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› BLACK+DECKER 20V MAX\* String Trimmer / Edger and Sweeper Combo Kit (LCC221) Instruction Manual

## BLACK+DECKER LCC221

# BLACK+DECKER 20V MAX\* String Trimmer / Edger and Sweeper Combo Kit (LCC221) Instruction Manual

Model: LCC221

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation, assembly, and maintenance of your BLACK+DECKER 20V MAX\* String Trimmer / Edger and Sweeper Combo Kit (LCC221). This versatile kit includes a 10-inch cordless string trimmer/edger and a hard-surface sweeper, both powered by the 20V MAX\* Lithium Ion battery system. Please read all instructions carefully before use.





Image 1: BLACK+DECKER 20V MAX\* String Trimmer / Edger and Sweeper Combo Kit, showing both the trimmer and sweeper units.

## 2. IMPORTANT SAFETY INFORMATION

**WARNING:** Always wear eye protection and gloves when operating power tools. Keep bystanders at a safe distance. Do not operate near flammable materials. Always unplug the power source (remove battery) before performing any maintenance or repairs.

For your safety, observe the following precautions:

- Read and understand all instructions before using the appliance.
- Do not allow children or untrained individuals to operate the tools.
- Dress properly: Wear long pants, long sleeves, and sturdy footwear. Avoid loose clothing or jewelry that could get caught in moving parts.

- Ensure the work area is clear of debris, rocks, or other objects that could be thrown by the cutting line or sweeper.
- Do not operate in wet conditions.
- Maintain a firm grip on the tool handles during operation.
- Store tools indoors in a dry, secure location out of reach of children.

### 3. PACKAGE CONTENTS

Your BLACK+DECKER 20V MAX\* String Trimmer / Edger and Sweeper Combo Kit includes the following components:

- 1 x LST201 20V MAX\* Cordless String Trimmer/Edger
- 1 x LBXR20 20V MAX\* Lithium Ion Battery
- 1 x Charger
- 1 x Spool (pre-installed or separate)
- 1 x Guard (for trimmer)
- 1 x LSW221 20V MAX\* Cordless Sweeper
- 1 x Blow Tube (for sweeper)

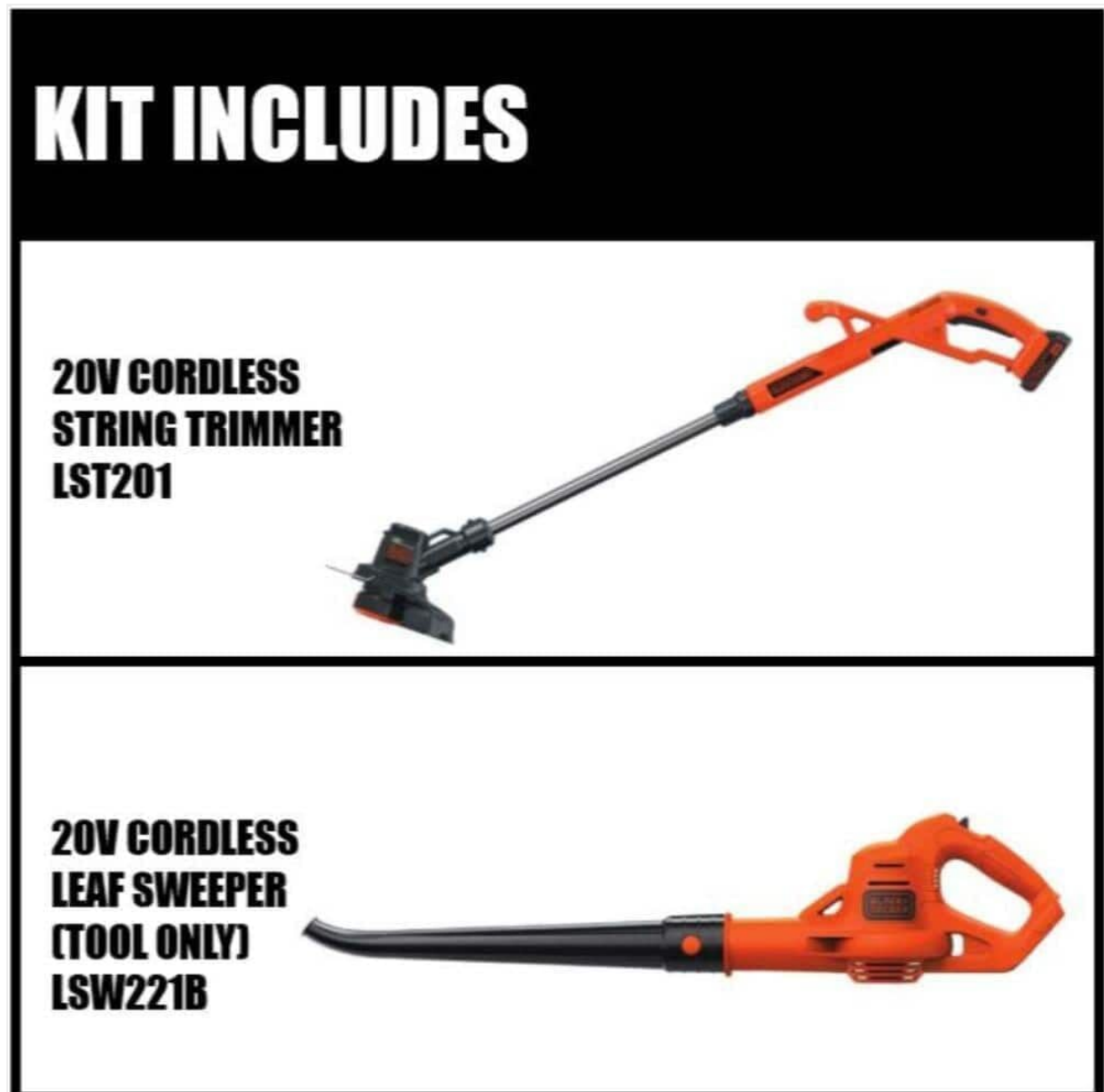


Image 2: Visual representation of the components included in the LCC221 kit.

## 4. SETUP AND ASSEMBLY

### 4.1 Attaching the Debris Shield (Trimmer)

1. Align the debris shield with the trimmer head.
2. Snap the shield firmly into place until it clicks.
3. Secure the shield with the provided screw, if applicable.



Image 3: The string trimmer in operation, showing the debris shield protecting the user.

### 4.2 Installing the Auxiliary Handle (Trimmer)

1. Loosen the auxiliary handle clamp.
2. Slide the handle onto the trimmer shaft to a comfortable position.
3. Tighten the clamp securely.

### 4.3 Adjusting the Shaft Length (Trimmer)

1. Twist the locking collar on the trimmer shaft to unlock.
2. Extend or retract the shaft to your desired length for comfortable operation.
3. Twist the locking collar back to securely lock the shaft in place.



Image 4: The string trimmer demonstrating its adjustable shaft feature.

#### 4.4 Battery Installation

1. Ensure the battery is fully charged (refer to Section 6).
2. Slide the battery pack into the tool's battery port until it clicks securely into place.
3. To remove, press the release button on the battery pack and slide it out.

### 5. OPERATING INSTRUCTIONS

#### 5.1 String Trimmer / Edger Operation

The LST201 unit functions as both a string trimmer and an edger.

- **Trimming:** Hold the trimmer with both hands, ensuring the cutting line is parallel to the ground. Move the trimmer slowly and steadily across the area to be trimmed. The AFS (Automatic Feed Spool) system automatically feeds the line as needed, eliminating the need for manual bumping.
- **Edging:** To convert to an edger, twist the trimmer head 90 degrees. The integrated wheel allows for precise edging along sidewalks and driveways. Guide the wheel along the edge, maintaining a consistent depth.



Image 5: The string trimmer in edger mode, demonstrating its 2-in-1 functionality.

## 5.2 Sweeper Operation

The LSW221 sweeper is designed for clearing debris from hard surfaces.

- **Debris Removal:** Hold the sweeper firmly and direct the blow tube towards the debris. Use a sweeping motion to gather leaves, grass clippings, and other light debris into piles for easy disposal.
- **Quiet Operation:** The sweeper is engineered for quiet performance, allowing for use without excessive noise disruption.



Image 6: A person using the cordless sweeper to clear a patio area.

### 5.3 Product Demonstration Video

Watch this official video for a visual guide on the BLACK+DECKER Lithium Ion String Trimmer and Sweeper Combo Kit:

Video 1: Official demonstration of the BLACK+DECKER Lithium Ion String Trimmer and Sweeper Combo Kit, showcasing its features and ease of use.

## 6. BATTERY AND CHARGING

The kit utilizes a 20V MAX\* Lithium Ion Battery, part of the BLACK+DECKER POWERCONNECT battery system. This system allows for interchangeable use of the battery across multiple compatible tools.

### 6.1 Charging the Battery

1. Connect the charger to a standard electrical outlet.
2. Slide the battery pack onto the charger until it is fully seated.
3. The charging indicator light on the charger will illuminate to show charging status. Refer to the charger's specific instructions for light patterns.
4. Once fully charged, remove the battery from the charger.

A fully charged 20V MAX\* Lithium Ion Battery can hold its charge for up to 18 months when stored properly.

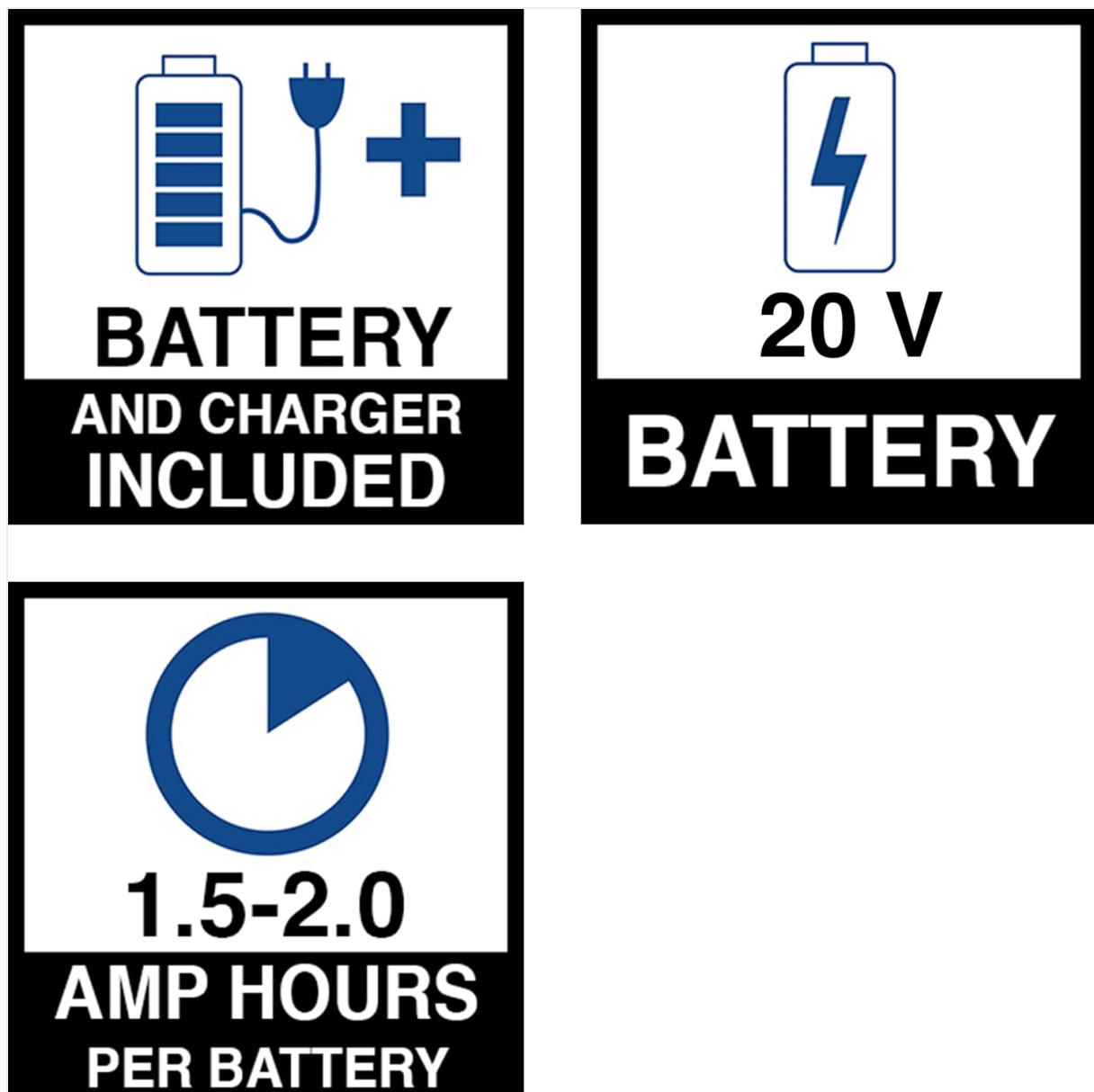


Image 7: Icons illustrating that a battery and charger are included, specifying 20V and 1.5-2.0 Amp Hours.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tools.

- **Cleaning:** After each use, clean the tools with a damp cloth. Remove any grass clippings, dirt, or debris from the trimmer head, shield, and sweeper nozzle. Do not use harsh chemicals or abrasive cleaners.
- **Line Replacement (Trimmer):** The AFS system simplifies line replacement. When the line runs out, replace the spool with a genuine BLACK+DECKER replacement spool. Follow the instructions provided with the replacement spool for proper installation.
- **Storage:** Store the tools and batteries in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure batteries are fully charged before long-term storage.

## 8. TROUBLESHOOTING

If you encounter issues with your BLACK+DECKER combo kit, refer to the table below for common problems and solutions.

| Problem                  | Possible Cause                               | Solution                                                                  |
|--------------------------|----------------------------------------------|---------------------------------------------------------------------------|
| Tool does not start      | Battery not charged or improperly installed. | Ensure battery is fully charged and correctly inserted until it clicks.   |
| Trimmer line not feeding | Spool is empty or line is tangled.           | Replace the spool or untangle the line. Ensure correct line type is used. |
| Sweeper has low airflow  | Nozzle is blocked or battery is low.         | Clear any obstructions from the nozzle. Charge the battery.               |
| Reduced run time         | Battery not fully charged or aging battery.  | Ensure battery is fully charged. Consider replacing an old battery.       |

## 9. SPECIFICATIONS

| Feature               | Specification                                                     |
|-----------------------|-------------------------------------------------------------------|
| Brand                 | BLACK+DECKER                                                      |
| Model Number          | LCC221                                                            |
| Power Source          | Battery Powered (20V MAX* Lithium Ion)                            |
| Trimmer Cutting Width | 10 inches                                                         |
| Trimmer Features      | 2-in-1 Trimmer/Edger, AFS Automatic Feed Spool, Adjustable Height |
| Sweeper Air Speed     | Up to 130 mph                                                     |
| Sweeper Airflow       | Up to 100 cfm                                                     |
| Item Weight (Trimmer) | 3.7 Pounds (approx.)                                              |
| Assembly Required     | Yes                                                               |

## 10. WARRANTY AND SUPPORT

BLACK+DECKER products are designed for durability and performance. For warranty information, product registration, or technical support, please refer to the warranty card included with your product or visit the official BLACK+DECKER website. You may also contact customer service directly for assistance with any product-related inquiries.