

EXCEL

18V Cordless hedge trimmer

11781



INSTRUCTION MANUAL

DESCRIPTION OF THE SYMBOLS



Symbols are used in this manual to attract your attention to possible risks. The safety symbols and the explications which accompany them must be perfectly understood. The warning themselves do not prevent the risks and cannot be a substitute for proper methods of avoiding accidents.

Read instruction manual and safety instructions before starting up and pay

attention!



Wear ear-muffs, safety goggles and protective gloves!



Wear robust, non-slip footwear.



Take the replaceable battery from the appliance before any extension, cleaning and servicing works.



Danger – rotating blade. Keep hands and feet out of openings while the machine is running.



Don't use your device in moisty weather.



Complies with relevant EU regulations.

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Sound power level



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

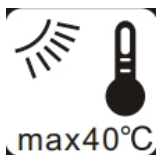
On battery



Do not expose the battery to water



Do not expose the battery to fire or incinerate



max40°C Do not expose the battery to high temperatures (above 40°C)

On charger



Class II machine – Double insulation – You don't need any earthed plug.



Use this device indoors only.

GENERAL SAFETY WARNINGS



WARNING. Read all safety warnings and all 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.

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) **The electric tool plugs must match the outlet. Never modify the plug in any way. Do not use adapters with earthed (grounded) tools.** Unmodified plugs and matching outlets will reduce the risk of electric shock.
- b) **Avoid any 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 tools to rain or wet conditions.** Water entering a tool will increase the risk of electrical 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**

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medication. A moment of 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 switch is in the off-position before connecting to power source and/or battery pack, 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, jewellery 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.

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 the switch does not turn it on and off.** 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 the battery pack 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. 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**

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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.

g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

5 - 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) If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

SPECIFIC TOOL SAFETY WARNINGS

Caution! Before carrying out any maintenance or cleaning activity, stop the hedge trimmer and disconnect the battery.

Once the battery has been removed, the blades continue to move for a few seconds. Caution! Do not touch the moving blades.

- Always check the hedge for foreign objects, e.g. wire fences before cutting with the hedge trimmer
- Never use the hedge trimmer when it is raining. Never allow the hedge trimmer to be exposed to moisture. Do not leave the hedge trimmer outside overnight. Do not cut hedges when they are wet.



Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material. A moment of inattention while operating the hedge trimmer may result in serious personal injury.

Carry the hedge trimmer by the handle with the cutter blade stopped. When transporting or storing the hedge trimmer always fit the cutting device cover. Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.

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Hold the hedge trimmer properly, e.g. with both hands, one hand on each handle.

SAFETY INSTRUCTION FOR BATTERY CHARGER

⚠ WARNING! Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injuries. Save all warnings and instructions for future reference.

Before using the battery charger, read and follow:

- these operating instructions,
- the currently valid site rules and the regulations for the prevention of accidents. This charger is not intended for use by children and persons with physical, sensory or mental limitations or a lack of experience or knowledge. This charger can be used by children aged 8 or older and by persons who have physical, sensory or mental limitations or a lack of experience or knowledge if they have been supervised or instructed in the safe operation of the charger and understand the associated dangers. Otherwise, there is a danger of operating errors and injuries. Supervise children. This will ensure that children do not play with the charger.
- Cleaning and user maintenance of the battery charger shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- **Keep the battery charger away from rain or moisture.**

Penetration of water in the battery charger increases the risk of an electric shock.

- **Keep the battery charger clean.** Contamination can lead to danger of an electric shock.

- **Before each use, check the battery charger, cable and plug. If damage is detected, do not use the battery charger. Never open the battery charger yourself. Have repairs performed only by a qualified technician and only using original spare parts.** Damaged battery chargers, cables and plugs increase the risk of an electric shock.

- **Do not place any objects on the battery charger and do not place the battery charger on soft surfaces. This is a risk of fire.**

- **Always check that the mains voltage matches the voltage indicated on the rating plate of the battery charger.**

- **Never use the charger if cable, plug or the unit itself has been damaged by external influences.** Take the charger to the nearest service centre.

- **Never open the battery charger.**

SAFETY INSTRUCTION FOR BATTERY

- 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) 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.

WARNING! During the use of tools supplied with batteries, the basic safety measures must be followed in order to reduce fire hazards, electrolyte leakage and personal injury, including the following precautions:

- Ensure that the battery block is suitable for the tool.
- Ensure that outside surface of the battery block is clean and dry before connecting it to the charger.
- Ensure that the batteries are charged using the correct charger recommended by the manufacturer. Incorrect use can create a risk of electric shock, overheating or the leaking of corrosive liquid from the battery.
- If there is an electrolyte leak, avoid any contact with the skin. In the event of a leak, wipe with a rag. If the liquid comes into contact with the skin, rinse abundantly with water. In the event of a reaction or contact with the eyes or mucous membranes, consult a doctor.
- Ensure that the appliance is properly switched off before inserting the battery into the appliance. Inserting a battery into an appliance while it is switched on can cause accidents.
- Use the appliance only with the type of battery indicated in the instructions. Using another type of battery can create a serious risk of injury and cause a fire.
- When the battery is not in use, keep it away from metal objects such as trombones, coins, keys or other small metal objects that can create a connection between one terminal and the other. Short-circuiting the terminals of batteries can cause burns to the user and cause a fire.
- Dispose of batteries. Ensure that the battery is properly disposed of:
 - 1- Do not throw it away

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- 2- Do not to burn it
- 3- Do not throw it in a river
- 4- Dispose of it in the designated collection containers (ask your retailer)

INTENDED USE

The hedge trimmer has been designed to cut hedges and brushes in private house gardens or hobby gardens.

Do not use this product in any other way as stated for normal use. Not observing general regulations in force and instructions from this manual does not make the manufacturer liable for damages.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the equipment is used in commercial, trade or industrial businesses or for equivalent purposes.

Risk of injury

The hedge trimmer may not be used to cut grass, hard brushes and wood or to crush material for composting purposes.

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

TECHNICAL SPECIFICATION

Product name	18V Cordless hedge trimmer
Model	11781
Rated voltage	18V
Blade working speed	1300min ⁻¹
Cutting length	410mm
Distance of teeth	18mm
Noise	93 dB
Sound pressure LpA	84.4 dB(A)
Sound power LwA	92.5 dB(A)
Uncertainty KwA	3 dB(A)
Vibration ah	Front handle:1.27 m/s ² Rear handle:1.01 m/s ²
K uncertainty	1.5 m/s ²

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Battery and Charger	
Recommended battery	a)11759, Li-ion 18V d.c. 2.0Ah
	b)11760, Li-ion 18V d.c. 5.0Ah
Recommended charger	1. Model : 11761 Input : 100-240V~ 50Hz 60W Output : 20V DC 2.3A Charging time : a)60MIN b)140MIN
	2. Model :11763 Input : 100-240V~ 50Hz 125W Output : 20VDC, 5A Charging time : a)30MIN b)70MIN
	3. Model :11762 Input : 100-240V~ 50Hz 130W Output : 20VDC, 2.3AX2, USBx2, 5VDC MAX 2A Charging time : a)60MIN b)140MIN

NOISE/VIBRATION INFORMATION

Measured sound values determined according to EN 60745-2-15:2009+A1:2010.

The noise figures quoted are emission levels and are not necessarily safe working levels. Whilst there is a correlation between the emission and exposure levels, this cannot be used reliably to determine whether or not further precautions are required. Factors that influence the actual level of exposure of work-force include the characteristics of the work room, the other sources of noise, etc. i.e. the number of machines and other adjacent processes, and the length of time for which an operator is exposed to the noise. Also the permissible exposure level can vary from country. This information, however, will enable the user of the machine to make a better evaluation of the hazard and risk.

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Wear high-quality safety gloves

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Reduce noise generation and vibration to a minimum!

-Use only equipment that is in perfect condition.

-Maintain and clean the equipment regularly.

-Adopt your way of working to the equipment.

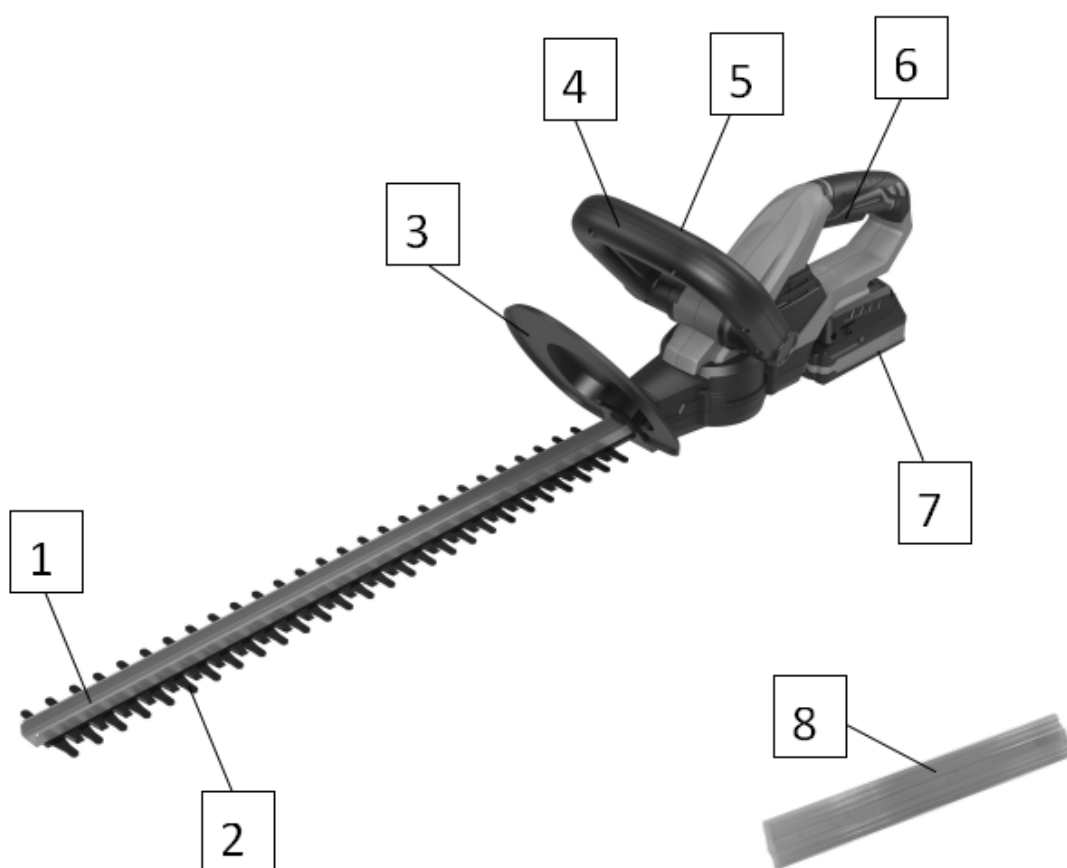
-Do not overload the equipment.

-Have the equipment checked if necessary.

-Switch off the equipment when not in use.

-Wear gloves

List of main parts



1.Cutter bar cover	2.Cutter bar
3.Hand protection	4.Front handle
5.Safety switch	6.On/off switch
7.Battery(not included)	8.Blade guard

Before using the equipment

Battery charger (Fig.1)

The lithium-ion battery can be charged at any time and will not develop a “memory” when charged after only a partial discharge. It is not necessary to run down the battery pack charge before recharging. Remove the battery pack from the tool when convenient for you and your job. You can “top-off” your battery pack’s charge before starting a big job or long period of use.

Due to lithium-ion’s fade-free properties, the only time it is necessary to charge the lithium-ion battery pack is when the pack has reached the end of its charge. To signal the end of charge, power to the tool will drop quickly. Charge the battery pack as needed.

Fig.1



11761

11763

11762

a. Charging the battery

This lithium-ion battery pack is shipped partially charged. Before using it the first time, fully charge the battery pack. A fully discharged battery pack with a temperature between 5°C and 35°C will charge in about 30-140MIN(See section”Specifications”).

11761:

- Plug the charger adapter into power source. The green light on the charger stand will illuminate, indicating the charger is powered.
- Slide the battery all the way into the charger stand until it locks in place with a click. The red light on the charger stand will illuminate, indicating that the battery is charging.
- The red light will go off after charging is complete and a green light will appear.

11763/11762:

See the manual of 11763/11762

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NOTE: Batteries may become warm while charging. This is normal. If the battery is hot after continuous use in the tool, allow it to cool down to room temperature before charging. This will extend the life of your batteries.

WARNING: Always disconnect the battery pack from the tool before any assembly, adjustments or changing accessories.

a. Insertion and removal of rechargeable battery (Fig. 2)

Depress the battery-release button located on the front of the battery pack to release battery pack.

Pull the battery pack out and remove it from the tool.



Fig.2

Warning!

Always remove the battery pack before making adjustments to the equipment.

Be sure to read the following information before you put the cordless equipment into operation: Charge the battery pack with the charger.

OPERATION

⚠ ATTENTION

The device and packaging materials are not toys! Children must not be allowed to play with plastic bags, film and small parts

Wear appropriate clothing and safety gloves when working with this tool. Wear eye and hearing protection. Before each use, ensure that the unit is working

Original Instructions

properly.

The on/off switch and the safety switch must not be locked. When the switch is released, the motor must turn off. If a switch is damaged, the tool must not be used. Personal Protective Equipment and a properly functioning device will lower the risk of injuries and accidents.

Comply with noise protection and local stipulations.

⚠ ATTENTION! Do not use the hedge trimmer with a faulty or heavily worn cutting unit.

Removing the blade guard

1. Before turning on the device, remove the blade guard (9) from the cutter bar (2).

Turning the device on and off

Find safe footing and hold the tool securely with both hands and at a distance from your body. Before turning on the unit, make sure that the blades are not touching anything. Ensure that the hedge trimmer is properly in the prescribed working position before starting the motor.

Power on:

1. Ensure that the battery (7) has been inserted.
2. Press the safety switch (5) on the front handle (4).
3. Press the on/off switch (6).

Working with the tool

During the cutting process, be careful not to touch any objects such as wire fences or plant supports. This can cause damage to the safety cutter bar.

-If the blade is jammed by a fixed object, immediately turn off the tool and remove the battery. Then remove the object.

-Avoid over-stressing the device whilst working.

⚠ ATTENTION!

If the cutting unit touches a foreign object, the operating noises get louder or the hedge trimmer vibrates unusually excessively, stop the motor and allow the hedge trimmer to come to a standstill. Remove the re-chargeable battery and take the following measures:

-Check for damage

-Check for loose parts and secure all loose parts

-Replace damaged parts with similar parts or have them repaired.

Cutting techniques

-Cut out thick branches with loppers before using the hedge trimmer.

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- The double-sided safety cutter bar enables cutting in both directions or from one side to the other using a pendulum movement.
- When cutting vertically, evenly move the hedge trimmer forwards or up and down in an arching movement.
- When cutting horizontally, move the battery-powered hedge trimmer in a sickle shape from the edge of the hedge so that cut off branches can fall to the ground.
- In order to cut long straight lines, we recommend setting up a string line.

Cutting established hedges

In order to prevent lower branches from losing their foliage, we recommend cutting hedges in a trapezium shape. This corresponds with the natural plant growth and lets hedges prosper ideally.

When cutting, only the new shoots are reduced. This means the branches grow thickly and form visual protection.

- Cut the sides of a hedge first. For this, move the battery-powered hedge trimmer from the bottom to the top in the direction of the growth. If you cut from the top down, thinner branches will move out-wards, which may cause thinner areas or gaps.
- Then cut the top edge according to your requirements, straight, round or in the shape of a roof.
- Start trimming young plants according to your wishes. The main shoot should remain undamaged until the hedge has reached the planned height. All other shoots will be trimmed to half their height.

CLEANING/MAINTENANCE

Have repair and maintenance work, which is not described in this operating manual, carried out by our service centre. Only ever use original parts.



Turn the tool off and remove the battery before any work.

Always wear gloves when handling the safety cutter bar. This will prevent you from getting cut.

Regularly carry out the following cleaning and maintenance work. This will guarantee long and reliable use.



Stop and remove battery from product after use. 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 branches and debris, especially from the ventilation slots.

Turn the machine on its side and clean the cutting guard inside.

Battery should be stored between 5 – 40°C; incorrect storage could result in the battery being damaged.

Store it out of reach of children.

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Cleaning

Do not spray the tool with water and do not put it into water.

-Keep ventilation slits and the motor casing clean. Use a damp cloth or a brush for this. Do not use detergents or solvents. You may irreparably damage the device.

-Always keep the blade clean. Do the following after each use: clean the blade (with an oily cloth); oil the safety cutter bar using an oil can or spray.

Maintenance

-Before every use, check the device for obvious damage such as loose, worn or damaged parts. Check that the bolts in the safety cutter bar (2) are tight.

-Check covers and safety devices for damage and correct positioning. Replace if required.

-You can smooth slight notches on the cutting teeth yourself. For that, sharpen the blades with an oil stone. Only sharp cutting teeth provide good cutting performance.

-Blunt, bent or damaged safety cutter bars must be replaced.

Service information

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Wear parts: cutting blade

* Not necessarily included in the scope of delivery!

STORAGE

Note

-Store the device in a dry and frost-free (5-40°C) place.

-Store the battery and the device separately from each other.

-Charge the battery before storing it for the winter.

-Keep the device, and its plastic components in particular, away from brake fluid, petrol, products containing oil, penetrating oil etc. They contain chemical substances that may damage or destroy the plastic parts of the device.

-Fertilisers and other garden chemicals contain substances which can have a heavily corrosive effect on metal parts. Do not store the device close to these substances.

-When transporting or storing the device, always cover the cutting unit with the cutting unit protector.

DISPOSAL AND RECYCLING

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as

Original Instructions

metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.

Old devices must not be disposed of with house-hold waste!



This symbol indicates that this product must not be disposed of together with domestic waste in compliance with the Directive (2012/19/EU) pertaining to waste electrical and electronic equipment (WEEE). This product must be disposed of at a designated collection point. This can occur, for example, by handing it in at an authorized collecting point for the recycling of waste electrical and electronic equipment. Improper handling of waste equipment may have negative consequences for the environment and human health due to potentially hazardous substances that are often contained in electrical and electronic equipment. By properly disposing of this product, you are also contributing to the effective use of natural resources. You can obtain information on collection points for waste equipment from your municipal administration, public waste disposal authority, an authorized body for the disposal of waste electrical and electronic equipment or your waste disposal company.

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