



RLT5030SG

EasyEdge™ ELECTRIC LINE TRIMMER
OPERATOR'S MANUAL



Important!

It is essential that you read the instructions in this manual before assembling and operating this machine. Subject to technical modifications.

ENGLISH

Your line trimmer has been engineered and manufactured to Ryobi's high standard for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

Thank you for buying a Ryobi product.

SAVE THIS MANUAL FOR FUTURE REFERENCE

INTRODUCTION

This appliance is not intended for use by persons (including children) with reduced understanding, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

This product has many features for making its use more pleasant and enjoyable.

Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

INTENDED USE

This grass trimmer is designed for cutting grass and similar soft vegetation and for trimming grass edges in private and hobby garden areas which are not accessible with a lawn mower.

The device should not be used in public gardens, parks, sports centres or at roadsides as well as in agriculture and forestry.

This lawn trimmer is not recommended for cutting or chopping:

- Hedges, shrubs, bushes or flowers.

GENERAL SAFETY RULES



WARNING:

When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following:

READ ALL INSTRUCTIONS

- Be familiar with the controls and proper use of the product.
- Clear the work area before each use. Remove all objects such as rocks, broken glass, nails, wire or string that can be thrown or become entangled in the cutting line.
- Wear heavy, long trousers, boots and gloves. Do not wear loose fitting clothing or shorts. Always wear shoes. Do not wear jewellery of any kind.
- Secure hair above shoulder level to prevent entanglement in moving parts.
- Do not allow children or untrained individuals to use

this product.

- Keep all bystanders, especially children and pets, at least 15 m from the operating area.
- Do not operate this product when you are tired, ill or under the influence of alcohol, drugs or medication.
- Do not operate in poor lighting. Use the unit only in daylight or good artificial light.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance or exposure to hazards.
- Keep all parts of your body away from moving parts.
- Inspect the product before use. Replace any damaged parts before use.
- Do not operate the product in damp or wet locations.
- Do not use the product in the rain.
- Wear safety glasses or goggles when operating this product.
- Use the right product. Use the product for the intended purpose only.
- Do not handle the product with wet hands.
- Do not use the product if the switch does not turn the product on or off. A product that cannot be controlled with the switch is dangerous and must be repaired.
- Avoid accidental starting; never carry the product with your finger on the trigger.
- Use common sense when using this product. Stay alert and pay attention to what you are doing.
- Do not force the product. It will do a better job with less risk of injury when you operate it at the rate for which it was designed.
- Pull the plug out immediately if the mains or extension lead is damaged or severed.
- Disconnect the product from the power supply when it is not in use, before servicing and when changing accessories.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.

SPECIFIC SAFETY RULES

SPECIFIC TRIMMER SAFETY RULES

- Replace the trimmer head if cracked, chipped or damaged in any way. Be sure the trimmer head is properly installed and securely fastened.
- Make sure all guards, deflectors and handles are properly and securely attached.
- Use only the manufacturer's replacement line in the trimmer head.
- Never operate the product without the safety guard in place and in good condition.
- Use the product for cutting grass and light weeds only. Do not use for any other purpose.
- Before starting the product, position it so that the line does not come in contact with anything you do not intend to cut.
- Maintain a firm grip on both handles while trimming.

ALWAYS KEEP THE TRIMMER HEAD BELOW WAIST LEVEL.

- Keep the working area free from wires, stones and debris.
- Do not cut against hard objects. This could cause injury or damage the trimmer.
- Do not use the trimmer to cut grass which is not in contact with the ground; for example, do not cut grass which is on walls or rocks.
- Always use your trimmer in an upright position.
- Keep hands away from the cutting line. Do not attempt to remove cut material or to hold material to be cut when the line is moving.
- Be sure to unplug the product before clearing jammed material from the line.
- Do not grasp the line when picking up or holding the product.
- Be cautious after turning off the product. The line coasts after turning off the product.
- Do not switch the trimmer on in enclosed or poorly ventilated spaces or in the presence of inflammable and/or explosive substances such as liquids, gas and powders.
- Do not cross roads or gravel paths with the trimmer still running.
- Never fit metal cutting elements to the trimmer.

ELECTRICAL SAFETY RULES

- Make sure the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.
- Do not abuse the power cord. Never carry the product by the cord. Never pull the plug out of the power point by the cord. Keep the cord away from heat, oil and sharp edges.
- For outdoors work use only suitably approved extension cables with a min. Conductor cross section of 1.0 mm² The plug connectors must have earthing contacts and be rain-water-proof.
- Inspect extension cords for deterioration, cuts or cracks in the insulation. Repair or replace the cords if any defects appear.
- A nameplate on the product indicates the unit's voltage. Never connect the product to an AC voltage that differs from this voltage.
- If the power cord or extension cable becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.**
- Electrical power should be supplied via a Residual Current Device (RCD) with a tripping current of not more than 30 mA.

MAINTENANCE RULES

- Maintain the product with care. Follow instructions for changing accessories. Keep the product dry, clean and free from oil and grease.
- Unplug the product before making adjustments or

repairs.

- Do not use the product if parts have been damaged.
- Check the product regularly to make sure that it will operate properly and perform the intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts and any other condition that may affect the unit operation. Inspect the unit's power connection. Any part that is damaged should be properly repaired or replaced by a Ryobi authorised service centre.
- Keep the product clean of grass clippings and other materials that may become lodged in the cutting lines and air vents.
- Never douse or squirt the product with water or any other liquid. Do not use detergents or solvents. Keep handles dry, clean and free from debris.
- After each use, clean with a soft, dry cloth

WARNING:



Before carrying out any maintenance operations, cut off the electric power supply by disconnecting the plug from the mains.

- If the cut-off blade is worn or breaks, have this replaced by contacting an authorised service centre.

SERVICE RULES

- Service on this product must be performed by qualified repair personnel only. Service or maintenance performed by unqualified personnel could result in injury to the user and/or damage to the product. Such service may also void your warranty.
- Use only identical replacement parts when servicing the product. Follow the instructions in the Maintenance section of this manual. Use of unauthorised parts or failure to follow maintenance instructions may create a risk of shock, serious injury to the user and/or damage to the product. Such use may also void your warranty.

STORAGE AND TRANSPORTATION RULES

- Stop the motor when you are waiting to cut or when you are walking from one cutting location to another.
- Store the product inside in a dry place.
- Store the product up high or lock it up to prevent unauthorised use or damage. Keep the product out of the reach of children.
- Secure the product when transporting it.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you loan someone this product, loan these instructions also.

TRAINING

- Read the instructions carefully. Be familiar with the controls and the proper use of the machine.
- Never allow people unfamiliar with these instructions or children to use the machine. Local regulations can restrict the age of the operator.

ENGLISH

- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

PREPARATION

- Before use, check the supply and extension cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the appliance if the cord is damaged or worn.
- Never operate the machine while people, especially children, or pets are nearby.
- Wear eye protection and shoes at all times while operating the machine.

OPERATION

- Keep supply and extension cords away from **cutting line**.
- Use the machine only in daylight or good artificial light.
- Never operate the machine with damaged guards or shields or without guards or shields in place.
- Switch on the motor only when the hands and feet are away from the cutting line.
- Always disconnect the machine from the power supply (i.e. remove the plug from the mains or remove the disabling device)
 - whenever leaving the machine unattended;

- before clearing a blockage;
- before checking, cleaning or working on the machine;
- after striking a foreign object;
- whenever the machine starts vibrating abnormally.








- Take care against injury to feet and hands from the **cutting line**.
- Always ensure that the ventilation openings are kept clear of debris.

MAINTENANCE AND STORAGE

- Disconnect the machine from the power supply (i.e. remove the plug from the mains or remove the disabling device) before carrying out maintenance or cleaning work.
- Use only the manufacturer's recommended replacement parts and accessories.
- Inspect and maintain the machine regularly. Have the machine repaired only by an authorized repairer.
- When not in use, store the machine out of the reach of children.




SAVE THIS MANUAL FOR FUTURE REFERENCE

SYMBOLS

SYMBOL	EXPLANATION
	Warning! Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	Read this safety and operating instructions in this booklet and keep it in a safe place for future reference.
	Wear eye protection.
	Do not use this tool in the rain. Avoid using it in damp conditions.
	Keep all bystanders at least 15m away.
	Disconnect the mains plug if the cord is damaged or entangled.
	Beware of thrown or flying objects to bystanders. Keep bystanders a safe distance away from the machine.

ENGLISH

SYMBOLS

SYMBOL	SIGNAL	MEANING
	DANGER:	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING:	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION:	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION:	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest **AUTHORISED SERVICE CENTRE** for repair. When servicing, use only identical replacement parts.

SPECIFICATIONS

Rated power	500 W
Rated voltage	220-240V~50Hz
No load speed	10000 /min
Cutting capacity	300 mm
Vibration	3.7 m/s ² , K=1.5 m/s ²
Sound power level	L _{WA} : 94.5 dB(A)
Sound pressure level	L _{PA} : 79.9 dB(A) K _{PA} : 1.5 dB(A)
Weight(without cord)	3.1 kg

ACCESSORY PART NUMBERS

Genuine replacement spool and line is available from your Ryobi dealer.
The part number for replacement line and spool is: LTA062

DESCRIPTION

Figure 1

1. Trigger
2. Live tool indicator™
3. Cord retainer
4. Power cord
5. EasyEdge™ pedal
6. Edging wheel
7. Nylon cutting line
8. Safety guard
9. Spool cover
10. Cut-off blade
11. Plant protector



WARNING:

The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles, safety glasses with side shields, or a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with standards.

12. Lower shaft
13. Collar
14. Upper shaft
15. Handle adjusting knob
16. Auxiliary handle

Figure 3

8. Safety guard
10. Cut-off blade

Figure 5

15. Handle adjusting knob

Figure 6

3. Cord retainer
4. Power cord

Figure 7

5. EasyEdge™ pedal

Figure 11

5. EasyEdge™ pedal

Figure 13

7. Nylon cutting line
9. Spool cover
17. Line release button

Figure 14

18. Spool cover lock buttons
19. Spool
20. Eyelet

ASSEMBLY

UNPACKING

- Carefully remove the product and any accessories from the box.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call your Ryobi service centre for assistance.

The line trimmer is supplied with some components not assembled. To assemble these, proceed as follows:

SHAFT ASSEMBLY (Fig.2)

- Check the cable between the upper shaft and lower shaft is in good condition.



WARNING

If the cable is damaged, cut or scarred in any way, contact your local Ryobi service centre and do not use the product.

- Unlock and loosen the collar at the end of the upper half of the telescopic shaft by turning it clockwise.
- Slide the lower shaft through the collar into the upper shaft until you hear a click sound. The lower shaft has a groove along the lower side so that the alignment with the upper shaft is only possible in one direction.

NOTE: The shaft was designed to save packaging space and has a one-time assembly. You cannot disconnect the two shaft parts after it has been assembled.

- Tighten the collar and lock the line trimmer. Before using the line trimmer always make sure the shaft collar is tightened and locked in.

Safety Guard and Plant Protector Assembly (Fig. 3)

- Put the plant protector into place as shown in figure 3. The plant protector clicks in between the safety guard and the motor housing.
- Slide the safety guard over the spool onto the motor housing as shown in figure 3.
- Secure the safety guard with the 4 screws provided and tighten carefully.
- Peel off the protective tape over the cut-off blade on the guard. Be careful as the cut-off blade is sharp.

OPERATION

INTENDED USE

- This line trimmer is intended for cutting/trimming grass and edging in domestic use.

PREPARATIONS BEFORE EVERY USE

- Always ensure before use that the length of the shaft is adjusted to a comfortable length to operate the line trimmer. To change the length of the shaft, unlock the shaft collar (see figure 2), adjust the height and tighten/lock the shaft collar again.
- Ensure that the auxiliary front handle is in a comfortable position and angle before using your line trimmer. To adjust the front handle (see figure 5), untighten the handle adjusting knob, move the handle along the shaft and change its angle. Tighten the handle adjusting knob before operating the line trimmer.
- Secure your extension cord using the cord retainer (figure 6) by looping the extension cord through the hole in the rear handle and around the cord retainer.
- Before operating the unit, check that the nylon cutting lines (item 7) are long enough to touch and pass over the cut-off blade (item 10). If they are not long enough you should press the line release button (item 17) and pull the line until it is long enough. Every time you are starting the EasyEdge™ line trimmer, the automatic feed line spool also releases approximately one centimetre of line.

STARTING YOUR LINE TRIMMER

- Connect the EasyEdge™ line trimmer to the power supply. The LiveTool indicator™ (item 2) will glow blue once the line trimmer is connected to the electric power supply.
- Hold the EasyEdge™ line trimmer firmly with both hands so that the cutting head is slightly above the ground and squeeze the trigger (item 1) to start cutting. Make sure that the line trimmer is not touching grass or debris /stones when switching it on.

STOPPING YOUR LINE TRIMMER

- To stop the line trimmer, just release the trigger (item 1).



CAUTION

After switching your line trimmer off, the nylon line will continue to rotate for a few more seconds.

GRASS CUTTING TIPS

- Cut the grass by moving the line trimmer from right to left, left to right with the line parallel to the ground and proceeding forward slowly.
- High grass should be cut in layers, always begin from the top. The cuts should be short.
- Do not cut damp or wet grass. Dry grass will give excellent results.
- Always let the line rotate at top speed. Do not work in such a way as to overload the trimmer.
- Avoid wearing the line out quickly by knocking against hard objects (stones, walls, fences etc.).

- Never pass the line trimmer over the electric cable while the line trimmer is running; make sure the cable is always in safe position behind your back.

EasyEdge™ FUNCTION



WARNING:

- When changing between grass trimming and edging mode, always make sure that you stop the line trimmer first and that the cutting lines have stopped rotating.
- This line trimmer features the patented EasyEdge™ technology which enables you to change between edging and grass trimming without hassle.
 - To switch from grass trimming mode (motor housing is aligned for horizontal cutting) to edging, you need to hold out the line trimmer (lift it from the ground) and use your foot to tip the foot pedal (item 5) down (figure 7). The trimmer head will then turn approximately 45 degrees right (see figure 8). Now you only need to release the pedal (remove your foot from it) and tip the line trimmer head over (see figure 9) by pushing the line trimmer down and slightly left so that it locks into the 90 degree edging position (see figure 10).
 - To change from edging mode (motor housing aligned for vertical cutting) to grass trimming, you need to lift the trimmer slightly above the ground and tip the pedal (figure 11). The trimmer head will turn approximately 45 degrees left (see figure 8). To lock it into the grass trimming position, release the pedal and push the line trimmer down and slightly to the right until it locks in. When doing that ensure that you hold the line trimmer in an angle of approximately 45 degrees to the ground surface.

SAFETY GUARD LINE TRIMMING CUT-OFF BLADE

This trimmer is equipped with a line trimming cut-off blade on the safety guard. When the line is worn or broken, switch off the trimmer, after a few seconds switch it on, then the fresh lines will be released from the spool automatically. When the lines are long enough they will be trimmed to optimum length by the cut-off blade. Advance the line whenever you hear the engine running faster than normal and when it is apparent the line is worn or broken. This will maintain best cutting performance.

MAINTENANCE

REPLACING THE SPOOL (see figure 13 and 14)



WARNING

- Switch off and disconnect from the mains supply before replacing, adjusting or cleaning your trimmer.
- Press in both spool cover lock buttons (item 18), then remove the spool cover.
 - Replace the spool and feed the nylon lines through

the eyelets (item 20).

- Put the spool cover into position and push in until the spool cover lock buttons clicked into the designated cut outs and the spool is secured in place.

REPLACING THE CUTTING LINE

- Remove the empty spool from the cutting head
- The spool requires 2x4m lengths of 1.5mm twist cutting line.
- Feed the two new lengths of cutting line through the holes in the spool and then wind neatly in the direction of the arrows. (see figure 14a and figure 14b)
- Secure the lines to the holding slots on the top of the spool. (see attached figure 14c)
- Feed the lines through the eyelets of the cutting head whilst inserting the spool. (see figure 14)
- Pull on the lines to release them from the holding slots.
- Replace the spool cover (item 9).

CLEANING THE LINE TRIMMER

- Regular cleaning and maintenance of your grass trimmer will ensure efficiency and prolong the life of the unit.
- After each cutting operation, remove the grass and soil from the spool, the whole trimmer and the safety guard.
- During operation, keep the air slots clean and free of grass.

STORING THE LINE TRIMMER

- Carry out general cleaning of the entire grass trimmer and its parts to avoid the growing of mould.
- Store it out of the reach of children, in safe and in a dry place.

ENGLISH

TROUBLESHOOTING

Line will not advance when you restart the machine.	<ol style="list-style-type: none">1. Line is welded to itself.2. Not enough line on spool.3. Line is worn too short.4. Line is tangled on spool.	<ol style="list-style-type: none">1. Lubricate with a silicone spray.2. Install more line (Refer to “Replacing the Cutting Line” earlier in this manual).3. Pull lines while pressing release button (item 17).4. Remove line from spool and rewind (Refer to “Replacing the Cutting Line” earlier in this manual).
Cutting head is hard to turn.	Grass wrapped or built up around head.	Clean affected parts of the machine.
Grass wraps around the out put shaft and the trimmer head assembly.	Cutting tall grass at ground level.	Cut tall grass from the top down.
Line trimmer stops and will not start again	<ol style="list-style-type: none">1) Unit failed2) Plug is damaged.	<ol style="list-style-type: none">1) Contact dealer to check damage2) Check the plug

DISPOSAL



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED

GUARANTEE



Subject to the guarantee condition below, this Ryobi tool (hereinafter called "the product") is guaranteed by TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED (hereinafter called "the Company") to be free from defects in material or workmanship for a period of 24 months from the date of original purchase covering both parts and labour. Under the terms of this guarantee, the repair or replacement of any part shall be the opinion of the Company or its authorised service centre. Should service become necessary during the warranty period, the owner should contact the customer service HELPLINE 1300 361 505 or contact the retailer from whom the product was purchased.

In order to obtain guarantee service, the owner must present the sales docket and Guarantee Certificate to confirm date of purchase. This product is sold by the dealer or service centre as principal and the dealer has no authority from the Company's behalf except as herein contained or herein referred to.

Guarantee Conditions

This guarantee only applies provided that the product has been used in accordance with the manufacturer's recommendations under normal use and reasonable care (in the opinion of the Company) and such

guarantee does not cover damage, malfunction or failure resulting from misuse, neglect, abuse, or used for a purpose for which it was not designed or is not suited and no repairs, alterations or modifications have been attempted by other than an authorised service centre. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear. The Company accepts no additional liability pursuant to this guarantee for the costs of travelling or transportation of the product or parts to and from the service dealer or service centre - such costs are not included in this guarantee.

Certain legislation, including the Trade Practices Act, 1974 (as amended) and other state and territorial laws give rights to the buyer and impose liability on the seller in certain circumstances. Nothing herein shall have the effect of excluding, restricting or modifying any condition, guarantee, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.



TECHTRONIC INDUSTRIES (AUSTRALIA) PTY. LTD.

Level 1, 660 Doncaster Road,
Doncaster, Victoria 3108,
Australia

Tel: 1300 361 505 Fax: 1800 807 993

TECHTRONIC INDUSTRIES N.Z. LIMITED

Auckland: 27 Clemow Drive, Mt Wellington, N.Z.

Tel: (09) 573 0230 Free Call: 0800 279 624 Fax: (09) 573 0231

Contact during normal business hours.

This Guarantee Form Should Be Retained By The Customer At All Times

For your record and to assist in establishing date of purchase (necessary for in-guarantee service) please keep your purchase docket and this form completed with the following particulars.

Purchased From _____

Address Of Dealer _____

Date _____ Model No _____ Serial No _____

Present This Form With Your Purchase Docket When Guarantee Service Is Required.