Erbauer®

ERB474HTL

2 Year Guarantee

250W MULTICUTTER

Original Instructions
(Version 2.0)

Congratulations on your purchase of a quality power tool from Erbauer (UK) Ltd. This product should give you reliable service but for your peace of mind this Erbauer power tool does carry a 2 year guarantee, the terms of which are detailed below.

If this product develops a fault within the guarantee period contact your retailer.

Please retain this handbook in case you need to refer to safety, care or guarantee information in the future.

GUARANTEE

This Erbauer product carries a 2 year guarantee. If your product develops a fault within this period, you should in the first instance contact the retailer where the item was purchased.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For further technical advice, spare parts or repair service (outside of guarantee) please contact the customer helpline number on 0345 607 6380.

250W MULTICUTTER

GENERAL SAFETY INSTRUCTIONS

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. 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 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 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 energising 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 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.

SAFETY INSTRUCTION FOR CUTTING

1. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
2. **Always wear a dust mask.**

Warning: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

Noise information
Wear hearing protection!
Measured sound values determined according to EN 60745.
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.

Vibration information
The European Physical Agents (Vibration) Directive has been brought in to help reduce hand arm vibration syndrome injuries to power tool users. The directive requires power tool manufacturers and suppliers to provide indicative vibration test results to enable users to make informed decisions as to the period of time a power tool can be used safely on a daily basis and the choice of tool.
Further Advice can be found at www.hse.gov.uk

Vibration total values (triax cover sum) determined according to EN 60745:	
Typical weighted vibration	Vibration emission value a_h =5.42m/s^2
	Uncertainty K =1.5m/s^2

The declared vibration emission value should be used as a minimum level and should be used with the current guidance on vibration.

The declared vibration emission been measured in accordance with a standardised test stated above and may be used to compare one tool with another tool.The declared vibration emission value may also be used in a preliminary assessment of exposure.

Warning: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependent on the following examples and other variations on how the tool is used:

How the tool is being used and the materials being cut or drilled.
The tool being in good condition and well maintained
The use the correct accessory for the tool and ensuring it is sharp and in good condition.
The tightness of the grip on the handles.
And the tool is being used as intended by its design and these instructions.

While working with this power tool, hand/arm vibrations occur. Adopt the correct working practices in order to reduce the exposure to vibration.
This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

Warning: Identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

Vibration and noise reduction
To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.
Take the following points into account to minimize the vibration and noise exposure risks:
1. Only use the product as intended by its design and these instructions.
2. Ensure that the product is in good condition and well maintained.
3. Use correct application tools for the product and ensure they in good condition.
4. Keep tight grip on the handles/grip surface.
5. Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
6. Plan your work schedule to spread any high vibration tool use across a number of days.

Emergency
Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.
1. Always be alert when using this product, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
2. Switch off and disconnect the machine from the power supply if there is any malfunction. Have the product checked by a qualified specialist and repaired, if necessary, before you put it into operation again.

Residual risks
Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:
1. Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
2. Injuries and damage to property due to broken application tools or the sudden impact of hidden objects during use.
3. Danger of injury and property damage caused by flying objects.

Warning: This product produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!

Health Surveillance

All employees should be part of an employer's health surveillance scheme to help identity anyvibration related diseases at an early stage, prevent disease progression and help employeesstay in work.

Double insulation

The tool is double insulated. This means that all the external metal parts are electricallyinsulated from the mains power supply. This is done by placing insulation barriers betweenthe electrical and mechanical components making it unnecessary for the tool to be earthed.

Important note

Be sure the supply is the same as the voltage given on the rating plate. The tool is fitted witha two-core cable and plug.

Remove the mains plug from socket before carrying out, any adjustment or servicing.

SYMBOLS


To reduce the risk of injury, user must read instruction manual


Double insulation


Warning


Wear ear protection


Wear eye protection


Wear dust mask


Wear gloves


Waste electrical products should not be disposed of with household waste.
Please recycle where facilities exist. Check with your Local Authority
or retailer for recycling advice.

yyWxx Manufacturing date code; Year of manufacturing (20yy) and week of manufacturing (Wxx);


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1. ON/OFF SWITCH
2. VENTING SLOTS
3. VARIABLE SPEED CONTROL
4. KEY STORAGE
5. TOOL HOLDER
6. STANDARD END CUT BLADE
7. HSS SEMICIRCLE SAW BLADE
8. SANDING PAD (PERFORATED)
9. PERFORATED SANDING SHEETS
10. FLANGE
11. SMALL FLANGE FOR OTHER BRANDS' SANDING PADS
12. HEX KEY

Works with other oscillating tool brands' accessories.
The following compatible brands are trademarks owned by third parties which may be registered by their respective owners: Black & Decker®, Bosch®, Chicago Electric®, Craftsman®, Dremel®, Fein®, Genesis®, Makita®, Mastercraft®, Milwaukee®, Performax®, Porter Cable®, Ridgid®, Ryobi®, Skil®, and Tool Shop®.

TECHNICAL DATA

Voltage	230-240V~50Hz
Power input	250W
Oscillation speed	11000-20000/min
Oscillation angle	3.2°
Protection class	⧈/II
Machine weight	1.4kg

A weighted sound pressure	L_{PA}: 82dB(A)	K_{PA}=3.0dB(A)
A weighted sound power	L_{WA}: 93dB(A)	K_{WA}=3.0dB(A)
Wear ear protection when sound pressure is over		80dB(A)

ACCESSORIES

Hex key	**1pc**
28mm Standard end cut blade	**1pc**
Plastic back sanding pad (perforated)	**1pc**
80mm segment saw blade	**1pc**
80# sanding sheet	**5pcs**
120# sanding sheet	**5pcs**
180# sanding sheet	**5pcs**
Plastic box	**1pc**
Small flange	**1pc**

OPERATION INSTRUCTIONS

NOTE: Before using the tool, read the instruction book carefully.

Intended Use
The power tool is intended for sawing and separating wooden materials, plastic, plaster, non-ferrous metals and fasteners (e.g. nails and clamps) as well as for working on soft wall tiles and for dry grinding of small surfaces. It is especially suitable for working close to edges and for flush cutting.

1. MOUNTING ACCESSORIES

Caution: For all work or when changing accessories, always wear protective gloves. Avoid danger of injury from the sharp edges of the accessories. Accessories can become very hot while working, presenting danger of burns!

Warning: To reduce the risk of injury, do not let the sharp side of the accessory face back toward the user's hand.

- Loosen the Flange
Use the hex key to rotate the Flange clockwise. (See Fig. 1)

- Insert Accessories
Insert the Accessory onto the Tool Holder. (See Fig. 2)

- Tighten the Flange
- Use the hex key to rotate the Flange counterclockwise until accessory is tightened securely. (See Fig. 3)

Note: For hex-interface accessories which used in prior model ERP409HTL (SKU: 84667) and most other branded accessories, the Flange must be completely removed to install accessory (See Fig. 4).

2. MOUNTING / CHANGING THE SANDING SHEET (See Fig. 5)
Align the sanding sheet and press it onto the Sanding Pad (8) by hand.
Align the holes of the Perforated Sanding Sheets (9) with the holes of the perforated Sanding Pads when used. Firmly press the power tool with the sanding sheet against a flat surface and briefly switch the power tool on. This provides for good adhesion and prevents premature wear.
If one point has become worn, pull off the sanding sheet, turn it 120° and replace.
Note: For other various brands, use small flange provided.

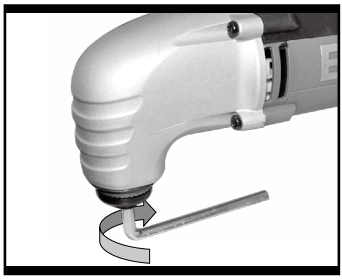


Fig. 1

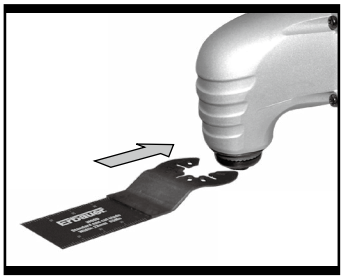


Fig. 2

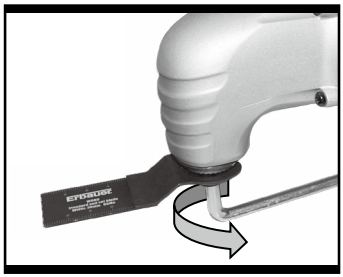


Fig. 3

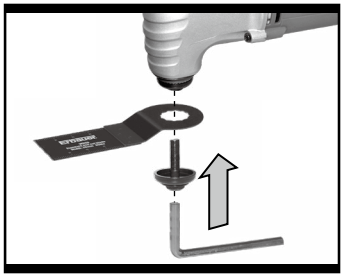


Fig. 4

Fig. 5

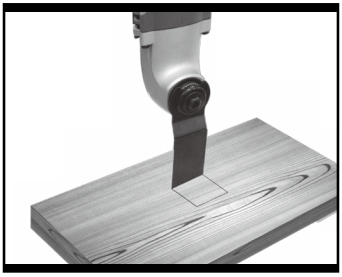


Fig. 6

3. OPERATING THE ON/OFF SWITCH
——Switching the power tool ON: Slide switch (1) forward (I).
——Switching the power tool OFF: Slide switch (1) backward (0).

4. USING THE VARIABLE SPEED CONTROL
Select oscillation frequency (speed) while the motor is running.
The Variable Speed Control (3) can be used to set the optimum oscillating frequency according to the accessories used and the respective application.
High oscillation frequency: Sanding, sawing, rasping and polishing stone and metal.
Low oscillation frequency: Polishing varnishes.

5. SECURING THE WORKPIECE
Caution: Before working with your tool make sure that no power cords will be damaged.

6. SANDING
Typical application: wood, metal; small areas, especially corners, edges and places difficult to access.
Select high oscillation frequency.
Sand with a constant movement and light pressure.
Heavy pressure does not increase the removal – the sanding sheet merely wears faster.

7. SAWING WITH THE SEMICIRCLE SAW BLADE
Typical application: wood, plastics, sheet metal.
Select high oscillation frequency.
The saw blade lasts longer if the wear is distributed evenly. To ensure an even distribution, loosen the saw blade, rotate it and retighten firmly.

8. SAWING WITH END CUT BLADE (See Fig. 6)
Warning: The sawing teeth are very sharp. Do not touch during mounting and application.
The workpiece must be inserted firmly or clamped tightly before it is cut.
Typical application: wood, plaster board, soft plastics and metal (e. g. nails).
When plunging and sawing use a slight pendulum motion, to allow sufficient chip removal.

9. SCRAPING
Typical application: Scraping off old varnish or adhesives, removing glued carpeting, e. g. on stairs or other small to medium-sized surfaces.
Select medium / high oscillation frequency.

WORKING HINTS FOR YOUR TOOL

If your power tool becomes too hot, especially when used at low speed, set the speed to maximum and run it with no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds. Always keep the blade sharp.
Always ensure the workpiece is firmly held or clamped to prevent movement.
Any movement of the material may affect the quality of the cutting or sanding finish.
Start your tool before working and turn it off only after you stop working.
Do not start sanding without having the sandpaper fitted.
Do not allow the sandpaper to wear away , it will damage the sanding pad. The guarantee does not cover sanding pad wear and tear.
Use coarse grit paper to sand rough surfaces, medium grit for smooth surfaces and fine grit for finishing surfaces.
If necessary, first make a test run on scrap material.
Excessive force will reduce the working efficiency and cause motor overload. Replacing the accessory regularly will maintain optimum working efficiency.

MAINTENANCE

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.
Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.
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.

ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. For further information visit www.recycle-more.co.uk

PLUG REPLACEMENT

The fuse in the main plug of your power tool should always be replaced with one of identical rating.

Check the voltage given on your power tool matches the supply voltage.

The power tool is supplied with a fitted plug, however if you should need to fit a new plug follows the instruction below.

IMPORTANT

The wire in the mains lead are coloured in accordance with the following code:

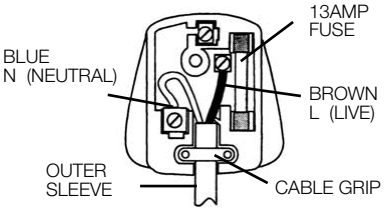
Blue ---Neutral

Brown ---Live

The wire that is coloured blue must be connected to the terminal that is marked with the letter **N**.

The wire that is coloured brown must be connected to the terminal that is marked with the letter **L**.

A 13AMP (BS1363 or BS1363/A) plug must be used and a 13AMP fuse must be fitted.



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EC DECLARATION OF CONFORMITY

We, Importer
Erbauer (UK) Ltd BA22 8RT

Declare that the product
Description: **250W MULTICUTTER**
Model: **ERB474HTL**

Complies with the following Directives,
EC Machinery Directive **2006/42/EC**
EC Low Voltage Directive **2006/95/EC**
EC Electromagnetic Compatibility Directive **2004/108/EC**
Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment **2011/65/EU**
Waste Electrical and Electronic Equipment (WEEE) **2012/19/EU**

Standards conform to:
EN 55014-1
EN 55014-2
EN 61000-3-2
EN 61000-3-3
EN 60745-1
EN 60745-2-4

Authorised Signatory and technical file holder

Date: 11/06/14

Signature: P.C. Harries

Name / title: Peter Harries / Quality Manager
Erbauer (UK) Ltd. Trade House, Mead Avenue, BA22 8RT

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