

BLACK+DECKER STC1820PC

BLACK+DECKER STC1820PC 18V Cordless String Trimmer User Manual

Model: STC1820PC

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe assembly, operation, maintenance, and troubleshooting of your BLACK+DECKER STC1820PC 18V Cordless String Trimmer. Please read this manual thoroughly before using the product and retain it for future reference. Failure to follow all instructions may result in electric shock, fire, and/or serious injury.

General Safety Warnings

- Always wear eye protection and sturdy footwear when operating the trimmer.
- Keep children and bystanders at a safe distance (at least 15 meters/50 feet) from the operating area.
- Do not operate the trimmer in wet conditions or rain.
- Ensure the battery is removed before performing any maintenance, cleaning, or when the tool is not in use.
- Inspect the work area for debris, rocks, or other objects that could be thrown by the cutting line.

2. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- BLACK+DECKER STC1820PC Cordless String Trimmer
- 18V 2.0Ah Lithium-Ion Battery
- Battery Charger
- Auxiliary Handle
- Guard
- Instruction Manual

3. SETUP AND ASSEMBLY

3.1 Attaching the Guard

Align the guard with the slots on the trimmer head. Push firmly until it clicks into place. Ensure it is securely fastened before use.

3.2 Attaching the Auxiliary Handle

Slide the auxiliary handle onto the trimmer shaft. Adjust its position for comfortable operation and tighten the locking knob. The handle can be rotated and angled for optimal user comfort and control.



Image: Adjusting the auxiliary handle for ergonomic use.

3.3 Inserting and Removing the Battery

To insert the battery, slide it into the battery port on the trimmer handle until it locks into place. To remove, press the release button and pull the battery out.



Image: Correct method for inserting the battery into the trimmer.

3.4 Charging the Battery

Connect the charger to a standard power outlet. Insert the battery into the charger. The indicator light on the charger will show the charging status. Refer to the charger's specific instructions for full details on charging times and indicator meanings. Ensure the battery is fully charged before first use.

4. OPERATING INSTRUCTIONS

4.1 Starting and Stopping the Trimmer

To start, ensure the battery is securely inserted. Press the safety lock-off button and then squeeze the trigger switch. To stop, release the trigger switch.

4.2 Trimming Techniques

Hold the trimmer firmly with both hands. Maintain a comfortable stance. For general trimming, tilt the trimmer head slightly and swing it in an arc, moving from right to left to allow debris to be thrown away from you. For edging, rotate the trimmer head to the vertical position (if applicable) and guide the wheel along the edge of the pavement.



Image: The trimmer head in action, demonstrating its cutting capability.



Image: User demonstrating edge trimming technique near a flower bed.



Image: User operating the trimmer in a grassy area.

4.3 Automatic Line Feed (AFS Reflex)

The STC1820PC features an Automatic Line Feed system. The cutting line will automatically extend when needed, typically when the motor speed decreases under load. There is no need to bump the head to feed the line.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your trimmer. Always remove the battery before performing any maintenance.

5.1 Cleaning

Clean the trimmer housing and guard with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep the air vents free from debris to prevent overheating.

5.2 Replacing the Cutting Line

When the cutting line runs out, replace the spool with a genuine BLACK+DECKER replacement spool (model number specified on the spool or in product documentation). Follow the instructions provided with the replacement spool for proper installation.

5.3 Battery Care and Storage

Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery partially (around 50%) to prolong its lifespan. Do not store the battery in a discharged state.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Trimmer does not start	Battery not inserted correctly or discharged.	Ensure battery is fully inserted. Charge the battery.
Cutting line does not feed automatically	Line is tangled or spool is empty.	Remove battery, inspect spool for tangles, or replace spool.
Reduced cutting performance	Dull or short cutting line.	Advance the cutting line or replace the spool.

7. SPECIFICATIONS

Feature	Specification
Brand	BLACK+DECKER
Model	STC1820PC
Power Source	18V Lithium-Ion Battery
Battery Capacity	2.0 Ah
Cutting Width	28 cm (11 inches)
Line Diameter	1.6 mm
Line Length	9 m
Weight (with battery)	2.53 kg (5.57 lbs)
Speed	7400 RPM

8. WARRANTY AND SUPPORT

BLACK+DECKER products are manufactured to high quality standards. For information regarding warranty coverage, service, or replacement parts, please refer to the warranty card included with your product or visit the official BLACK+DECKER website. You can also contact customer support for assistance.