



“Lux 450” Benchtop Food Composter

User Manual & Safety Instruction

Model Lux-450-AU

SOILUX-MAN-001

Revision No. 01

READ THESE INSTRUCTIONS CAREFULLY BEFORE USE

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1 WELCOME TO SOILUX

Thank you for choosing Soilux. Your Lux 450 food composter turns everyday kitchen scraps into a dry, soil-improving material — quietly, cleanly and automatically. This manual explains how to set up, operate, clean and care for your appliance safely, and what to do if something goes wrong.

Please read Section 3, "Important Safeguards", in full before you use the appliance for the first time. Keep this manual for future reference; if you pass the appliance to another person, please pass on this manual as well.

2 SAFETY SYMBOLS USED IN THIS MANUAL

The following signal words draw your attention to safety information. The more serious the hazard, the more important it is to follow the instruction.

DANGER

- Indicates a hazard that, if not avoided, WILL result in death or serious injury (for example, electric shock).

WARNING

- Indicates a hazard that, if not avoided, COULD result in death or serious injury (for example, fire or contact with moving parts).

CAUTION

- Indicates a hazard that, if not avoided, could result in minor or moderate injury (for example, burns from hot surfaces).

NOTICE: Indicates information used to prevent damage to the appliance or property, where no personal injury is involved.

3 IMPORTANT SAFEGUARDS

When using an electrical appliance, basic safety precautions should always be followed, including those set out below. Read all instructions before using the appliance.

3.1 Intended Use

The Soilux Lux 450 is intended for indoor domestic use only, to process household food scraps as described in this manual. It is not intended for commercial or industrial use, for any material other than the food types listed in section 8, or for any purpose not described here. Using the appliance in any other way may be unsafe and may void your warranty.

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3.2 General Safety

WARNING

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved
- Children shall not play with the appliance
- Cleaning and user maintenance shall not be made by children without supervision
- Keep the appliance and its supply cord out of reach of children less than 8 years.

WARNING

- 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
- Switch off and disconnect the appliance from the supply mains before assembling, disassembling, cleaning or carrying out user maintenance, and when it is not in use
- Do not operate the appliance if it is damaged, if the cord or plug is damaged, or if it has been dropped or is not working correctly.

3.3 Electrical Safety

DANGER

- Risk of electric shock. To protect against electric shock, do not immerse the appliance, its cord or plug in water or any other liquid
- Do not spray or pour water onto or into the appliance. Do not handle the plug with wet hands
- Connect only to a properly earthed power outlet matching the rating on the appliance label. Do not use adaptors or extension leads
- Always switch off at the wall and unplug before cleaning (see section 12) or before clearing the chamber
- There are no user-serviceable parts inside. Do not open the housing. Refer all servicing to Soilux or an authorised service agent.

3.4 Fire, Heat and Stability

WARNING

- Place the appliance on a firm, flat, heat-resistant and stable surface. Do not place it on or near hot surfaces such as a stovetop or oven
- Maintain the minimum clearances in section 6.3. Do not cover the appliance or block its vents during operation
- Do not place anything on top of the appliance and do not operate it inside a cupboard, cabinet or other enclosed space
- Do not use the appliance near curtains, paper, aerosols, flammable liquids or other combustible materials

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WARNING

- Route the supply cord so it cannot be pulled, and so children or pets cannot pull the appliance off the bench.

3.5 Moving Parts

WARNING

- The appliance contains a moving processing element. Keep hands, utensils, hair and clothing away from the chamber
- Do not place your hands or any object into the chamber while the appliance is operating. Only open the chamber when the appliance has stopped and is switched off
- Do not defeat, bypass or tamper with the lid or any safety interlock
- Do not add large bones, stones, fruit pits or hard non-food objects, which can be ejected or jam the mechanism (see section 8)
- Take care of pinch points when closing the lid.

3.6 Hot Surfaces and Steam

CAUTION

- Surfaces and contents may be hot during and after a cycle. Allow the appliance to cool before opening, emptying or cleaning
- Hot vapour may be released when the lid is opened. Keep your face and hands clear when opening the lid
- The appliance produces some noise and vibration in normal operation; place it on a stable surface to minimise this.

3.7 Food, Hygiene and Output Safety

CAUTION

- The material produced by the appliance is processed food waste. Treat it as you would raw food scraps. Wash your hands after handling it and after emptying the appliance
- Do not eat the output and do not allow children or pets to eat the output, the composting additive, or the contents of the carbon filter
- People with respiratory sensitivities should ensure the room is ventilated when emptying or cleaning the appliance
- See section 10 for how to use the output safely, including important limits on using it on edible plants.

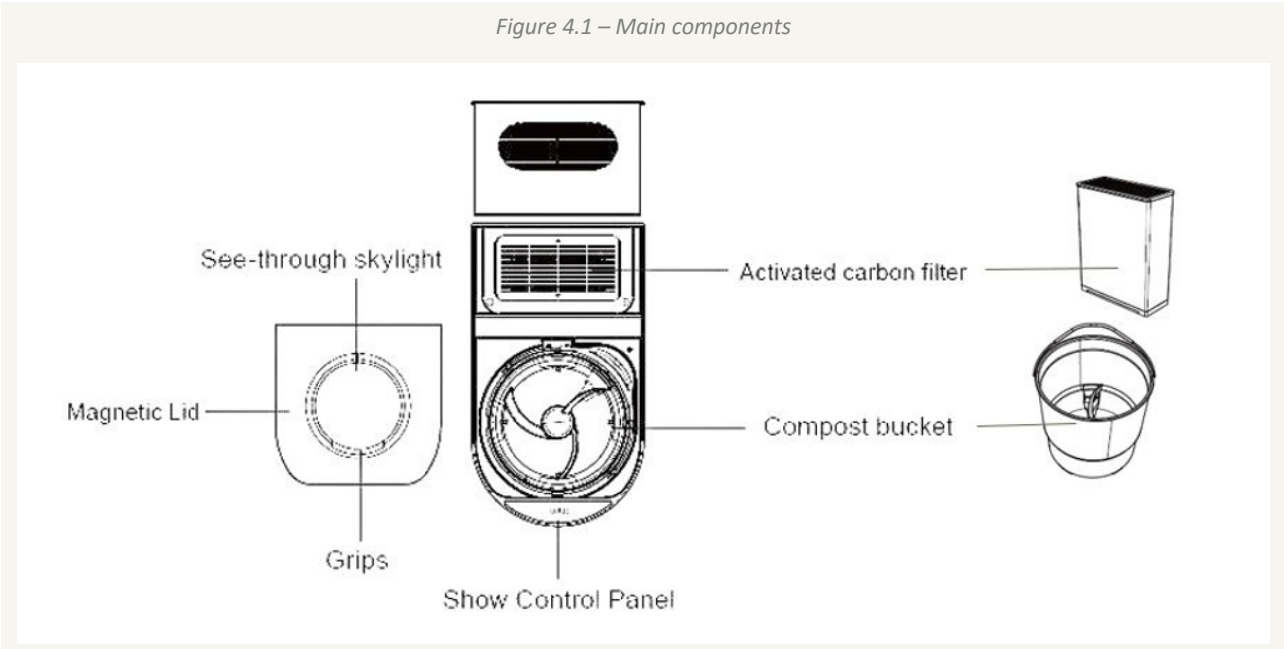
3.8 Children and Pets

In addition to section 3.2, keep children and pets away from the appliance during operation and while it is cooling. The chamber, contents and some surfaces may be hot, and the chamber contains a moving element. Store the composting additive, the carbon filter and any output material out of reach of children and pets.

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4 GETTING TO KNOW YOUR SOILUX

4.1 Main Components



4.2 Control Panel

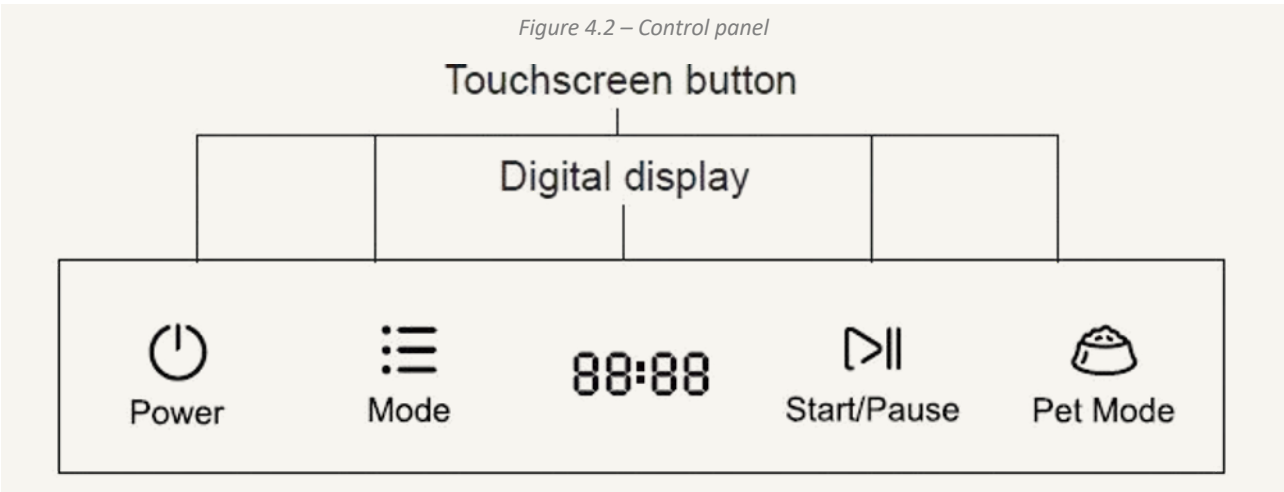


Table 4.1 – Control functions

Control	Function
Power	On connection the appliance enters hibernation (power light blinks slowly). Press to wake to standby; press and hold to return to hibernation.
Mode	Cycles through the operating modes shown on the display — Smart, Composting, Storage and Cleaning. A short beep sounds at each change.

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Control	Function
Pet	Selects Pet Mode (see section 7.4). Press and hold Power + Pet together to reset the carbon-filter usage counter after a filter refill.
Start/Pause	After selecting a mode, press to start. Press during a cycle to pause; press again to resume. Other modes may be selected while paused.
Digital Display	Shows operating time, selected mode, status, maintenance reminders and fault codes.
Mode + Start/Pause	Press and hold together to turn the voice prompt on or off.

4.3 Operating Modes

Table 4.2 – Operating modes

Mode	Description
Smart	Automatically dries and pulverises food waste for routine household use. Typical cycle $\approx$ 6 h, depending on quantity and moisture.
Composting	Extended drying and shredding for a finer compost-like output. Typical cycle $\approx$ 12–18 h.
Storage	Air circulation and intermittent agitation reduce odour and partially dry small amounts of waste until a full cycle is run.
Cleaning	Self-cleaning of the chamber. Add approximately 2300 mL of water to the bucket before starting. Typical cycle $\approx$ 45 min.
Pet	A dedicated processing cycle ($\approx$ 1.5 h) for ingredients you select and combine according to your own or your veterinarian's recipe. Read section 7.4 before any animal feeding.

4.4 What's in the Box

- Soilux Lux 450 appliance (LUX-450-AU)
- Activated-carbon filter (pre-installed)
- Composting additive — starter sachet/tablet (see section 9)
- Power supply cord
- This User Manual & Safety Instructions.

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5 TECHNICAL SPECIFICATIONS

Specification	Detail
Model	LUX-450-AU (Soilux "Lux 450")
Product Type	Benchtop electric food-waste composter
Rated Voltage	220–240 V a.c.
Rated Frequency	50/60 Hz
Rated Power Input	650 W
Processing Capacity	4.5 L
Typical Cycle Time	Smart ≈ 6 h; Composting ≈ 12–18 h; Cleaning ≈ 45 min; Pet ≈ 1.5 h
Dimensions (W x D x H)	419 × 240 × 327 mm
Net Weight	9.5 kg
Sound Level	< 37 dB(A)
Odour Control	Replaceable activated-carbon filter (genuine Soilux refill; ≈ 6-month life)
Intended Environment	Indoor domestic use only
Protection Class	Class I (earthed appliance)
Country of Origin	Made in China
Power Supply	Mains powered

6 SETTING UP YOUR SOILUX

6.1 Unpacking and Inspection

1. Carefully remove the appliance and accessories from the packaging. Keep packaging away from children — there is a risk of suffocation from plastic bags
2. Inspect the appliance, cord and plug for any damage that may have occurred in transit. If anything is damaged, do not use the appliance — contact Soilux support
3. Remove any protective film or transit packaging from inside the chamber before first use
4. Retain the packaging, if possible, in case you need to transport or store the appliance later (see section 14).

6.2 Choosing a Location

- Indoors, on a firm, flat, level and heat-resistant surface that can support the weight of the appliance and its contents
- Away from heat sources, water, sinks, curtains and combustible materials
- Within reach of a suitable earthed power outlet, without using extension leads or adaptors
- Where children and pets cannot reach the appliance or pull on the cord.

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6.3 Clearance and Ventilation

Leave at least the following clearances so that heat and air can move freely:

- Sides: 150 mm
- Rear: 150 mm
- Top: 150 mm — do not place items on top of the appliance.

Do not block or cover the ventilation openings or the carbon-filter housing. Do not install or operate the appliance inside a cupboard, cabinet or other enclosed space. Inadequate clearance may cause reduced performance, overheating, activation of safety protection, or an increased risk of fire.

6.4 Connecting to Power

- Check that the mains supply voltage matches the rating label on the appliance
- Plug directly into a properly earthed wall outlet. Do not use an extension lead, adaptor or power board
- Route the cord so it is not trapped, stretched, damaged, or positioned where it could be a trip hazard
- Do not operate the appliance if the power cord or plug is damaged.

7 OPERATING YOUR SOILUX

7.1 Before each Use

Make sure the carbon filter is fitted (see section 11), the compost bucket is correctly in place, and the appliance is on a stable, level surface with the clearances in section 6.3.

7.2 Loading Food Scraps

- Open the lid and place food scraps into the compost bucket, within the maximum fill level marked inside (do not overfill)
- Only add the food types listed in section 8. Do not add liquids, packaging or non-food items
- Take care of pinch points and close the lid fully so it latches.

7.3 Starting a Cycle

1. Press the Power button to wake the appliance to standby
2. Open the lid, load the bucket within the maximum fill line, and close the lid securely
3. Press the Mode button to select Smart, Composting, Storage or Cleaning (or press the Pet button for Pet Mode — see section 7.4)
4. Press Start/Pause to begin. The display shows the selected mode and remaining time
5. To pause, press Start/Pause; press again to resume
6. When the cycle is complete, allow the contents and internal components to cool before opening the lid or removing the bucket.

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7.4 Pet Mode

Pet Mode is a dedicated processing cycle (approximately 1.5 hours).

WARNING

- Pet Mode processes ingredients that you select and combine according to a recipe chosen by you or your veterinarian
- You are responsible for ensuring the ingredients are safe, suitable and nutritionally appropriate for your animal
- Processing does not remove ingredients that are toxic to animals (such as onion, garlic, chocolate or grapes) and does not guarantee that harmful bacteria are eliminated
- Bones, hard fragments and other foreign material may remain in the output and could present a choking or injury hazard
- Soilux does not represent that the output is a complete or balanced food. If in doubt, consult your veterinarian.

To use Pet Mode: load the ingredients into the compost bucket, close the lid securely, press the Pet button, then press Start/Pause. The display shows the mode and cycle status.

7.5 During Operation and End of Cycle

- Do not open the lid while a cycle is running
- Do not place your hands inside the chamber while the appliance is operating
- Surfaces, the chamber and the contents may be hot during and after operation. Allow the appliance to cool before opening the lid or removing the bucket (see section 3.6)
- Hot vapour may escape when the lid is opened — keep your face and hands clear
- The compost bucket may remain hot for some time after the cycle finishes.

7.6 Emptying the Output

- When the cycle is complete and the appliance has cooled, remove the compost bucket and empty the processed material
- The bucket may be hot and heavy when full — lift with care to avoid strain
- Wash your hands after handling the material. Clean up any spills immediately to prevent slips (see section 12).

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8 WHAT YOU CAN AND CAN'T ADD

8.1 Suitable Items

- Fruit and vegetable scraps and peelings
- Plate scrapings and leftovers
- Bread, rice, pasta and other grains
- Meat and fish scraps
- Eggshells and soft shells
- Coffee grounds, and plastic-free paper tea bags and coffee filters
- Small amounts of dairy products.

8.2 Do NOT Add

CAUTION

- Liquids (water, oils, soups, sauces) or large amounts of fat or grease
- Packaging, plastic, foil, glass, metal, cutlery or any other non-food item
- Large bones, fruit pits/stones or other hard objects that may be ejected or jam the appliance
- Chemicals, cleaning products, cigarette butts or other hazardous waste
- Pet waste, nappies, wipes, hygiene products or similar household waste
- Large quantities of fibrous material (corn stalks, broccoli stems, tough plant fibres) unless cut into small pieces
- Food waste above the maximum fill line marked inside the bucket.

9 THE COMPOSTING ADDITIVE

Your Soilux uses a composting additive (a microbial starter containing *Bacillus subtilis* in a plant-fibre base) that helps break down food waste. Add it as directed by the instructions on the additive pack.

CAUTION

- Keep the additive out of reach of children and pets; it is not for human or animal consumption
- Store in a cool, dry, well-ventilated place away from heat and sunlight, in its original packaging
- Ensure good ventilation when handling; wash your hands after use. If you have sensitivities, wear gloves and avoid inhaling dust
- Refer to the product Safety Data Sheet for full handling and first-aid information.

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10 USING YOUR SOILUX OUTPUT SAFELY

10.1 What the Output is

The material produced by the appliance is dried, reduced food waste. Depending on the cycle selected, it is generally a soil amendment rather than fully matured compost. To become stable compost, it usually needs a further period of curing — for example, mixing it into a garden compost system or soil and allowing it to mature.

10.2 Using it in the Garden

⚠ CAUTION

- Mix the output into soil or a compost system and allow it to cure before relying on it as compost. Do not apply thick layers of fresh output directly around plants
- Because the output may contain residues from meat, fish and dairy, do not apply uncured output directly to edible plants or vegetable gardens. Allow it to compost fully first, or use it on ornamental and non-edible areas
- If your local council provides Food Organics and Garden Organics (FOGO) collection, the output may be placed in the FOGO bin in accordance with local requirements.

10.3 Output and Animals

Do not feed the output to animals unless it has been produced using Pet Mode from suitable ingredients you have selected, in accordance with section 7.4. The general composting output is not pet food.

11 THE CARBON FILTER

The activated-carbon filter controls odours. The carbon has a limited life and must be refilled or replaced regularly to keep the appliance working effectively and to prevent odours. Use only genuine Soilux replacement carbon or filters.

11.1 When to Replace

- Refill or replace the carbon when the display shows E06, or sooner if odours become noticeable during operation
- Under normal household use the carbon typically needs replacing approximately every 6 months.

11.2 How to Refill or Replace

1. Switch off and unplug the appliance and allow it to cool
2. Open the rear filter cover and remove the carbon-filter cartridge
3. Open the cartridge and remove the used activated carbon
4. Refill the cartridge with genuine Soilux activated carbon (or fit a new genuine cartridge) and close it securely
5. Reinstall the cartridge and close the rear filter cover
6. Press and hold the Power and Pet buttons together to reset the filter-life counter
7. Wash your hands after handling used carbon. Dispose of used carbon with general household waste, or as directed by your local council
8. Keep new and used carbon and cartridges out of reach of children and pets.

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12 CLEANING AND CARE

WARNING

- Always switch off and unplug the appliance and allow it to cool completely before cleaning
- Never immerse the appliance, cord or plug in water. Do not put the appliance in a dishwasher
- Keep the moving element clear of your hands; use a soft brush or non-abrasive tool to remove residue.

12.1 Routine Cleaning

- Remove the compost bucket and wash it with warm water and a mild detergent
- Do not use abrasive brushes, scouring pads, solvents or bleach, which may damage surfaces
- Wipe the inside of the chamber, the lid seal and the exterior with a soft, damp cloth, then dry
- Clean up any spilled material from the bench and floor promptly to avoid slips.

12.2 Automatic Cleaning Style

1. Empty the bucket and remove any remaining food waste
2. Add approximately 2300 mL of water to the bucket and reinstall it
3. Close the lid, select Cleaning Mode with the Mode button and press Start/Pause
4. When the cycle is complete, allow the bucket to cool, then empty, rinse and dry it before returning it to the appliance.

12.3 Periodic Care

- Refill or replace the carbon filter on schedule (section 11)
- Check the cord and plug for damage before use; if damaged, stop using the appliance (section 3.2)
- Keep the air vents and filter housing free of dust and obstructions
- Inspect the appliance regularly for damage or abnormal operation; if a fault is suspected, stop using it and contact Soilux support.

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13 TROUBLESHOOTING

Try the steps below. If a problem persists, or if you ever see, smell or hear signs of an electrical fault, stop using the appliance and contact Soilux support. Do not attempt internal repairs.

13.1 Common Problems

Problem	Possible Cause	What to Do
Appliance will not start	Not switched on / not plugged in; lid not fully closed; safety interlock engaged.	Check power and that the lid is closed and latched. If it still will not start, contact Soilux support — do not attempt internal repairs.
Cycle stops part-way	Overload; hard object jamming the chamber; thermal cut-out activated.	Switch off, unplug and allow to cool. When cool, remove any oversized or prohibited items (see section 8). Restart. If it recurs, contact support.
Persistent odour	Carbon filter exhausted or incorrectly fitted; chamber needs cleaning.	Refill/replace the carbon filter (section 11) and clean the chamber (section 12). Ensure the filter is seated correctly.
Output wet / not fully processed	Cycle interrupted; too much liquid or unsuitable items added; overloaded.	Avoid liquids and the items in section 8; do not exceed 4.5 L; allow the full cycle to complete.
Excessive noise or vibration	Hard object in chamber; appliance not on a level surface.	Switch off, unplug, allow to cool and check the chamber. Place on a firm, level surface (section 6.2).
Burning smell, smoke or visible damage	Electrical fault.	STOP. Switch off at the wall and unplug immediately. Do not use. Contact Soilux support.

13.2 Error Codes

Code	Meaning	What to Do
E01	Motor abnormality.	Switch off and allow to cool. Check for obstructions in the bucket and restart. If it persists, contact Soilux support.
E02	Temperature abnormality.	Switch off and allow to cool. Check for obstructions and ensure adequate ventilation, then restart.
E03	Fan abnormality.	Ensure the air vents are not blocked and restart. If it persists, contact Soilux support.
E06	Carbon-filter life expired.	Refill/replace the carbon filter and reset the counter as described in section 11.

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14 STORAGE AND MOVING

- Switch off, unplug and allow the appliance to cool and dry completely before storing or moving it
- Empty and clean the compost bucket and chamber first
- Store indoors in a clean, dry place; avoid rain, excessive humidity, direct sunlight and freezing conditions, which can cause condensation and electrical faults
- When moving the appliance, keep it upright and lift with care; it weighs about 9.5 kg. Avoid knocks that could cause hidden damage.

15 DISPOSAL AND RECYCLING

At the end of its life this appliance is electrical equipment (e-waste) and should not be placed in your general rubbish bin where e-waste to landfill is restricted. Take it to a designated e-waste recycling point or follow the directions of your local council.

Dispose of used activated carbon and filter cartridges with general household waste unless your local council directs otherwise.

16 COMPLIANCE AND CERTIFICATION

The Soilux Lux 450 (LUX-450-AU) is designed to comply with the applicable Australian requirements for household electrical appliances, including:

- The electrical safety standard AS/NZS 60335.1 and the applicable particular standards AS/NZS 60335.2.9, 60335.2.14 and 60335.2.16
- AS/NZS 3820 (essential safety requirements) and AS/NZS 60730.1 (automatic controls)
- The Electrical Equipment Safety System (EESS) and the Regulatory Compliance Mark (RCM) under AS/NZS 4417.1/.2
- Electromagnetic compatibility under AS/NZS CISPR 14.1 and CISPR 14.2
- The Australian Consumer Law (Schedule 2 to the Competition and Consumer Act 2010).

This product carries the Regulatory Compliance Mark (RCM), shown on the rating label, indicating compliance with the applicable Australian electrical-safety and electromagnetic-compatibility requirements.

Table 16.1 – Regulatory information

Item	Details
Trade Name	Soilux "Lux 450"
Model	LUX-450-AU
Manufacturer	Soilux Pty Ltd (ABN 23 694 800 023)
Country of Origin	Made in China
Importer & Responsible Supplier	Soilux Pty Ltd (ABN 23 694 800 023)
Address	2501 Coolawanyah Road, Karratha Industrial Estate WA 6714, Australia
Customer Support	08 6275 8619 • support@soilux.com • www.soilux.com.au

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17 WARRANTY

17.1 Your Rights under the Australian Consumer Law

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

17.2 Soilux Warranty against Defects

In addition to your rights under the Australian Consumer Law, Soilux provides the following warranty against defects:

- **Warranty period:** 12 months from the date of purchase
- **What is covered:** defects in materials and workmanship under normal domestic use and in accordance with this manual
- **What is not covered:** damage from misuse, neglect, accidental damage, unauthorised modification or repair, use contrary to this manual, normal wear and tear, and consumable items (such as activated carbon, filters and the composting additive)
- **How to make a claim:** contact Soilux with proof of purchase and details of the fault. Soilux will advise the next steps, including any inspection, repair, replacement or return requirements.

This warranty is given by Soilux Pty Ltd (ABN 23 694 800 023), 2501 Coolawanyah Road, Karratha Industrial Estate WA 6714, Australia, telephone 08 6275 8619, email support@soilux.com. The benefits of this warranty are in addition to other rights and remedies available to you under a law in relation to the goods.

18 CUSTOMER SUPPORT

For help, spare parts (including genuine carbon and the composting additive), or warranty claims, contact Soilux:

- **Phone:** 08 6275 8619
- **Email:** support@soilux.com
- **Address:** 2501 Coolawanyah Road, Karratha Industrial Estate WA 6714, Australia
- **Web:** www.soilux.com.au.

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Appendix A DEFINITIONS AND ABBREVIATIONS

Abbreviation	Meaning
a.c.	Alternating current.
ABN	Australian Business Number.
ACL	Australian Consumer Law (Schedule 2 to the Competition and Consumer Act 2010 (Cth)).
AS/NZS	Australian/New Zealand Standard.
CISPR	International Special Committee on Radio Interference (Comité International Spécial des Perturbations Radioélectriques) — electromagnetic-compatibility standards series.
dB(A)	A-weighted decibel; unit of sound level adjusted to approximate human hearing.
EESS	Electrical Equipment Safety System — the national scheme regulating in-scope household electrical equipment in Australia.
EMC	Electromagnetic compatibility.
e-waste	Electrical and electronic waste.
FOGO	Food Organics and Garden Organics — kerbside organics collection stream.
Hz	Hertz; unit of frequency (cycles per second).
kg	Kilogram.
L	Litre.
mL	Millilitre.
mm	Millimetre.
RCM	Regulatory Compliance Mark.
SDS	Safety Data Sheet.
V	Volt; unit of electrical potential.
W	Watt; unit of electrical power.
W × D × H	Width × Depth × Height — dimensional convention used for the appliance.
WA	Western Australia.

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Appendix B Definitions of Terms

Term	Definition
Activated-carbon filter (carbon filter)	Replaceable cartridge of activated carbon that adsorbs odours from the processing chamber. Genuine Soilux refill; approximately 6-month service life.
Appliance	The Soilux Lux 450 benchtop electric food-waste composter, Model LUX-450-AU.
Bacillus subtilis	Naturally occurring soil bacterium; the microbial agent in the composting additive that assists breakdown of food waste.
CAUTION	Signal word indicating a hazard that, if not avoided, could result in minor or moderate injury.
Chamber	The internal processing compartment that houses the compost bucket and the moving element.
Class I appliance	Earthed appliance that relies on a protective earth connection (in addition to basic insulation) for protection against electric shock. See Protection Class.
Cleaning Mode	Self-cleaning cycle ($\approx$ 45 min) run with approximately 2300 mL of water added to the bucket.
Compost bucket	Removable container that holds food scraps during processing and the output afterwards.
Composting additive	Microbial starter (Bacillus subtilis in a plant-fibre base) added to assist decomposition; not for human or animal consumption.
Composting Mode	Extended drying and shredding cycle ($\approx$ 12–18 h) producing a finer, compost-like output.
Curing (maturation)	Further period of composting required before the appliance output becomes stable, mature compost.
DANGER	Signal word indicating a hazard that, if not avoided, will result in death or serious injury.
Digital display	Control-panel display showing operating time, selected mode, status, maintenance reminders and fault codes.

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Term	Definition
Earthed	Connected to electrical earth (ground) through the supply; required for Class I appliances.
Error code (E01, E02, E03, E06)	Fault indications shown on the display — E01: motor abnormality; E02: temperature abnormality; E03: fan abnormality; E06: carbon-filter life expired.
Hibernation	Lowest-power state entered on connection to mains (power light blinks slowly); woken to standby via the Power button.
Intended use	Indoor domestic processing of household food scraps as described in the manual. Any other use may be unsafe and may void the warranty.
Maximum fill line	Marked level inside the compost bucket that must not be exceeded when loading.
Moving element (processing element)	Rotating component inside the chamber that dries and pulverises food waste; a mechanical hazard point.
NOTICE	Signal word indicating information used to prevent damage to the appliance or property, where no personal injury is involved.
Output	The dried, reduced food-waste material produced by the appliance; generally a soil amendment rather than fully matured compost.
Pet Mode	Dedicated processing cycle (≈ 1.5 h) for ingredients the user selects and combines per their own or a veterinarian's recipe. Output is not represented as a complete or balanced animal food.
Protection Class	Classification of the method of protection against electric shock. The Lux 450 is Class I (earthed).
Rating label	Label on the appliance showing the electrical ratings and the Regulatory Compliance Mark (RCM).
Regulatory Compliance Mark (RCM)	Mark on the rating label indicating compliance with applicable Australian electrical-safety and EMC requirements.
Responsible supplier	The Australian entity accountable for the compliance of the supplied equipment — Soilux Pty Ltd, which is also the importer.

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Term	Definition
Safety interlock (lid interlock)	Safety device that prevents or stops operation when the lid is open; must not be defeated, bypassed or tampered with.
Smart Mode	Default automatic cycle (≈ 6 h) that dries and pulverises food waste for routine household use.
Soil amendment (soil conditioner)	Material added to soil to improve its physical or biological properties; describes the appliance output prior to full curing.
Standby	Ready state after the appliance is woken from hibernation, before a cycle is started.
Storage Mode	Air-circulation and intermittent-agitation mode that reduces odour and partially dries small amounts of waste until a full cycle is run.
Thermal cut-out	A protective device that interrupts operation in the event of over-temperature.
Voice prompt	Audible guidance feature, toggled on or off by pressing and holding Mode + Start/Pause.
WARNING	Signal word indicating a hazard that, if not avoided, could result in death or serious injury.
Soilux Pty Ltd	Importer and responsible supplier of the appliance (ABN 23 694 800 023), Karratha Industrial Estate, WA.
Manufacturer	Soilux Pty Ltd