



Instruction Manual

Cordless Grass Trimmer and Edger

GTLI-10



For correct usage, read these instructions carefully and keep in a safe place for future reference.

Driven By Solar Inc.,
Mississauga, ON, L5N 5Z2
www.RechargeTools.com



Introduction

This manual gives instructions on the correct assembly and safe use of your machine. It is important that you read these instructions carefully.

Intended Use

Intended Use is related to operation within 0°C and 40°C (32° F and 104° F) ambient temperature. This trimmer is ideal for trimming lawn edges and small lawn areas in private gardens. The trimmer should not be used in public gardens, parks, sports grounds, streets etc. and in farming and forestry.

• **Because of possible accidents, the trimmer must not be used for:**

- trimming of bushes and hedges
- cutting of flowers
- cutting garden by-products for composting

• **For safety reasons, the trimmer is not for use by persons below 16 years of age and persons who are not familiar with its handling.**

Safety Instructions

Warning! Always observe the safety instructions when operating the machine. For your own safety and the safety of others, please read these instructions before using the machine. Please keep the instructions in a safe place for future reference.



It is important that you read, fully understand and observe the following safety precautions and warnings. Careless or improper use of the machine may cause serious or fatal injury. The user is responsible for any accidents involving other people or other people's property.



For safety reasons, the trimmer is not for use by persons below 16 years of age and persons who are not familiar with its handling.

Explanation of symbols on the trimmer



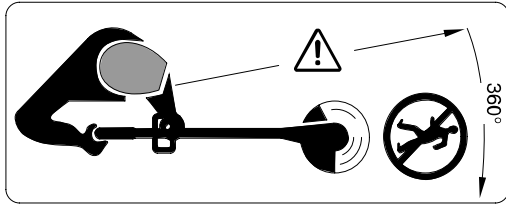
General hazard safety alert.



Read instruction manual.



Wear eye protection.



Beware of thrown or flying objects to bystanders. Keep bystanders a safe distance away from the machine.



Do not expose to moisture!



Remove battery before adjusting or cleaning, and before leaving the machine unattended for any period.



Do not work in the rain or leave the trimmer outdoors while it is raining.



Do not use the charger if the cord is damaged.

Never operate the trimmer with damaged guards or shields or without guards or shields in position.

Before using the machine and after impact, check for signs of wear or damage and repair if necessary.

Do not operate the trimmer when barefoot or wearing open sandals, always wear substantial footwear and long trousers.

Never allow children or people unfamiliar with these instructions to use the trimmer. Local regulations may restrict the age of the operator. When not in use, store the trimmer out of reach of children.

Never work with this trimmer while people, especially children or pets are nearby. The operator or user is responsible for accidents or hazards occurring to other people or their property.

Wait until the blade has completely stopped before touching it. The blade continues to rotate after

the trimmer is switched off; a rotating blade can cause injury.

Work only in daylight or in good artificial light.

Avoid operating the trimmer in wet grass, where feasible.

Switch off when transporting the trimmer to and from the area to be worked on.

Switch on the trimmer with hands and feet well away from the rotating blade.

Do not put hands or feet near the rotating blade.

Never fit metal cutting elements to this trimmer.

Inspect and maintain the trimmer regularly.

Have the trimmer repaired only by an authorized customer service agent.

Always ensure that the ventilation slots are kept clear of debris.

Switch off and remove battery from the trimmer:

- whenever you leave the machine unattended for any period**
- before replacing the blade**
- before cleaning or working on the trimmer.**

Store the machine in a secure dry place out of reach of children. Do not place other objects on top of the machine.

Replace worn or damaged parts for safety.

Ensure replacement parts fitted are Recharge Tools® approved.

Ensure the switch is in the off position before inserting battery pack. Inserting the battery pack into machines that have the switch on invites accidents.

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.

Use machines only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

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.

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.

This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capacities, or lack of experience and knowledge.

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

Safety Instruction for Charger

- The charger must only be used in dry rooms.
- Unplug cable connections only by pulling on the plug. Pulling on the cable could damage the cable as well as the plug and electrical safety could not be guaranteed.
- Never use the charger if cable, plug, or the device itself have been damaged through external influence. Bring the charger to the nearest repair shop.
- Under no circumstances should you open the charger. In case of a malfunction take the device to a repair shop.
- Charge the battery only with a suitable charger. The use of other chargers might cause a fire or damage to the battery.

Safety Instruction for Battery

- As a result of incorrect use, fluid can leak from the rechargeable battery. Avoid contact with the fluid. In case of accidental contact, rinse with water. In case of fluid contact with the eyes, seek medical aid. Leaking battery fluid can cause irritation of the skin or burns.
- In the event of improper use of the battery pack, there is a risk of escaping hazardous vapors. Always ensure proper ventilation and immediately consult a doctor, if you feel unwell. The vapors might irritate the respiratory track.
- **Danger of fire!**
 - Never charge batteries in the vicinity of acids or easily flammable materials.
 - Charge battery only at a temperature between 10°C - 45 °C. (50 - 113°F) After a heavy load, first allow the battery to cool.
- **Danger of explosion!** Protect the device from direct exposure to heat and fire.
 - Do not place on heating units or expose to strong sunlight for an extended period.
 - Operate the device only at temperatures between 10 °C to + 45 °C (50 - 113°F)
- **Risk of short circuit!**
 - For disposal, transport or storage, pack the battery in a plastic bag or a cardboard box, or isolate the contacts with adhesive tape.
 - Do not open the battery pack.

Technical Data

Type	GTLI-10
Battery:	DC 18V/1350mAH
Battery type:	Lithium-ion
No load speed:	8000rpm
Cutting circle:	26 cm/10.25 inches
Weight:	2.6 kg/5.825 lbs
Vibration:	5,769 m/s ² (Main handle),1.802 m/s ² (Adjustable handle)
Vibration:	19,000 ft/ s ² (Main handle),5.9 ft/ s ² (Adjustable handle)
Sound power level:	88.4dB (A)
Guaranteed sound power level:	94 dB (A)
Charger	
Input	AC110V, 60Hz
Charging time	1 Hour

Description Of Parts

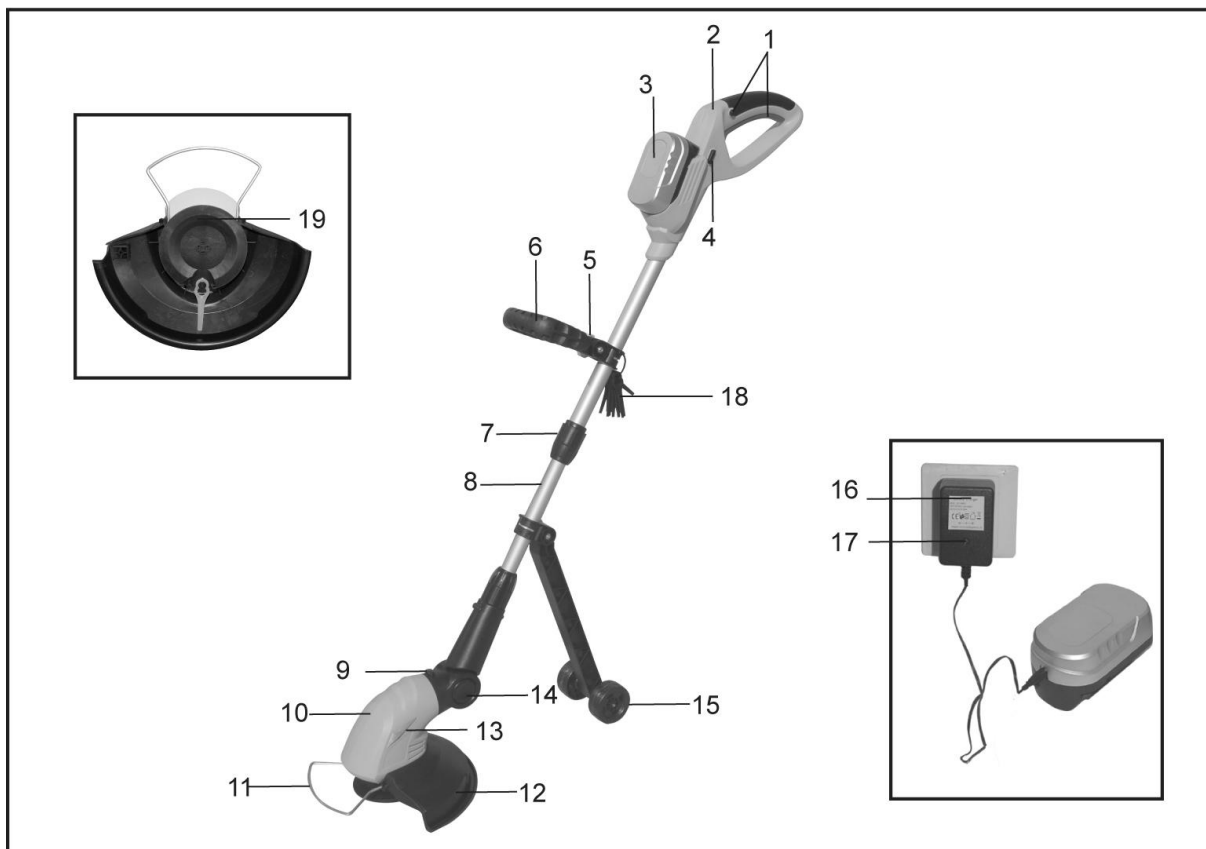


Fig.1

Description of parts (Fig. 1)

1 On/Off switch

- 2 Handle
- 3 Battery
- 4 Battery lock/release button
- 5 Handle wing nut
- 6 Adjustable handle
- 7 Adjusting collar
- 8 Shaft
- 9 Button for head rotation
- 10 Trimmer head
- 11 Plant protector
- 12 Cutting guard
- 13 Ventilation slots
- 14 Button for head angle adjustment
- 15 Wheels
- 16 Battery charger
- 17.LED indicator
- 18.Blade
- 19.Blade disc

Charging Procedure

For Your Safety



Warning! Switch off, remove battery from machine before adjusting or cleaning.

The blade continues to rotate for a few seconds after the trimmer is switched off.

Caution – do not touch rotating blade.



The battery must be charged for approximately 1-1.5 hours before using it for the first time.

Use only the original charger

Use charging unit only in dry rooms!

1. Remove the battery from the grass trimmer
2. Connect the charger to the power mains

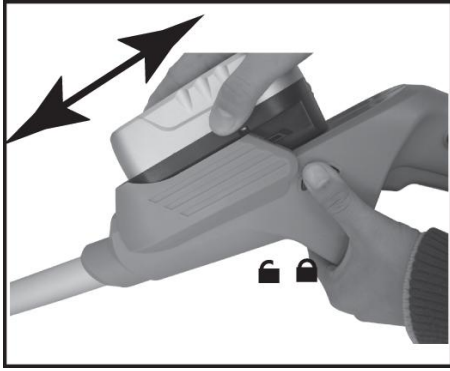


Fig.2

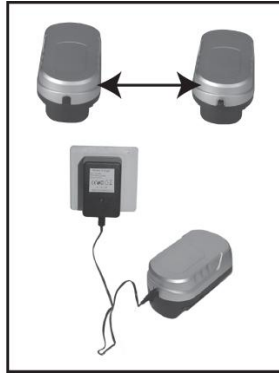


Fig.3



Instructions for the handling of the charger:

- Red LED is on: Battery is being charged.
- Green LED is on: Charge process completed.

Charging Advice

With continuous or several repetitive charging cycles without interruption, the charger can warm up. This is not harmful and does not indicate a technical defect of the unit.

A battery that is new or has not been used for a longer period does not develop its full capacity until after approximately 5 charging/discharging cycles. A significantly reduced working period after charging indicates that the battery is worn out and must be replaced.



General instructions regarding the battery

In order to maintain the long service life of the battery, always follow the instructions below:

- The lawn trimmer will be automatically switched off when the battery voltage is low. The battery must then be recharged before the trimmer can be used again.
- Always recharge the lithium-ion battery prior to any prolonged period of nonuse, i.e. before storing the trimmer away in autumn.
- The charging time is 1-1.5 hours for a battery that is completely empty.

Assembly



Do not insert the battery before product is completely assembled.

Ensure product is assembled in the following order:

Fitting the trimmer head with telescopic tube assembly (Fig.4-5)

Insert the telescopic tube assembly into the trimmer head illustrated in Fig.4, making sure the **arrow on the trimmer head matches with the arrow on the telescopic tube assembly**. Then

tighten the adjusting collar to fix the trimmer head with telescopic tube assembly (Fig.5)

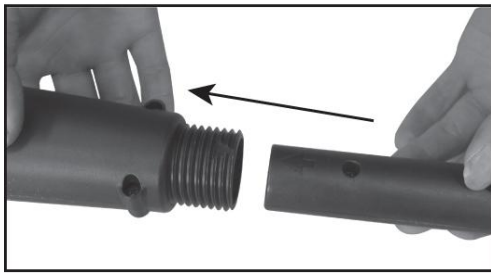


Fig.4



Fig.5

Mounting the Cutting Guard (Fig.6 -7)

Place the cutting guard on the trimmer head.

1. Fit the guard onto trimmer head and push until secure fitting.
2. Use a screwdriver to fix the guard with the screw.

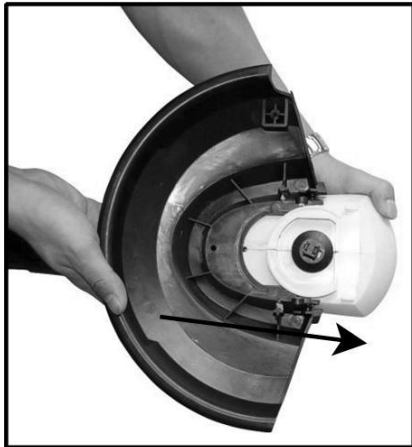


Fig.6



Fig.7

Mounting Plant hoop guard (Fig.8)

Fit the plant hoop guard as Fig.8



Fig.8

Fitting Cutting Disc/Fitting Blade(Fig.9-10)

Press cutting disc onto drive adaptor as shown (Fig.9)

To fit the blade, place it over the pivot and pull outwards until it snaps into place.
(Fig.10)

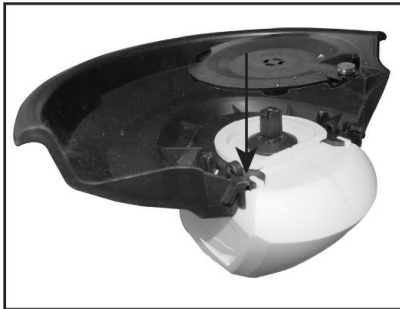


Fig.9

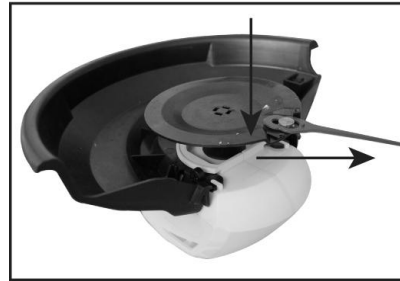


Fig. 10

Mounting the Wheels (Fig.11)

Fit the wheels onto the shaft.

Fit the bolt and the wing nut.

Note:

The position of the wheels can be adjusted by loosening the wing nut and moving to the desired position.

The wheels can be moved up and down the shaft depending on the height of cut required.

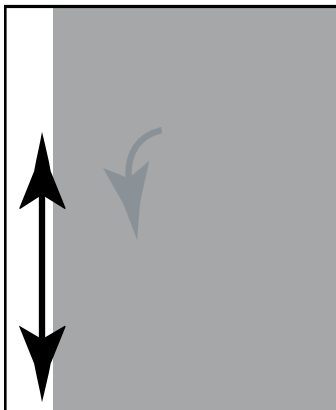


Fig.11

Adjustment

Using Adjustable Handle (Fig.12)

The adjustable handle can be set in various positions:

1. To change the position undo the handle wing nut and move the adjustable handle.
2. Tighten the handle wing nut securely to fix the adjustable handle in the adjusted position.

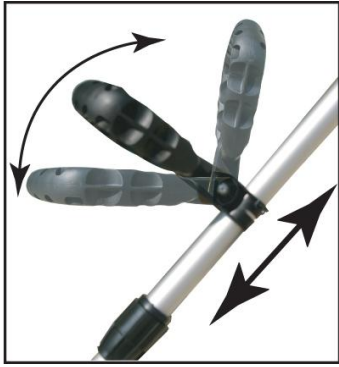


Fig.12

Adjusting Product Length (Fig.13-14)

Loosen the adjustment collar.

Pull the shaft out to increase the height, or push the shaft in to decrease the height. Re-tighten adjustment collar.

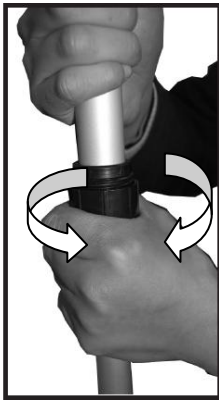


Fig.13



Fig.14

Adjusting cutting head angle:

The lawn trimmer is equipped with a four position, adjustable working angle. This enables you to easily trim hard-to-reach areas in your garden.

To set the ideal working position, please follow the instructions below.



The cutting head should be inclined slightly forward while trimming.

Working angle (Fig.15)

- Free trimming

Working angle 1 + 2

During free trimming, you should swing the trimmer in a semi-circular motion in front of your body.

- Set working angle

- Trimming under bushes / on slopes

Working angle 3 + 4

- Set working angle

- Edge function (horizontal cut) (Fig.16)

Working angle 4

The edge function enables precise and convenient trimming along the edge of the lawn.

1. Turn cutting head 90°
2. Set handle angle

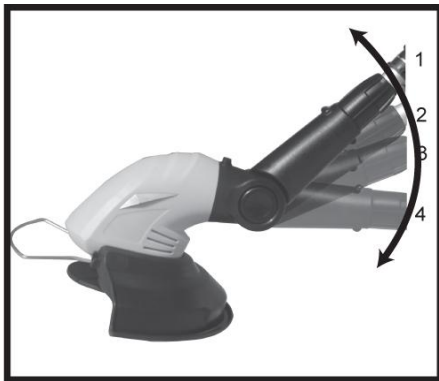


Fig.15

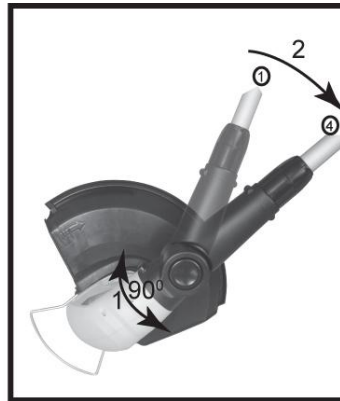


Fig.16

Plant hoop guard

The plant hoop guard protects bushes, trees and plants.

Cutting and Edging



Remove stones, loose pieces of wood and other objects from the cutting area.



The blade continues to rotate for a few seconds after the trimmer is switched off.

Allow the motor / blade to stop rotating before switching “on” again.

In order to take full advantage of the battery capacity, you should not switch the trimmer on and off unnecessarily.

Switching On and Off (Fig.17)

Press side switch and then depress and hold handle switch. Release handle switch to turn off.

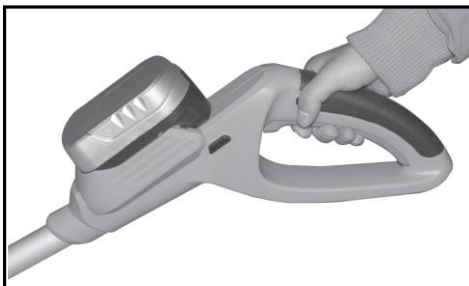


Fig.17

Cutting Grass

Move the trimmer left and right, keeping it well away from the body.

Cut taller grass in stages.

Remove the wheels when cutting long grass

Trimming Edges

Guide the trimmer along the edge of the lawn. Do not allow the cutting blade to contact paved surfaces, stones or garden walls, since this will wear the blade rapidly.

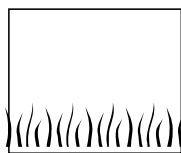
For better control, use the plant protector.

Cutting Around Trees and Bushes

Carefully cut around trees and bushes so that they do not come into contact with the cutting blade.

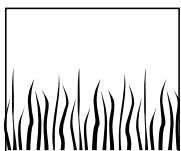
Battery duration

Battery duration is dependent on the working conditions:



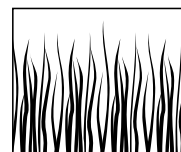
light conditions:

up to 800 meters/2640 feet



medium conditions:

up to 350 meters/1155 feet



tough conditions:

up to 60 meters/198 feet

Maintenance



Before any work on the machine itself, remove battery from machine.

Note: To ensure long and reliable service, carry out the following maintenance regularly.

Regularly check for obvious defects such as loose fittings and worn or damaged components.

Check that covers and guards are undamaged and correctly fitted. Carry out necessary maintenance or repairs before using.

If the trimmer should happen to fail despite the care taken in manufacture and testing, repair should be carried out by an authorized customer service agent.

Blade Maintenance



Before any work on the machine itself, remove battery from machine.

To remove the worn blade, push in direction of the arrow until it snaps off the pivot. (Fig.18)

Clean the pivot of any residual plastic / debris with a sharp knife.

To refit the new blade, place the eyelet over the pivot and pull outwards until it snaps into place.

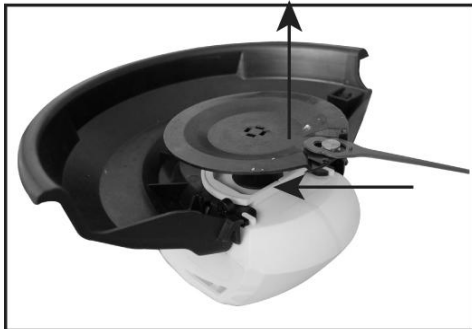


Fig.18

Note: Only use manufacturer's replacement blades. They have been developed specially for improved cutting performance. The use of other cutter blades will lead to deterioration in performance and possible damage to the product.

After Trimming / Storage

After Trimming/Storage



Stop and remove battery from product. Ensure battery is removed before storage.

Clean the exterior of the machine thoroughly using a soft brush and cloth. Do not use water, solvents or polishes. Remove all grass and debris, especially from the ventilation slots.

Turn the machine on its side and clean the cutting guard inside. If grass cuttings are compacted, remove with a wooden or plastic implement.

Battery should be stored between 10–45°C (50-113°F). Incorrect storage could result in the battery being damaged. **Store batteries indoors at room temperature during extreme cold conditions.**

Fault Finding

The following table gives checks and actions that you can perform if your machine does not operate correctly.

If these do not identify / remedy the problem, contact your service agent.



Warning: Switch off and remove battery before investigating fault.

Symptom	Possible Cause	Remedy
Can not fit Guard over cutting disc	Incorrect assembly	Remove cutting disc and fit guard; also see Product assembly
Machine fails to operate	Battery discharged	Recharge battery, also see Charging advice
Machine functions intermittently	Machines internal wiring damaged	Contact Service Agent
	On/Off switch defective	Contact Service Agent
Excessive vibration / noise	Machine fault	Contact Service Agent
	Blade broken	Replace blade
Cutting time low on one battery charge	Battery not used for long period or initial usage	Fully charge battery, also see charging advice
	Grass too high	Cut in stages
	Battery worn out	Replace the battery
Blade will not move	Battery discharged	Recharge battery, also see Charging advice
	Machine fault	Contact Service Agent
Machine is not cutting	Blade broken	Replace blade
	Battery not fully charged	Recharge battery, also see Charging advice
	Grass entangled around cutting disc	Remove grass
No charging procedure possible due to defective battery	The battery temperature is not within the allowable temperature range	Get the battery temperature within the allowable temperature range (0 °C to 45 °C) either by cooling down or warming up. As soon as the battery temperature is within the allowable temperature range again, the battery charger automatically switches to rapid charging.
	The contacts of the battery are contaminated. The battery is defective, due to a disconnection in the battery (individual cells).	Corrective measure: Clean the contacts (e. g. by inserting and removing the battery several times) or replace the battery.
The LED indicator does not light up after plugging the mains plug into the socket.	The charger plug is not inserted (properly) Socket, cable or charger are defective.	Insert the plug (fully) into the socket. Check the main voltage and if necessary, have the battery charger checked by service agent.

Disposal

Power tools, accessories and packaging should be sorted for environmental-friendly recycling.



Do not dispose of electrical equipment in domestic waste. Recycle equipment, accessories and packaging in an environment-friendly manner. Dispose of batteries in an environmentally responsible manner.



Li-ion

Batteries are Li-ION rechargeable batteries and therefore must be disposed of in accordance with waste disposal regulations. Return defective batteries to your dealer for disposal. Batteries must be removed from the appliance before it is scrapped.

- Batteries are best suited for battery-powered electric appliances, according to the state of the art. Li-ION batteries are harmful to the environment if disposed of with other household waste.

Guarantee terms

Please carefully retain the proof of purchase.

The company provides a guarantee for 12 months from the date of purchase. This guarantee is in accordance with the relevant state of technology and the utilization purpose / area of application. The consumer's statutory rights are not affected by the following guarantee guidelines.

Pre-conditions for the 12-month guarantee entitlement:

- Deployment of the device solely for private use.
- Proper handling and observance of all information given in the operating manual, which forms part of our guarantee terms.
- Observance of the prescribed maintenance intervals.
- No unauthorized alteration of the design.
- Installation of original replacement parts / accessories.
- Presentation of proof of purchase.

This guarantee does not extend to normal wear and- tear on blades, blade mounting components or friction disks or running wheels. Any guarantee claim shall be immediately void in the event of unauthorized repairs. Faults and defects which can be traced to material or manufacturing faults will be rectified exclusively by our contracted service agents (the seller has the right to remedy a defect) in your vicinity or by the manufacturer if the latter is closer. Any claims going beyond the provision of a guarantee are ruled out. There is no entitlement to a replacement. Any transport damage should be reported to the shipper.

FOR PRODUCT SERVICE UNDER WARRANTY CONTACT:

AMERICAN WARRANTY SERVICES AT

1-866-393-3968