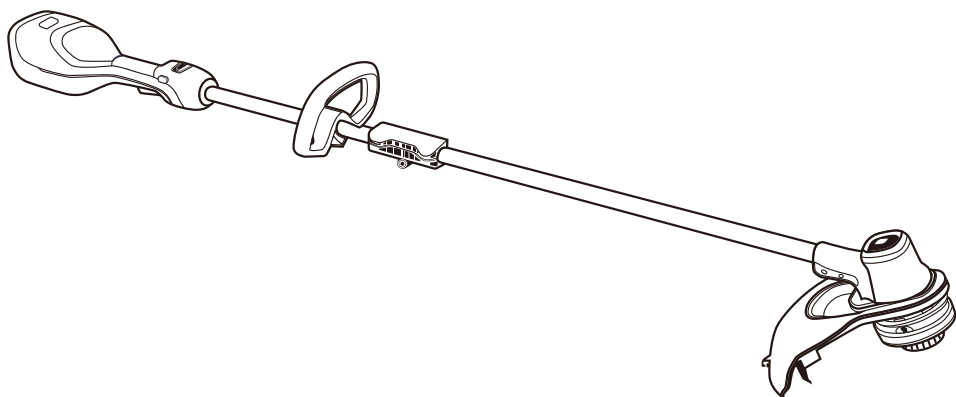


BRUSHLESS STRING TRIMMER

Model No.: U20GT00-0A220



WARNING:

To reduce the risk of injury, the user must read and understand the user manual before using this product. Save this manual for future reference.

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READ ALL INSTRUCTIONS!



WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

Important Safety Instructions



WARNING:
Only use the accessories that are provided with this product or the accessories approved by Litheli. Use other accessories might increase the risk of injury. Follow the instructions in this manual to properly use the accessories.



WARNING:
This product can expose you to chemicals including lead and Di(2-ethylhexyl) phthalate (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The appliance is only to be used with the power supply unit provided with the appliance.

GENERAL POWER TOOL SAFETY WARNINGS



WARNING:
Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Save all warnings and instructions for future reference.

1. WORK AREA SAFETY

- a. Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c. Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. ELECTRICAL SAFETY

- a. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c. Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e. When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3. PERSONAL SAFETY

- a. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment inattention while operating power tools may result in serious personal injury.
- b. Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

- c. Prevent unintentional starting. Ensure the trigger is in the off- position before connecting to the power source, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- d. Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e. Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
- g. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- h. Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4. POWER TOOL USE AND CARE

- a. Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b. Do not use the power tool if it cannot be turned on/off by the switch.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e. Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f. Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

5. BATTERY TOOL USE AND CARE (BATTERY TOOLS)

- a. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- e. **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- f. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- g. **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6. SERVICE

- a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- b. **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

SAFETY WARNINGS FOR LAWN TRIMMER AND EDGE TRIMMER

- 1. **Do not use the machine in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- 2. **Thoroughly inspect the area for wildlife where the machine is to be used.** Wildlife may be injured by the machine during operation.

- 3. Thoroughly inspect the area where the machine is to be used and remove all stones, sticks, wires, bones, and other foreign objects.** Thrown objects can cause personal injury.
- 4. Before using the machine, always visually inspect to see that the cutter and the cutter assembly are not damaged.** Damaged parts increase the risk of injury.
- 5. Check the grass collector frequently for wear or deterioration.** A worn or damaged grass collector may increase the risk of personal injury.
- 6. Keep guards in place. Guards must be in working order and be properly mounted.** A guard that is loose, damaged, or is not functioning correctly may result in personal injury.
- 7. Keep all cooling air inlets clear of debris.** Blocked air inlets and debris may result in overheating or risk of fire
- 8. Wear eye protection and ear protection.** Adequate protective equipment will reduce personal injury.
- 9. While operating the machine, always wear non-slip and protective footwear. Do not operate the machine when barefoot or wearing open sandals.** This reduces the chance of injury to the feet from contact with the moving cutter.
- 10. Always wear clothing such as trousers that covers the operator's legs while operating the machine.** Contact with the moving cutter or line may cause injury.
- 11. Keep bystanders away while operating the machine.** Thrown debris can result in serious personal injury.
- 12. Do not operate the machine above waist height.** This helps prevent unintended cutter contact and enables better control of the machine in unexpected situations.
- 13. Exercise caution when operating the machine in wet grass. Walk, never run.** This reduces the risk of slipping and falling which may result in personal injury.
- 14. Do not operate the machine on excessively steep slopes.** This reduces the risk of loss of control, slipping and falling which may result in personal injury.
- 15. When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction.** This reduces the risk of loss of control, slipping and falling which may result in personal injury.
- 16. Keep all power cords and cables away from cutting area.** Power cords or cables may be hidden in hedges or bushes and can be accidentally cut or damaged by the line or cutter.

- 17. Carry the machine with the machine switched off and away from your body.** Proper handling of the machine will reduce the likelihood of accidental contact with a moving trimmer cutter or line.
- 18. Only use replacement cutting heads and trimmer cutters or lines specified by the manufacturer. Do not replace the trimmer cutters or lines with metal wires or blades.** Incorrect replacement parts may cause loss of control, breakage and injury.
- 19. Hold the machine by the insulated gripping surfaces only, because the cutting line or blade may contact hidden wiring.** Cutting line or blades contacting a "live" wire may make exposed metal parts of the machine "live" and could give the operator an electric shock.
- 20. When clearing jammed material or servicing the machine, make sure the switch is off and the battery pack is removed.** Unexpected starting of the machine while clearing jammed material or servicing may result in serious personal injury.
- 21. When clearing jammed material or servicing the machine, make sure the switch is off and the machine is disabled.** Unexpected starting of the machine while clearing jammed material or servicing may result

SAFETY WARNINGS FOR BATTERY PACK

- 1.** Do not modify or attempt to repair the battery pack. Do not dismantle, open or shred battery pack.
- 2.** Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause explosion.
- 3.** Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or fire.
- 4.** Do not subject battery pack to mechanical shock.


5. Observe the plus (+) and minus (-) marks on the battery back and equipment and ensure correct use.
6. Keep battery pack out of the reach of children.
7. Always purchase the battery pack recommended by the device manufacturer for the equipment.
8. Keep battery pack clean and dry.
9. Wipe the battery pack terminals with a clean dry cloth if they become dirty.
10. Battery pack need to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.
11. Do not leave battery pack on prolonged charge when not in use.
12. After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.
13. Battery pack gives its best performance when it is operated at normal room temperature (20°C—35°C).
14. Use only the battery pack in the application for which it was intended. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
15. Remove the battery pack from the equipment when not in use.
16. Dispose of properly.
17. Do not handle the charger, including charger plug, or charger terminals with wet hands.
18. Do not charge the battery pack outdoors, in rain, or in wet locations.
19. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
20. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
21. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you lend this tool to someone else, also lend these instructions to them to prevent misuse of the product and possible injury.





Safety Symbols









The purpose of safety symbols is to attract your attention to possible danger. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instruction and warnings they give are no substitutes for proper accident prevention measures.

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	WARNING	Indicates a hazardous situation, which, if not avoided, could result in death or serious injury.
	NOTICE	(Without Safety Alert Symbol) Indicates information considered important, but not related to a potential injury (e.g. messages relating to property damage).

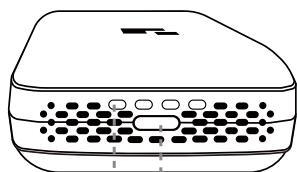
Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

Symbol	Description	Symbol	Description
	To reduce the risk of injury, user must read instruction manual.		Do not use in the rain or leave outdoors while it is raining.
	SAFETY ALERT - indicate a precaution, a warning or a danger.		Wear hearing protection.

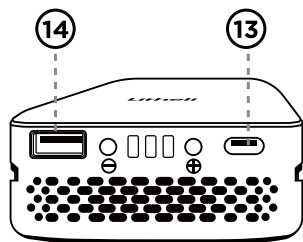
	<p>Keep bystanders away</p>		<p>Wear eye protection.</p>
	<p>Wear safety footwear</p>		<p>CAUTION! Beware of stone or other foreign objects that could be thrown from the appliance.</p>
	<p>Do not burn the battery pack.</p>		<p>Indoor use only. Only use battery charger indoors.</p>
	<p>Batteries may enter water cycle if disposed of improperly, which can be hazardous to the ecosystem. Do not dispose of old batteries as unsorted municipal waste.</p>		<p>Li-Ion battery. This product has been marked with a symbol relating to 'separate collection' for all battery packs and battery pack. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.</p>

Know Your Tool

1. Upper Shaft/Handle
2. On/off Switch
3. Middle Shaft
4. Safety Guard
5. Trimmer Head
6. Auxiliary Handle
7. Speed-control Switch
8. Lock-off Button
9. Battery Power Button
10. Battery Compartment
11. Battery Power Indicator Light
12. Battery Power Button
13. Two Way Type-C Port
14. USB-A Port
15. Charging Cable

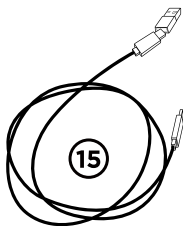


11 12

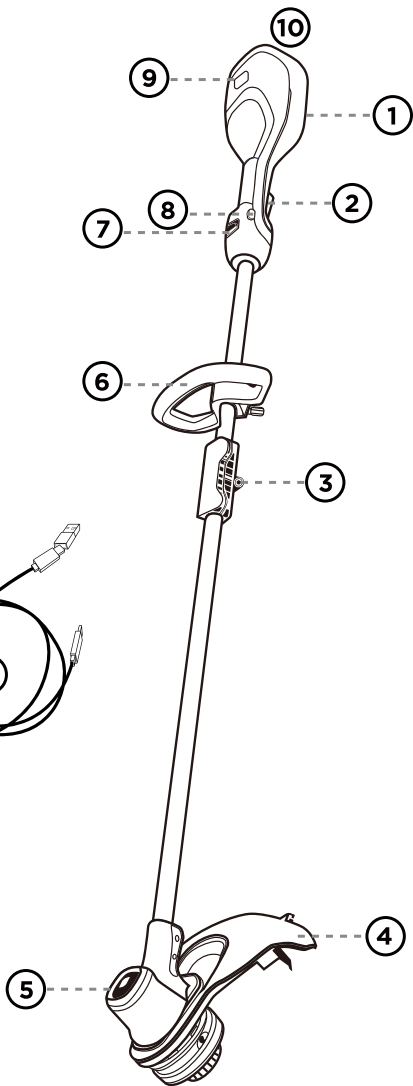


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13



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Technical Data

Model No.	U20GT00-0A220
Voltage	20V  x2 MAX
No-load Speed	5000/6000rpm±10%
Cutting Width	14"(350mm)
Machine weight (Battery Excluded)	6.61 lbs (3kg)
Mowing Line Diameter	0.08" (2mm)

*** Charger is not supplied with this product. You should prepare a 45W charger to work with the supplied charging cable for charging.**

ACCESSORIES

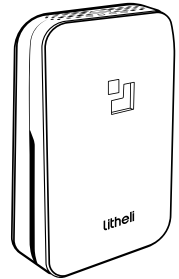
Model No.	U20GT00-0A220
Battery	2
Charging Cable	2
Hexagon Socket Spanner	1
Phillips Screw	4
Auxiliary Handle	1
Bolt	1
Hand Screw Nut	1

Litheli BATTERY (U-BATTERY PLUS)

NOTICE:

- Use only Litheli U-BATTERY PLUS for this appliance.
- This Litheli U-BATTERY PLUS is not resistant to water or dust. Please always keep this battery dry and clean when in use and storage. Do not allow water or moisture enter this battery.

- Benefiting from the innovative battery replacement design, the battery can be exchanged easily.
- Short charging time, and minimal heating while charging.
- The same lithium-ion electrochemistry which is for new energy vehicles.
- Can work as power bank and charge mobile phones and laptops.



Charging Your Battery

WARNING:

Do not use charger outdoors or expose it to wet or damp conditions. Water entering the charger will increase the risk of electric shock.

⚠ WARNING:
Charge the battery in a dry and ventilated room, far away from combustibles and ignition sources.

NOTICE: Charger is not supplied with this appliance. You should prepare a 45w charger to work with the supplied charging cable for charging. Make sure the charger meets the requirement (Max. Charging Input) in Technical Data.

NOTICE: Lithium-ion batteries are shipped partially charged. Before using it the first time, fully charge the battery.

BATTERY POWER INDICATOR

The battery supplied with this appliance is equipped with 4 battery power indicator lights which indicate the charge remained in the battery. Press the battery power button to check the remaining power.

The power level will be shown as following when charging:

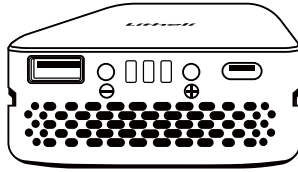
- a. When only one indicator shows flashing, the battery needs to be charged.
- b. During the charging process, the indicators will light up one by one according to the charging situation, the indicator corresponding to the part that is full is always on, and the indicator of the part that is not fully charged flashes.
- c. All 4 indicator lights light up when the battery is fully charged.

NOTICE: If the battery power indicator lights 1&2 flash, it indicates an abnormal voltage or temperature situation.

Power Level	LED1	LED2	LED3	LED4
0-25%	Flashing	Off	Off	Off
25-50%	On	Flashing	Flashing	Flashing
50-75%	On	On	Flashing	Flashing
75-99%	On	On	On	Flashing
Fully Charged	On	On	On	On
Error	Flashing	Flashing	Off	Off

CHARGING PROCEDURE:

- a. Remove the 2 batteries from the appliance.
- b. Use the supplied charging cable, insert the Type-C male connector at one end into the 2-Way Type-C Port at the bottom of the battery.
- c. Connect the other end of the charging cable to the charger (not supplied), and connect the charger to the power supply for charging. The battery power indicator light will flash to indicate charging is in progress***.
- d. When all the battery power indicator lights stay on, the batteries are fully charged. Remove the batteries from the charger and disconnect them from the charging cable.



***NOTICE:

- **The 2 batteries should both be fully charged before using with this appliance.**

TIPS:

- a. The battery is not fully charged when leaving the factory, so be sure to fully charge the battery before first use.
- b. Do not charge the battery at temperatures below 5°C or above 40°C.
- c. When the working time of this appliance becomes significantly shorter, or the charging time becomes longer, it is recommended to replace the battery for a new one.
- d. The battery features overcharge protection, over-discharge protection and short circuit protection.

- e. The battery features overheating protection, and the output voltage for charging/powering devices which is operated in conformity with the instructions in this Manual is within a safe range, ensuring the safety for users. To avoid accidents, do not disassemble or modify the machine or the
- f. battery.

Assembly and Adjustment

WARNING:

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the tool when assembling parts.

WARNING:

Do not attempt to modify this tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to serious injury.

WARNING:

Do not attempt to start the tool before it has been completely assembled.

UNPACKING

- This product requires assembly.
- Remove all the items from the carton. Make sure that all items listed in the parts list are included.
- Inspect the product carefully to make sure that no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
- If any parts are damaged or missing, please return the tool to the place of purchase.

CONNECTING THE MAIN SHAFT

- Align the folding middle shaft and secure it with two screws using the provided hexagon socket spanner as shown. The two parts of the middle shaft need to be aligned parallel, or the shafts will not fit. (Fig. 1)

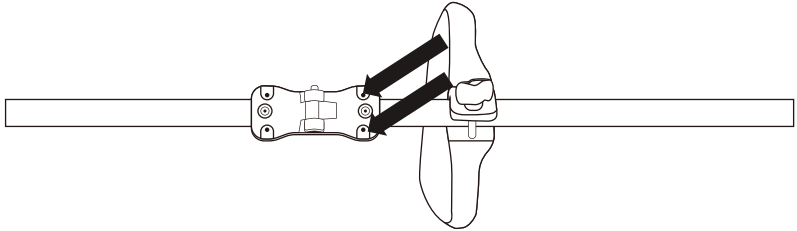


Fig. 1

INSTALLING THE SAFETY GUARD

-INSTALLING

Place the string trimmer flat, install the safety guard on the trimmer head as shown, and use two Phillips screws to fix it. (Fig. 2,3)

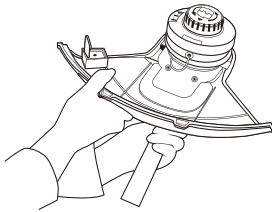


Fig. 2

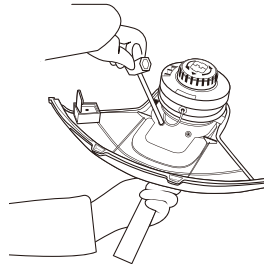


Fig. 3

ASSEMBLING THE AUXILIARY HANDLE

- Clip the auxiliary handle at the appropriate position on the upper part of the shaft as shown, the position can be adjusted according to personal customs.(Fig. 4)

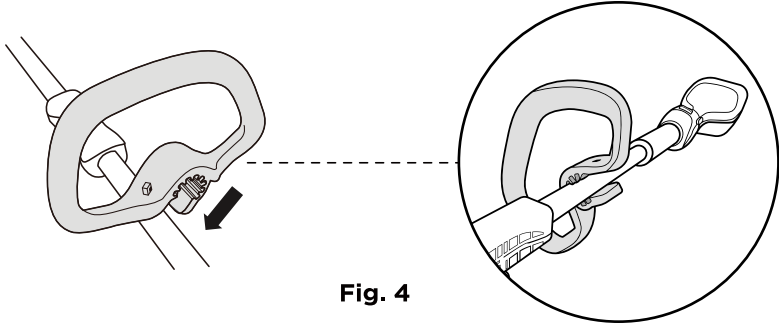


Fig. 4

- Insert the bolt through the screw hole as shown, install and tighten the hand screw nut to secure it.(Fig. 5)

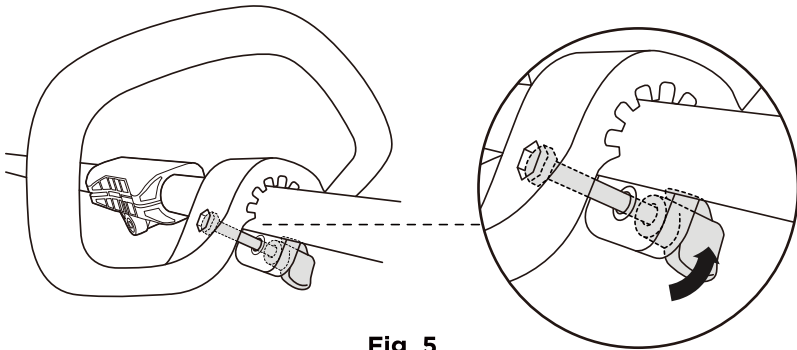
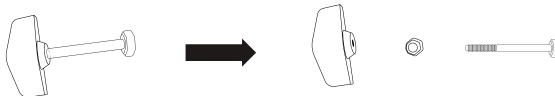


Fig. 5

Notice: The hand screw nut consists of a Hexagon nut and a hand screw nut cap and the Hexagon nut will be pre-assembled into the hand screw nut cap.
If the hexagon nut falls out, please put it into the hand screw nut cap before starting the next step.



INSTALLING OR REMOVING THE BATTERY

NOTICE:

- Do not use excessive force to push the battery.
- This appliance will only run with 2 batteries installed. Please do not mix the new and old batteries when using.

-INSTALLING

Push the batteries into the battery compartment at the end of the handle, in the correct direction and position (the battery power indicator light is facing outwards), and push the batteries to the end. (Fig. 6)

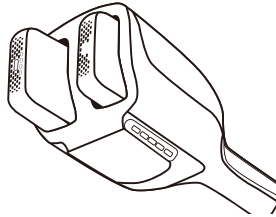


Fig. 6

- REMOVING

Press the battery release button, and the 2 batteries will pop out from the compartment automatically. Hold the batteries and remove them from the machine. (Fig.7)

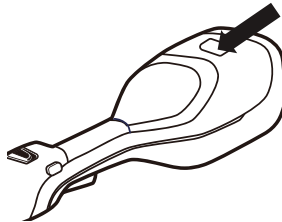


Fig. 7

Operation

INTENDED USE

This string trimmer is intended for trimming and edging grass and light foliage.

NOTICE:

- **Avoid prolonged continuous use of the product. It is recommended to periodically rest the product.**
- **Avoid striking foreign objects, such as posts, fences and walls.**

WARNING:

Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

WARNING:

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

WARNING:

Keep the area to be cleared free of stones, toys or other foreign objects that the blade might pick up and throw. Such items could be covered by grass and are easy to overlook, so be sure to conduct a thorough inspection of the area before beginning work.

STARTING/STOPPING THE STRING TRIMMER

- To start the string trimmer:

WARNING:

When starting, make sure the operator and the string trimmer are in a stable position.

Depress and hold the lock-off button①, and then squeeze the on/off switch② and hold it. Once the machine is switched on, you can release the lock-off button. (Fig. 8)

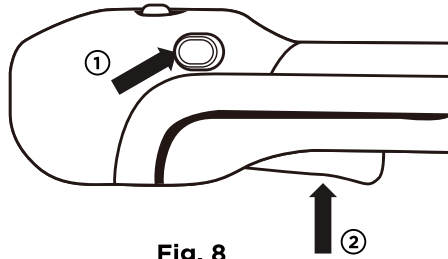


Fig. 8

To stop the string trimmer:

Just release the on/off switch to stop the machine.

ADJUSTING THE MOWING SPEED

Switch on the string trimmer. The string trimmer has two gears: high and low, adjust the speed control switch to the appropriate gear according to needs. (Fig. 9)

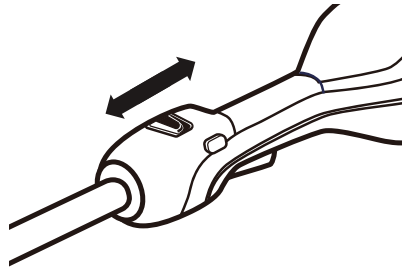


Fig. 9

USING YOUR STRING TRIMMER

Hold the string trimmer away from your body using both hands and stand on a solid and secure surface.

- Using as a string trimmer (Fig. 10-1)

Firmly grip both handles, move slowly and steadily using a side to side sweeping motion.

- Using as a edge trimmer (Fig. 10-2)

Firmly grip both handles with the head rotated, move slowly to trim the edge of the lawn.



Fig. 10-1



Fig. 10-2

⚠ WARNING:
Risk of electric shock. Pay attention to the position of garden cables.

⚠ WARNING:
To reduce the risk of personal injury always wear eye protection. Personal protective equipment such as sturdy gloves and non-slip shoes are recommended.

- ⚠ WARNING:**
- Pay attention to the hazard posed to third parties from the increased working area of the string trimmer.
 - Always take care when other people are around you. The string trimmer may throw out stones and debris at high speed.
 - Take care not to overload the string trimmer. Attempting to force the string trimmer to cut may damage the motor. To prevent overloading cut long or difficult foliage in stages with several light cuts.
 - Take care not to grind the rotating parts against the ground as this will wear parts and cause damage to the trimmer.
 - Take care when trimming around objects such as stones or concrete as these can damage the string trimmer blade and parts that attach the blade.
 - If the blade becomes worn or damaged, it should be replaced with a new one.

EXTENDING AND REPLACING THE MOWING LINE

EXTEND THE MOWING LINE

In the process of use, if the mowing line becomes short or broken by natural consumption, just tap the rotating trimmer head on the ground as shown, the mowing line will come out automatically and the line limiting blade at the bottom will cut the mowing line to the appropriate length. (Fig. 11)

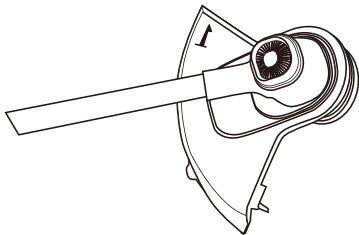


Fig. 11

REPLACE THE MOWING LINE

- a.** If the mowing line runs out and needs to be replaced, make sure the machine is not in operation and remove the battery pack before replacing the mowing line.
- b.** Twist the top of the trimmer head in the direction indicated on the top of the trimmer head and place the top and bottom triangles against each other. (Fig. 12)
- c.** Thread the line from the position shown up to the middle of the line and align the two ends.(Fig. 13)
- d.** Rotate the top of the trimmer head in the direction indicated to collect the mowing line.

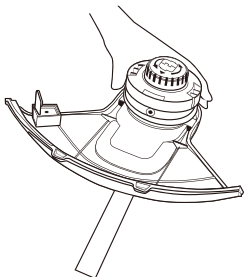


Fig. 12

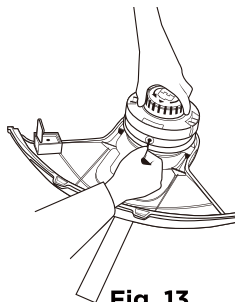


Fig. 13

Maintenance

WARNING:

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

WARNING:

To prevent serious personal injury, remove the battery pack from the tool before servicing, cleaning, changing add-on attachments or removing material from the unit.

WARNING:

For the user's safety, worn or damaged parts must be replaced. Replace with original replacement parts only.

WARNING:

To prevent serious injury from appliance failure, do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

GENERAL MAINTENANCE TIPS

1. Do not attempt to repair the machine unless you have the proper tools and instructions for disassembly and repair of the machine.
2. Check all the parts at frequent intervals for proper tightness to ensure that the machine is in safe working condition.
3. BEFORE EACH USE, inspect the general condition of the appliance. Check for:
 - loose hardware,
 - misalignment or binding of moving parts,
 - cracked or broken parts,
 - dull or damaged blade,
 - and any other condition that may affect its safe operation.

GENERAL MAINTENANCE TIPS

Regular cleaning and maintenance of your grass trimmer will ensure efficiency and prolong the life of the product.

- After each use, scrape debris loose from inside trimmer head and around the plastic blade. Then wipe with clean damp cloth.
- Never wet or spray water on the machine. Do not immerse tool in liquid. Do not use any detergents or solvents as these could cause irreparable damage to the trimmer. Chemicals can destroy the plastic parts.
- Clean outside surfaces with a clean, dry cloth.

Storage

String trimmer:

1. Examine the cordless string trimmer thoroughly for worn, loose or damaged parts. Should you need to repair or replace a part, contact Litheli Customer Service for assistance.
2. Remove the battery. Allow the motor to cool and clean the string trimmer before storing.
3. Store the cordless string trimmer indoors in a locked, dry, well-ventilated place out of the reach of children to prevent unauthorized use or damage.

Battery:

1. Do not expose your battery to water, rain or allow them to get wet. This could permanently damage the battery. Do not use oil or solvents to clean or lubricate your battery as the plastic casing can become brittle and crack, causing a serious risk of injury.
2. Store the battery at room temperature away from moisture. Do not store in damp locations where corrosion of terminals may occur. As with other battery types, permanent capacity loss can result if the pack is stored for long periods of time at high temperatures (over 120°F/49°C).
3. For longer service life of battery, recharge the battery every month when not in use.

For Battery-powered Tools

The ambient temperature range for the use and storage of tool and battery is 0°C-45°C (32°F-113°F).

The recommended ambient temperature range for the charging system during charging is 10°C-40°C (50°F-104°F). While charging, the battery and charger should be placed in a cool, dry indoor place with good ventilation.

Troubleshooting

WARNING:

Switch off the machine and remove the battery packs prior to any troubleshooting.

Problem	Possible causes	Remedy
String trimmer fails to operate.	Battery is not installed well.	Check the battery is fully inserted.
	Battery is depleted.	Charge the battery.
	Lock-off button is not depressed.	Depress the lock-off button fully and then squeeze the operating bail.
	Battery is too cold.	Remove battery from string trimmer . Place battery on charger and allow to charge for 10 minutes. Remove from charger and install in string trimmer for use.
	On/off switch is defective.	Contact the service center for replacing.
	Blade is jammed	Clean the debris.

Poor performance	Blade is worn or damaged.	Replace the blade.
Abnormal vibrations	Blade is not installed well.	Re-install the blade and ensure it is locked in place.
Reduced cutting time	Blade hit obstacles.	Clean the foreign objects before trimming.
Cutting time reduced	Grass is too high.	Use lighter cutting action and cut in several stages.

Warranty

Litheli WARRANTY POLICY FOR U20 PRODUCT

- For Litheli U20 product (battery excluded) used for personal and household purposes, 3-year limited standard warranty + 2-year limited extended warranty available upon product registration;
- For Litheli U20 batteries used for personal and household purposes, 3-year limited warranty;

NOTICE: Litheli offers a Warranty Extension Service for U20 product (battery excluded). Litheli U20 product (battery excluded) Warranty Extension is available only upon product registration. Register your U20 product on Litheli OFFICIAL website to activate a 2-year limited extended warranty.

Please contact Litheli customer service at service@litheli.com any time you have questions or warranty claims.

LIMITED WARRANTY SERVICE

FOR FIVE (2-year limited extended warranty included) YEARS from the date of original retail purchase, this Litheli product (battery not included) is warranted against defects in material or workmanship. Defective product will receive free repair or will be exchanged.

FOR THREE YEARS from the date of original retail purchase, the Litheli battery is warranted against defects in material or workmanship. Defective product will receive free repair or be exchanged.

1. This warranty only covers Litheli products and batteries used for residential purposes.
2. This warranty does not cover the consumables such as, but not limited to, charging cable, plastic blades.
3. This warranty does not cover the damage resulting from modification, alteration or unauthorized repair.
4. This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse (including overloading of the product beyond capacity and immersion in water or other liquid), accidents, neglect or lack of proper installation, and improper maintenance or storage.
5. This warranty does not cover normal deterioration of the exterior finish including but not limited to scratches, dents, paint chips, or to any corrosion or discoloring by heat, abrasive and chemical cleaners.
6. This warranty applies only to the original purchaser from an authorized Litheli shop and may not be transferred.
7. This warranty does not require Litheli to repair or replace a Litheli lithium-ion battery/ies if the battery/ies present/s shortened runtime/working hour, reduced capacity, and/or weakened performance due to normal chemical age.

PRODUCT REGISTRATION

Please register your Litheli product on **Litheli OFFICIAL website.**

For better warranty services, we recommend that you register the product within 30 days from the date of the original retail purchase.

WARRANTY CLAIM

For warranty claims, please contact Litheli customer service. You will need to submit a registration document or proof of purchase in the form of a valid receipt that displays date and place of purchase. Replacement products do not come with a new warranty. The warranty of the products will continue from the date of the original purchase.

litheli tool

TOOLS FOR THE FUTURE



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