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› LUX-TOOLS A-RT-20/26 Cordless Grass Trimmer User Manual

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Model: A-RT-20/26 | Brand: LUX-TOOLS

1. INTRODUCTION

Thank you for choosing the LUX-TOOLS A-RT-20/26 Cordless Grass Trimmer. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new grass trimmer. Please read this manual thoroughly before first use and keep it for future reference.





Figure 1: LUX-TOOLS A-RT-20/26 Cordless Grass Trimmer. This image shows the complete grass trimmer with its telescopic handle, auxiliary handle, cutting head, and battery inserted.

2. SAFETY INSTRUCTIONS

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

General Safety Warnings:

- **Read all instructions:** Familiarize yourself with the controls and proper use of the appliance.
- **Keep children and bystanders away:** Do not allow children or untrained persons to operate the trimmer.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, long trousers, sturdy footwear, and hearing protection when operating the trimmer.
- **Inspect the work area:** Before starting, clear the area of stones, wire, or other debris that could be thrown by the

cutting blades.

- **Avoid dangerous environments:** Do not use the trimmer in wet or damp conditions.
- **Maintain proper footing and balance:** Do not overreach.
- **Disconnect battery:** Always remove the battery pack when not in use, before cleaning, or when performing maintenance.
- **Use only specified replacement parts:** Only use original LUX-TOOLS cutting blades and accessories.
- **Store idle appliances:** Store the trimmer indoors in a dry, secure place out of reach of children.
- **Do not modify the trimmer:** Any modifications can result in serious injury and will void the warranty.

3. PACKAGE CONTENTS

Carefully unpack all items and check against the list below. If any parts are missing or damaged, contact your retailer.

- 1x LUX-TOOLS A-RT-20/26 Cordless Grass Trimmer
- 1x 20V 2.0Ah Lithium-Ion Battery (AK-20/2.0)
- 1x Fast Charger (SLG-20/2.4)
- 10x Nylon Cutting Blades
- User Manual



Figure 2: The complete set including the grass trimmer, battery, and charger, as supplied in the package.

4. ASSEMBLY AND SETUP

The grass trimmer requires minimal assembly. Follow these steps to prepare your device for use.

4.1 Attaching the Plant Protection Guard

The plant protection guard helps prevent damage to delicate plants and flowers during trimming.

1. Locate the plant protection guard (metal wire loop) near the cutting head.
2. Fold it down into the operating position if it is not already.



Figure 3: Detailed view of the cutting head, showing the plant protection guard in its extended position, ready for use.

4.2 Adjusting the Telescopic Handle

The telescopic handle allows for comfortable operation for users of various heights.

1. Loosen the locking collar on the telescopic shaft.
2. Extend or retract the shaft to your desired length.
3. Tighten the locking collar securely to fix the length.



Figure 4: The grass trimmer shown with its telescopic handle fully extended, demonstrating its adjustable length.

4.3 Adjusting the Auxiliary Handle

The auxiliary handle can be adjusted for optimal grip and control.

1. Loosen the knob on the auxiliary handle.
2. Slide the handle along the shaft to a comfortable position.
3. Tighten the knob firmly to secure the handle.



Figure 5: A user's hands demonstrating the adjustment of the auxiliary handle on the trimmer's shaft for ergonomic comfort.

4.4 Charging and Inserting the Battery

Ensure the battery is fully charged before first use.

1. Connect the charger to a power outlet.
2. Slide the battery pack into the charger. The indicator light on the charger will show charging status.
3. Once fully charged, remove the battery from the charger.
4. Align the battery pack with the battery slot on the trimmer's main handle.
5. Slide the battery into the slot until it clicks securely into place.



Figure 6: A user's hands demonstrating the correct way to insert the battery pack into the handle of the grass trimmer.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your grass trimmer.

5.1 Starting and Stopping

1. Ensure the battery is fully inserted.
2. Hold the trimmer firmly with both hands.
3. Press the safety lock-off button (if present) and then squeeze the trigger switch to start the trimmer.
4. Release the trigger switch to stop the trimmer.

5.2 Trimming Techniques

For best results and to prolong blade life, use proper trimming techniques.

- **Edge Trimming:** Hold the trimmer at a slight angle to the ground, allowing the blades to cut the grass cleanly along

edges.

- **Weed Trimming:** Swing the trimmer from side to side, keeping the cutting head parallel to the ground.
- **Around Obstacles:** Utilize the plant protection guard to trim around trees, fences, and other obstacles without damaging them.



Figure 7: The grass trimmer actively trimming grass, demonstrating its precision near delicate garden plants with the plant protection guard.



Figure 8: A user adjusting the angle of the cutting head, highlighting the trimmer's versatility for different trimming tasks.

6. MAINTENANCE

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

6.1 Cleaning

- After each use, remove any grass clippings, dirt, or debris from the cutting head, guard, and ventilation slots.
- Use a dry cloth or soft brush. Do not use water or solvents.

6.2 Blade Replacement

The plastic cutting blades will wear down over time and need replacement.

1. Ensure the battery is removed.
2. Carefully remove the worn blade(s) from the cutting head.

3. Attach new LUX-TOOLS nylon cutting blades, ensuring they are securely fastened.

6.3 Storage

- Store the trimmer in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- Remove the battery pack before long-term storage.
- Store the battery in a cool, dry place, partially charged (around 50%).

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Trimmer does not start.	Battery not charged or not inserted correctly.	Charge battery fully. Ensure battery is securely clicked into place.
Reduced cutting performance.	Blades are dull or damaged.	Replace cutting blades.
Trimmer stops during operation.	Battery is depleted or overheated. Overload protection activated.	Recharge battery. Allow trimmer and battery to cool down. Reduce load on the trimmer.
Excessive vibration.	Damaged or improperly installed blade.	Inspect and replace blade if damaged. Ensure blade is installed correctly.

8. SPECIFICATIONS

Feature	Detail
Model	A-RT-20/26
Brand	LUX-TOOLS
Voltage	20V
Cutting Diameter	26 cm
Cutting System	Nylon Cutting Blades
Battery Type	Lithium-Ion
Battery Capacity (Included)	2.0 Ah
Charger Model (Included)	SLG-20/2.4
Weight	Approx. 2.98 kg
Dimensions (L x W x H)	Approx. 20 x 1 x 0.03 cm (packed/folded)
Color	Black, Silver, Grey

Note: Specifications are subject to change without notice for product improvement.

9. WARRANTY AND SUPPORT

LUX-TOOLS products are manufactured to high quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official LUX-TOOLS website.

For technical support, spare parts, or service inquiries, please contact your retailer or the LUX-TOOLS customer service department.

LUX-TOOLS 1PowerSystem: This machine is part of the LUX-TOOLS 1PowerSystem, allowing compatibility with other 20V Lithium-Ion batteries and chargers from this series.



Figure 9: An example of a LUX-TOOLS 1PowerSystem battery, highlighting its compatibility across the product line.

