurred during shipping. Do not discard the packing material until you have carefully inspected the tool.

3.2 Battery Charging

The battery pack is not fully charged at the time of purchase. Before using the trimmer for the first time, the battery pack must be fully charged.

1. Connect the rapid charger to a standard power outlet.
2. Slide the 80V 2.0 AH battery pack onto the charger until it clicks into place.
3. The charger indicator lights will show the charging status. A full charge for the 2.0 AH battery typically takes approximately 30 minutes.



This image displays the Greenworks 80V Rapid Charger with a battery inserted, highlighting its 30-minute rapid charging capability for the 2.0 AH battery.

Once fully charged, remove the battery pack from the charger.

3.3 Attaching the Battery Pack

To attach the battery pack to the trimmer:

1. Align the ribs on the battery pack with the grooves in the trimmer's battery port.
2. Slide the battery pack into the trimmer until it locks securely in place. Ensure it is fully seated.

BRUSHLESS MOTER



16" CUTTING PATH



0.080" DUAL QUIET LINE



EASY TO INSERT

This image shows the ease of inserting the Greenworks 80V battery into the tool, demonstrating the simple and secure connection.

To remove the battery pack, press the battery release button and pull the battery out.

4. OPERATING INSTRUCTIONS

Follow these guidelines for safe and effective operation of your Greenworks PRO String Trimmer.

4.1 Starting and Stopping the Trimmer

1. Ensure the battery pack is securely installed.
2. To start, press the safety lock-out button (if applicable) and then squeeze the variable speed trigger.
3. To stop, release the variable speed trigger.

4.2 Trimming Techniques

For optimal performance and safety:

- **Sweeping:** Swing the trimmer from side to side, keeping the cutting head parallel to the ground.
- **Edging:** Tilt the trimmer to use the tip of the line for precise edging along sidewalks or driveways.
- **Cutting Path:** The trimmer features a 16-inch cutting path for efficient coverage.



This image demonstrates the 16-inch cutting path of the Greenworks PRO 80V String Trimmer, highlighting its wide coverage for efficient trimming.

4.3 Runtime Information

With a fully charged 2.0 AH 80V battery, the Greenworks PRO String Trimmer can provide up to 45 minutes of runtime, depending on the load and type of vegetation being trimmed.



This image shows a user operating the Greenworks PRO 80V String Trimmer, emphasizing its capability of up to 45 minutes of runtime with a 2.0 AH battery.

5. MAINTENANCE

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

5.1 Cleaning the Trimmer

- Always remove the battery pack before cleaning.
- Use a damp cloth to wipe down the exterior of the trimmer.
- Remove any grass clippings or debris from the cutting head and guard.
- Do not use strong detergents or solvents.

5.2 Replacing the Cutting Line

The trimmer uses a 0.080" dual quiet line. When the line becomes short, it can be advanced using the bump feed head.



This image highlights the bump feed head mechanism of the Greenworks PRO 80V String Trimmer, which allows for easy line advancement.

To replace the entire spool or manually feed line:

1. Ensure the battery is removed.
2. Refer to the detailed instructions in the full operator's manual for specific steps on opening the spool housing and winding new line.
3. Use only Greenworks recommended 0.080" diameter cutting line.



This image focuses on the 0.080" dual quiet line in action on the Greenworks PRO 80V String Trimmer, demonstrating its cutting effectiveness.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your string trimmer.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not fully charged or not inserted correctly.	Charge the battery fully. Ensure the battery is securely clicked into place.

Problem	Possible Cause	Solution
Cutting line does not advance	Line is tangled or too short. Spool is empty.	Bump the head firmly on the ground while operating. Replace the cutting line spool if empty or tangled.
Reduced cutting performance	Line is worn or incorrect diameter. Battery charge is low.	Advance or replace the cutting line. Ensure battery is fully charged.
Excessive vibration	Cutting line is unevenly distributed or damaged.	Check and adjust the cutting line. Replace if damaged.

If you encounter issues not listed here, please contact Greenworks customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	ST80L210
Power Source	80V Battery (Cordless)
Battery Type	Lithium-Ion (2.0 AH included)
Charger Type	Rapid Charger (30-minute charge for 2.0 AH battery)
Cutting Path	16 inches
Line Diameter	0.080 inches (Dual Quiet Line)
Motor Type	Brushless
Product Dimensions	89.41 x 25.4 x 17.78 cm (35.2 x 10 x 7 inches)
Item Weight	7.26 kg (16 pounds)

16" CUTTING PATH



This image provides an internal view of the brushless motor, illustrating how it provides more power and efficiency to the Greenworks PRO 80V String Trimmer.

80-VOLT LITHIUM MAX BATTERY DELIVERS
GAS-EQUIVALENT
POWER AND LONGER RUNTIME



This image shows a cutaway view of the Greenworks 80-Volt Lithium Max Battery, highlighting its internal cell structure that delivers gas-equivalent power and longer runtime.

8. WARRANTY AND SUPPORT

Greenworks products are built to the highest quality standards. This product comes with a comprehensive warranty to ensure your satisfaction.

Warranty Information

The Greenworks PRO 16-Inch 80V Cordless String Trimmer (Model ST80L210) typically includes a **3-Year Tool & Battery Warranty**. Please refer to the warranty card included with your product or visit the official Greenworks website for the most current and detailed warranty terms and conditions.



VARIABLE SPEED TRIGGER

ADJUSTABLE HANDLE

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BUMP FEED HEAD

0.080" DUAL QUIET LINE

This image indicates the 3-Year Tool & Battery Warranty that accompanies the Greenworks PRO 80V String Trimmer, ensuring long-term reliability.

Customer Support

For technical assistance, replacement parts, or warranty claims, please contact Greenworks customer support. Have your model number (ST80L210) and serial number ready when contacting support. You can find contact information on the Greenworks official website or in the included operator's manual.

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This manual is for informational purposes only. Specifications are subject to change without notice.