

# casals



## 250W Grass Trimmer



COMPLIES WITH  
INTERNATIONAL  
IEC60335  
SAFETY SPECIFICATIONS



250W

2 YEAR  
WARRANTY

Model:  
T250EA

PLEASE READ ALL INSTRUCTIONS BEFORE USE

## EXPLANATION FOR SYMBOLS



A Class II or double insulated electrical appliance is one which has been designed in such a way that it does not require a safety connection to electrical earth. The basic requirement is that no single failure can result in dangerous voltage becoming exposed so that it might cause an electric shock and that this is achieved without relying on an earthed metal casing. This is usually achieved at least in part by having two layers of insulating material surrounding live parts or by using reinforced insulation



Read instruction manual before operating or attempting any maintenance work.



Switch off and remove the plug from the mains before cleaning or maintenance.



DO NOT leave or use this appliance in the rain.



Wear hearing protection



Wear eye protection



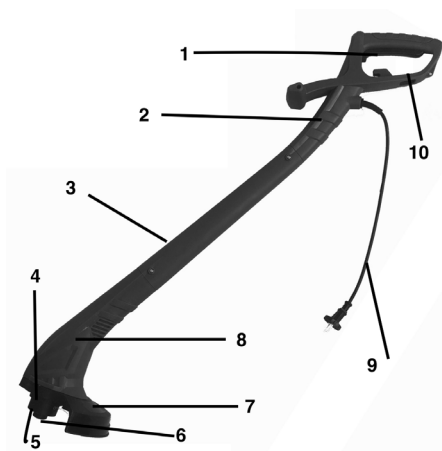
Keep Bystanders away

### IMPORTANT:

Thank you for purchasing a Casals Electric Grass Trimmer (hereinafter referred to as the "Power tool"). This manual will assist you in operating and maintaining your power tool. This manual is the latest version. With the continuous improvement and upgrading of this product, the manufacturer reserves the right to modify this manual without notice. The manufacturer shall assume no liability for incorrect information contained in this manual. This manual is an integral part of the power tool. When the power tool is transferred to others, this manual should be handed over to the new owner. The users should pay special attention to these instructions.

## I – Description

1. Switch Trigger
2. Main Handle
3. Middle Tube
4. Bracket
5. Spool Cover
6. Spool
7. Safety Gaurd
8. Motor Housing
9. Power Cord
10. Cord Hole for Hook



### IMPORTANT:

The range of CASALS Outdoor Power tools is safe and reliable, but incorrect use of these products may cause personal injury and or damage to your machine. Please read this manual thoroughly before attempting to operate or assemble as this product is required to operate strictly in accordance with this manual.

## II – Technical specification

Voltage.....230V~ 50Hz  
Power input.....250W  
No load speed.....12,000min-1  
Line diameter.....1.2mm  
Cutting width... ..22cm

Net Weigt.....1.4kg  
Cable length.....35cm  
Weighted sound pressure leve ....80.6dB(A)  
Weighted sound power level.....93,8dB(A)  
Guaranteed weight sound power level..96dB(A)  
Vibration .....4.43m/s<sup>2</sup>

## III-Safety instruction

**WARNING!** Read all instructions failure to follow all instructions listed below may result in electric shock, fire and /or serious injury. The term “power tool” in all of the warnings listed below refers to your mains operated (corded) power tools or battery operated (cordless) power tool.

### SAVE THESE INSTRUCTIONS

#### 1) WORK AREA

- a) Keep the work area clean and well lit. Cluttered and 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 line. Never use the line for carrying, pulling or unplugging the power tool. Keep the line away from heat, oil and 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 line suitable for outdoor use. Use of a line suitable for outdoor use 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 operate tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in 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 jewelry; 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 these devices can reduce dust related hazards.

### **4) POWER TOOL USE AND CARE**

a) Do not force the tool. Use the correct power tool for your application, The correct power tools 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 can not be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source 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 tools 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

g) Use the power tool, accessories and tool bits etc. ,in accordance with these instructions and in the manner intended for particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from 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

### ADDITIONAL SAFETY RULES FOR GRASS TRIMMER

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or 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.
- Only use this grass trimmer when a Residual Current Device (RCD) with a tripping current of not more than 30Ma is in the circuit.

If an extension cord is used make sure it is for outdoor use and marked as such. The recommended size of extension cord is not lighter than 1.0mm<sup>2</sup> and a maximum of 10 meters in length.

**Danger!** The cutting elements continue to rotate after the motor is switched off.

- Before use check the supply and extension cord for signs of damage or ageing. If the cord becomes damaged during use, disconnect the cord from the supply immediately. Do not touch it before disconnecting the supply.
- Do not use the appliance if the cord is damaged or worn.
- Read the instruction carefully. Be familiar with the controls and proper use of the equipment.
- Keep extension cord away from cutting elements.
- Wear ear, eye and dust protection at all

times.

- Never allow children, people unfamiliar with these instructions to use the trimmer
  - Avoid using the trimmer while people, especially children, infirm people or pets, are nearby.
  - Use the trimmer only in daylight or good artificial light.
  - Never operate the trimmer 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 means.
  - Never fit metal cutting elements.
  - Use only the manufacturer's recommended placement parts and accessories.
  - Always disconnect the trimmer from the mains when leaving the trimmer unattended.
  - Disconnect the trimmer from the mains before carrying out maintenance or cleaning work.
  - Inspect and maintain the trimmer regularly. Have the trimmer repaired only by an authorized repairer.
  - If corset is damaged only have it repaired or replaced by an authorized service center.
  - Take care against injury from the blades fitted for trimmer the filament line length. After extending new cutter line or replacing the spool line. Always return the trimmer to its normal operating position before switching on.
  - Always ensure that the ventilation openings are kept clear of debris.
  - When not in use, store the trimmer out of the reach of children and infirm people.
- Warning!** In order to reduce the risk, disconnect the plug from the supply power, only use recommended accessories as required, otherwise personal injury may result.
- Periodically inspect the condition of the cutting head. If the spool is damaged,

switch off, remove the plug from the power point and replace the spool.

- Do not use the machine to cut grass, which is not on the ground. For example, do not cut grass, which is on walls or rocks.
- Do not switch on the machine in enclosed or poorly ventilated spaces or in the presence of inflammable and /or explosive substances such as liquid, gases and powders.
- Always stop the trimmer and switch off at the mains when cutting is delayed or when walking from one cutting location to another.
- Do not cross roads or gravel paths with machine still running.
- After use, disconnect the machine from the power supply and check for damage. If you have the slightest doubts, check with the authorized service center.
- Only use the machine according to the instructions give in this manual.
- Do not extend the trimming line beyond the guard and do not operate the trimmer without both lines extended and proper line installed.
- Check regularly that the nuts, bolts and screws are tight.

#### **IV Assembly**

##### **1.ACCESSORY LIST**

The trimmer is accompanied

1. Guard
2. Screw 4X18 Safety Bolts



Fig 2



Fig. 3

##### **2.ASSEMBLY OF GUARD**

The only assembly required for your trimmer is to install guard and Insert the Middle Tube3

- 1), Place the Safety Guard on the Motor Housing head.
- 2), turn the Safety Guard to have the hole in the Safety Guard to fit the screw hole in the Motor Head and lock it.

##### **3.INSERT THE Middle TUBE**

- 1), Insert the Middle tube3 to the Main Handle and Motor Housing in Position.
- 2) tightening it with 2 Tapping Screws 4X18 to lock it



Fig 4

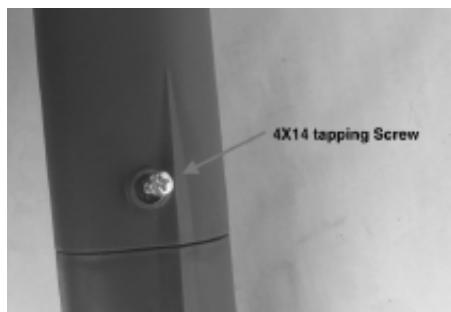


Fig 5



Fig 6

## V - Operation

1. Before use, check that the tools in good working condition and that the length of the trimmer line is correct, as follows:
2. Remove the cover of the line cutting blade.
3. Examine the general condition of the tool. Inspect the guard, switch, cordset and extension line. Check for loose screws, misalignment, and binding of moving parts, improper mounting, broken parts and any other condition that may affect its safe operation. If abnormal noise or vibration

occurs during operation, turn the line trimmer off immediately and have the problem corrected. Do not use a damaged tool and attach a label "DO NOT USE" to the tool.

**NOTE:** ADJUST THE TELESCOPIC TUBE TO PROPER LENGTH ACCORDING TO YOUR OPERATION REQUESTS. THE TUBE CAN EXTEND AND SHORTEN WHEN YOU PRESS THE BUTTON BY PUSHING THE TUBE FORWARD AND BACKWARD.

### **WARNING:** WHEN YOU ARE OPERATING:

1. Ensure that you are on a flat surface and have secure footing.
2. Check that the line touches or goes beyond the edge of the guard.
3. If the line is too short, pull on the nylon line and repeatedly press the spool button (9) until the line reaches the edge of the guard. Pull the second line until it reaches the edge of the guard.

**WARNING.** For your own safety when adjusting the length of the line, avoid coming into contact with the line cutting blade which is fixed to the guard. It is extremely sharp. Keep your hands well away from this area.

**WARNING.** The tool runs for approximately 5 seconds after it has been switched off. Let the motor come to a complete stand still before setting the tool down.

### **9. EXTENDING THE LINE**

To extend the line press the spool onto the ground whilst the motor is turning and the line will extend automatically. For most effective grass trimming, ensure the machine is operation at full speed and then use slow shallow sweeps of the line, ensuring that you do not overload the machine by cutting too fast or cutting through heavy terrain.

## 10. TRIMMING

1. Make sure that the work area is free of rock, debris, lines and other foreign objects.
2. Start the tool before approaching the grass to be cut.
3. If you need to release the line, please “bump” the spool button of the trimmer on the ground to feed out more line. If too much line is fed out and it projects beyond the guard edge it is cut by the line cutting blade.
4. Cut the grass by swinging the tool from right to left and proceed slowly keeping the trimmer inclined forwards at an angle of about 30°. Light cuts are better than heavy cuts as they allow the cut grass to fall away from the spool preventing the grass from clogging the spool.
5. Start cutting nearest the mains power source and work away from it to make it easier to avoid the cable.
6. High grass should be cut in layers always beginning from the top. Do not cut damp or wet grass. Do not overload your tool.
7. Avoid wearing the line out quickly by knocking against hard objects (stones, walls, fences etc).
8. Watch out for kickbacks in the events of impact with hard objects.
9. After finishing the cutting operation, keep the head close to ground level, release the switch and follow the motor to come to a complete stand still. Place the trimmer on the ground, switch off and remove the cable plug from the mains supply.

**NOTE.** Periodically clean out the grass between the spool and the rim of the guard to prevent the tool from vibrating.

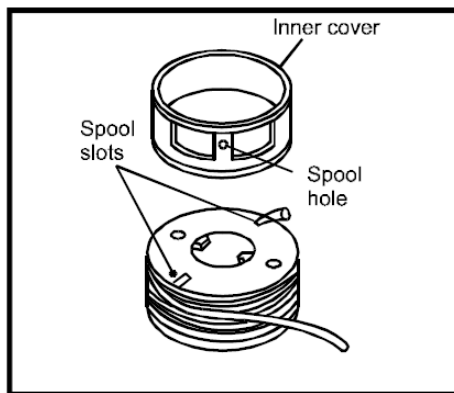
## VI Maintenance

11. Store the tool, instruction manual and accessories in a secure, dry place. In this way you will always have the information

ready to hand.

1. Remove dust and dirt regularly.
2. Re-lubricate all moving parts at regular intervals.
3. Never use caustic agents to clean plastic parts.
4. Never disassemble the tool or carry out any repairs. Always have the trimmer maintained or repaired by a competent person at an authorized service center.

## 5. REPLACING THE SPOOL



### Inner cover Spool slots Spool hole

1. Ensure the switch is in the off position and disconnect the cable plug from the mains supply.
2. Ensure that you are on a flat surface and have secure footing.
3. Turn the spool holder take the inner cover off the spool then insert one end of the line into the base of the spool into the spool slot provided, ensuring that it is securely in place.



4. Wind the line anti-clockwise around the spool leaving a length of line (approx. .2inches).
5. With the length of line left insert it in to the hole of the inner cover and then replace the cover back on to the spool.
6. Push the spools back into the spool holder and tighten clockwise ensuring it is located securely in place.

**CAUTION.** After changing the line spool, run the trimmer under no load for at least a minute to make sure that the line and the tool are both operating correctly. Use only the line spool as recommended by the manufacturer.

### **LUBRICATION AND SERVICE**

1. There are no parts that require lubrication for normal use.
2. When the line trimmer needs new carbon brushes or after 40 hours of use, take it to an authorized service center for the replacement of the carbon brushes and the following:
  - Lubrication
  - Mechanical drive check including spindle, bearing and enclosure
  - Electrical circuits check including switch, wiring and motor.
  - Mechanical and electrical performance

**CAUTION.** Do not use cleaning agents to clean the plastic parts of the tool. A mild detergent on a damp cloth is recommended. Water must never come into contact with the tool. Do not use this trimmer in wet rainy conditions.

### **STORAGE**

1. Store the trimmer away from direct sunlight.
2. Do not store in a nylon bag as this can encourage formation of mould.
3. At the end of the season, give the trimmer an overall cleaning and a thorough check.

Do not leave the trimmer resting on the floor for extended periods as it could cause the shape of the guard to alter, posing a safety risk. Hang it off the floor by the top handgrip.



## 2 YEAR GUARANTEE

Casals guarantees that this product has been thoroughly inspected and tested before being dispatched and is free from mechanical and electrical defects and complies with the applicable safety standards. However, should defects due to faulty material or workmanship develop, under normal domestic use, within 6 months from the date of purchase please return the product to the store from where it was purchased for a full refund or replacement.

### The following conditions apply:

1. Please ensure you retain your receipt as this must be presented when making a claim under the terms of the guarantee. It is impossible to determine the guarantee period without proof of purchase, so please keep this in a safe place.
2. If a refund or exchange is required the product must be complete with all accessories, parts and packaging.
3. Missing parts will render the guarantee void.
4. Upon receipt of your appliance check it for any transport damage to ensure it is safe for use. Return it to the store as soon as possible for exchange if damaged. The guarantee is void if products are damaged after use, so please do not use the damaged product.
5. Your product is designed for normal domestic household use. Failure to read and comply with the instructions for use, cleaning and maintenance will render your guarantee void, so please read these instructions carefully to ensure your safety, and get the most effective use from the product.
6. **Any abuse, negligent, improper use will render the guarantee void and Creative Housewares (Pty) Ltd will not be liable for any loss or damage.**
7. This Guarantee will not apply if this tool is damaged by accident or from normal wear and tear.
8. Any attempted repair, or replacement of unauthorised parts will render the guarantee void, so please contact an authorised service centre or agent for any service or repair requirements.
9. **Accessories such as bits, blades, sanding disc, cutting lines, etc are excluded from this guarantee.**
10. **Normal consumables parts, such as carbon brushes, bearings, chucks, cord assembly's, spark plugs, recoil pulleys and bump head assembly's are specifically excluded from this guarantee.**

### Extended 24 Month Limited Guarantee

- Casals takes pride in their product quality and therefore offer an extended 24 month limited guarantee from the original date of purchase to offer the consumer peace of mind on their purchase.
- Should defects due to faulty material or workmanship develop, under normal domestic use, within 24 months from the original date of purchase, please return the product to the store from where it was purchased for repair free of charge.
- Casals will however replace a product, if the cost of the repair is not commercially viable or if their ability to conduct repair effectively cannot be guaranteed.
- **NB:** The guarantee on replaced products will be from the original date of purchase.
- All repairs carry a 3 month guarantee even if this falls outside of the 2 year guarantee period. Casals will attempt to conduct repairs within reasonable industry standards but cannot be held responsible or liable for any circumstances not under their control.

### Before returning your product, check for the following:

1. Your household mains supply socket is working and switched on.
2. The mains supply circuit is not overloaded (White trip switch on your DB board is off).
3. You have read the trouble shooting guide in your Instructions for Use.
4. All accessories and parts are present.

If service or repair becomes necessary outside the guarantee period, this service is still available however all transport/postage, spares and labour costs will be paid by the consumer. All chargeable repairs will require the consumers' approval in writing once the quote is accepted. Once the go-ahead has been received Casals will undertake to conduct the repair within a reasonable time and maintain the condition of the product as received.

For any assistance, service, queries and complaints please contact our Customer Care on 086 111 5006 or e-mail [help@creativehousewares.co.za](mailto:help@creativehousewares.co.za).

# Be on the look-out for these Casals products at your local outlet:



CD4800RE



CS1200RE



IDR500REA



ID710REA



RHD1050



MFS180



BS76-710



OS150



PL82-650



HAF2000A



AG115-500



AG115-710



AG230-710



SP1200



JS55A



DBS900



MFS400



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