

SOVEREIGN

1450W MITRE SAW

Item No. 594455

Model No. J1X-HZ02-210K



Technical Support & Parts

01904 727509

Mon-Fri 9am-5pm Sat-Sun 11am-4pm

www.coreservice.co.uk

ORIGINAL INSTRUCTION MANUAL

Please read these instructions fully before starting assembly.

HHGL Limited, MK9 1BA; HHGL (ROI) Limited, D02 X576

Mar 21

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GENERAL SAFETY INFORMATION



WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool.

Failure to follow all instructions listed below 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 adaptor 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 a 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 these devices can reduce dust-related hazards.

- h. Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

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.
- h. Keep handles and gripping surfaces dry, clean and free from oil and grease.** Slippery handles and gripping surfaces do not allow for safe handling and control of the tool in unexpected situations.

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 INSTRUCTIONS FOR MITRE SAWS

- a. **Mitre saws are intended to cut wood or wood-like products, they cannot be used with abrasive cut-off wheels for cutting ferrous material, such as bars, rods, studs, etc.** Abrasive dust causes moving parts, such as the lower guard, to jam. Sparks from abrasive cutting will burn the lower guard, the kerf insert and other plastic parts.
- b. **Use clamps to support the workpiece whenever possible. If supporting the workpiece by hand, you must always keep your hand at least 10cm from either side of the saw blade. Do not use this saw to cut pieces that are too small to be securely clamped or held by hand.** If your hand is placed too close to the saw blade, there is an increased risk of injury from blade contact.
- c. **The workpiece must be stationary and clamped or held against both the fence and the table. Do not feed the workpiece into the blade or cut “freehand” in any way.** Unrestrained or moving workpieces could be thrown at high speeds, causing injury.
- d. **Push the saw through the workpiece. Do not pull the saw through the workpiece. To make a cut, raise the saw head and pull it out over the workpiece without cutting; start the motor, press the saw head down and push the saw through the workpiece.** Cutting on the pull stroke is likely to cause the saw blade to climb on top of the workpiece and violently throw the blade assembly towards the operator.

- e. **Never cross your hand over the intended line of cutting either in front or behind the saw blade.** Supporting the workpiece “cross handed” i.e. holding the workpiece to the right of the saw blade with your left hand or vice versa is very dangerous.
- f. **Do not reach behind the fence with either hand closer than 100mm from either side of the saw blade, to remove wood scraps, or for any other reason while the blade is spinning.** The proximity of the spinning saw blade to your hand may not be obvious and you may be seriously injured.
- g. **Inspect your workpiece before cutting. If the workpiece is bowed or warped, clamp it with the outside bowed face towards the fence. Always make certain that there is no gap between the workpiece, fence and table along the line of the cut.** Bent or warped workpieces can twist or shift and may cause binding on the spinning saw blade while cutting. There should be no nails or foreign objects in the workpiece.
- h. **Do not use the saw until the table is clear of all tools, wood scraps, etc., except for the workpiece.** Small debris or loose pieces of wood or other objects that contact the revolving blade can be thrown at high speed.
- i. **Cut only one workpiece at a time.** Stacked multiple workpieces cannot be adequately clamped or braced and may bind on the blade or shift during cutting.

- j. Ensure the mitre saw is mounted or placed on a level, firm work surface before use.** A level and firm work surface reduces the risk of the mitre saw becoming unstable.
- k. Plan your work. Every time you change the bevel or mitre angle setting, make sure the adjustable fence is set correctly to support the workpiece and will not interfere with the blade or the guarding system.** Without turning the tool "ON" and with no workpiece on the table, move the saw blade through a complete simulated cut to assure there will be no interference or danger of cutting the fence.
- l. Provide adequate support such as table extensions, saw horses, etc., for a workpiece that is wider or longer than the table top.** Workpieces longer or wider than the mitre saw table can tip if not securely supported. If the cut-off piece or workpiece tips, it can lift the lower guard or be thrown by the spinning blade.
- m. Do not use another person as a substitute for a table extension or as additional support.** Unstable support for the workpiece can cause the blade to bind or the workpiece to shift during the cutting operation, pulling you and the helper into the spinning blade.
- n. The cut-off piece must not be jammed or pressed by any means against the spinning saw blade.** If confirmed, i.e. using length stops, the cut-off piece could get wedged against the blade and thrown violently.

- o. Always use a clamp or a fixture designed to properly support round materials, such as rods or tubing.** Rods have a tendency to roll while being cut, causing the blade to “bite” and pull the work with your hand into the blade.
- p. Let the blade reach full speed before contacting the workpiece.** This will reduce the risk of the workpiece being thrown.
- q. If the workpiece or blade becomes jammed, turn the mitre saw off. Wait for all moving parts to stop and disconnect the plug from the power source and/or remove the battery pack. Then work to free the jammed material.** Continued sawing with a jammed workpiece could cause loss of control or damage to the mitre saw.
- r. After finishing the cut, release the switch, hold the saw head down and wait for the blade to stop before removing the cut-off piece.** Reaching with your hand near the coasting blade is dangerous.
- s. Hold the handle firmly when making an incomplete cut or when releasing the switch before the saw head is completely in the down position.** The braking action of the saw may cause the saw head to be suddenly pulled downward, causing a risk of injury.

BLADE SAFETY



WARNING! Rotating saw blades are extremely dangerous and can cause serious injury and amputation. Always keep fingers and hands at least 150mm (6") away from the blade at all times. Never attempt to retrieve sawn material until the cutting head is in the raised position, the guard is fully closed and the saw blade has stopped rotating. Only use saw blades that are recommended by the manufacturer and as detailed in this manual and that comply with the requirements of EN 847-1.

- a) Only use the manufactured blades rated for this machine.
- b) Do not use saw blades that are damaged or deformed, as they could shatter and cause serious injury to the operator or bystanders.
- c) If the table insert becomes damaged or worn, it must be replaced with an identical one available from the manufacturer.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Hearing protection should be worn in order to reduce the risk of induced hearing loss.

Eye protection should be worn in order to prevent the possibility of the loss of sight from ejected chippings.

Respiratory protection is also advised, as some wood and wood-type products especially MDF (Medium Density Fibreboard) can produce dust that can be hazardous to your health. We recommend the use of an approved face mask with replaceable filters when using this machine in addition to using the dust extraction facility.

Gloves should be worn when handling blades or rough material. It is recommended that saw blades should be carried in a holder, wherever practicable. It is not advisable to wear gloves when operating the mitre saw.

OPERATION SAFETY

- a. Use only saw blades recommended by the manufacturer for wood and analogous materials.**
- b. Pay attention to the cutting capacities mentioned in the technical data.**
- c. Pay attention to the maximum bevel angle and mitre angle settings mentioned in the technical data.**
- d. Use only a saw blade diameter in accordance with the markings on the saw and information about the bore diameter and the maximum kerf of the saw blade.**
- e. Use only saw blades that are marked with a speed equal or higher than the speed marked on the tool.**

- f. During the blade changing procedure, the rotation direction arrow on the saw blade should comply with the one on the upper fixed blade guard.**
- g. Pay attention to the setting device(s) and the locking device(s) for the mitre angle and bevel angle mentioned in the controls.**
- h. Turn the lower retractable blade guard by hand to test if it is rotating smoothly.**
- i. Pay attention to how to connect the dust extraction systems mentioned in the assembly.**
- j. Pay attention to the cutting sequence mentioned in the operation.**
- k. Pay attention to the cutting depth for non-through cuts mentioned in the controls.**
- l. Ensure that the mitre saw is always stable and secure.**
- m. Always fix and use the extension supporter during operation.**
- n. Use additional supports if needed to ensure the stability of the workpiece.**
- o. The power tool shall not be wet or applied in a wet environment.**
- p. Check the product, its power cord and plug, as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.**
- q. Double check that the accessories and attachments are properly fixed.**

- r. **Always hold the product by its handle.** Keep the handle dry to ensure safe support.
- s. **Ensure that the air vents are always unobstructed and clear.** If necessary, clean them with a soft brush. Blocked air vents may lead to overheating and damage the product.
- t. **Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.**
- u. **Do not overwork yourself.** Take regular breaks to ensure you can concentrate on the work and have full control over the product.

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 attachments or the sudden impact of hidden objects during use.
3. Danger of injury and property damage caused by flying objects or poor power tool accessories.

WARNING SYMBOLS



Warning!



Read the instructions



Wear ear protection



Wear eye protection



Wear a dust mask



Class II tool



The product complies with the applicable European directives, and an evaluation method of conformity for these directives was done.



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

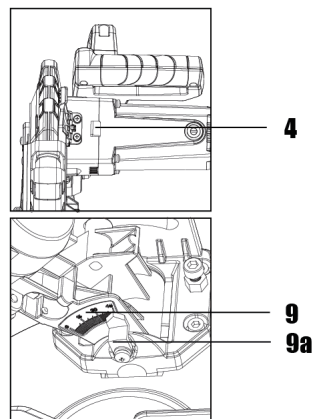
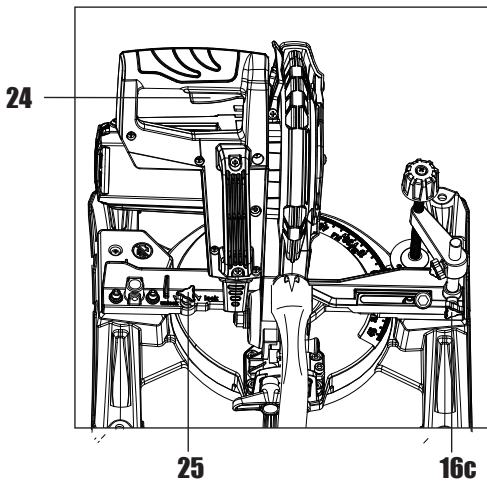
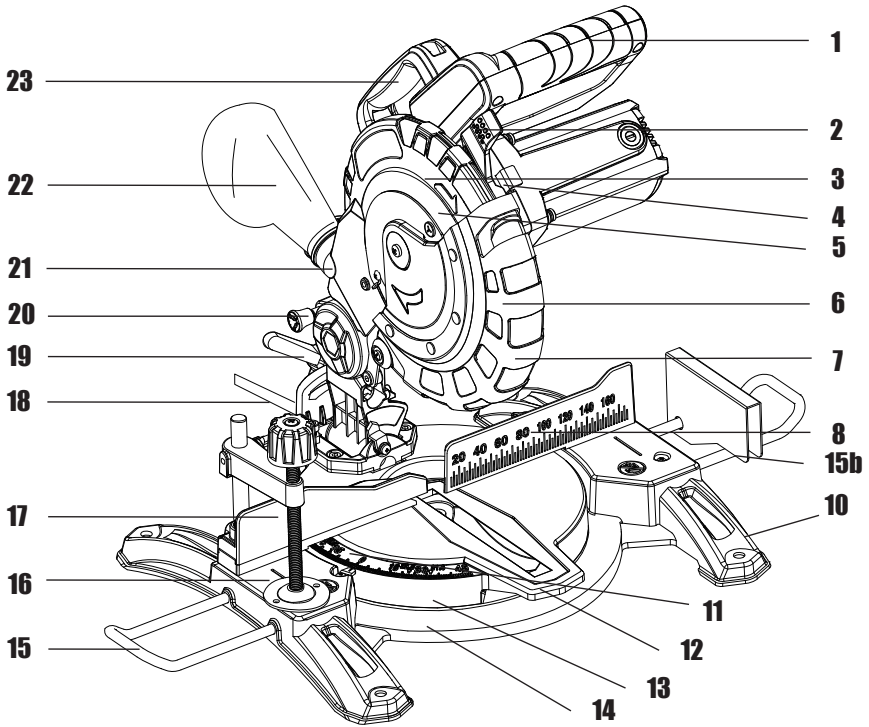


Do not touch, danger area! Keep hands, fingers and arms from this area.



The product complies with the applicable UK directives, and an evaluation method of conformity for these directives was followed.

IN THE BOX



Descriptions

1. Operating handle
2. Retractable blade guard release lever
3. Upper fixed blade guard
4. Spindle lock button
5. Guard mounting plate
6. Lower retractable blade guard
7. Saw blade
8. Fence
9. Bevel scale
 - a. scale indicator
10. Mounting hole
11. Mitre scale
12. Table insert
13. Turntable
14. Base
15. Support assembly
 - b. Support extension
16. Screw clamp
 - c. Height adjustment pillar
17. Fence extension
18. Power cord with plug
19. Bevel locking mechanism
20. Locking bolt
21. Chip ejector opening
22. Chip collection bag
23. Transport handle
24. On/off switch
25. Turntable locking knob

ASSEMBLY



Warning! Avoid starting the mitre saw unintentionally. Always disconnect the mains plug from the power supply before assembly or when carrying out any kind of work on your mitre saw.

1. ASSEMBLE THE TRANSPORT HANDLE

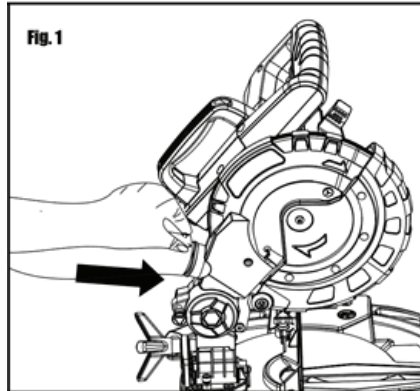
Align the mounting holes and assemble the transport handle (23). Secure the transport handle (23) in position with the screws.

2. DUST EXTRACTION PORT (SEE FIG. 1)

To reduce buildup of saw dust and maintain the cutting efficiency, saw dust collection can be achieved by connecting a vacuum dust collector or cleaner to the dust extraction port. Alternatively, a dust bag is provided for use on your mitre saw. To install it, hold the dust bag by depressing both sides of the metal ring clip, locate onto the dust extraction port, then you can loosen the ring clip. Ensure the dust bag is securely fastened before operating the saw.

To empty the dust bag, remove it from the dust extraction port, and open the dust bag by unzipping the slide fastener.

NOTE: To ensure optimal dust collecting, empty the dust bag when it becomes filled to approximately 2/3 of its capacity.



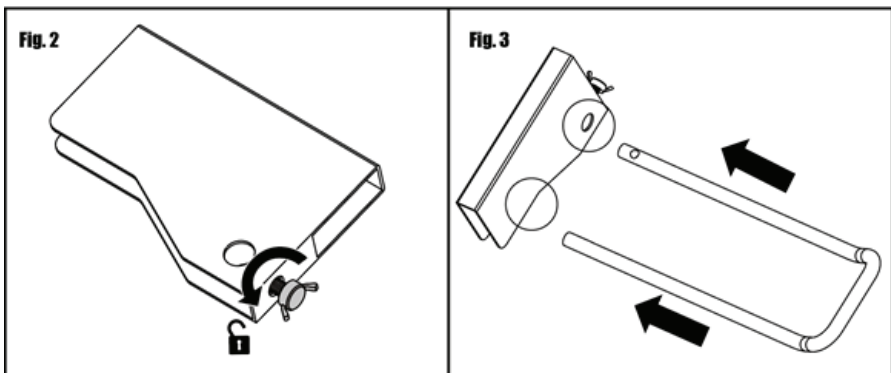
3. SIDE TABLE EXTENSIONS (SEE FIG. 2-7)

Long workpieces require extra supports. The supports should be placed along the workpiece so it does not sag. The support should allow the workpiece to lay flat on the base of the saw and work table during the cutting operation. Use the work clamp to secure the workpiece.

This mitre saw is provided with extension bars for both sides, and a brace for only one side. To install the side extension bars (left & right) and the brace, follow the below instructions:

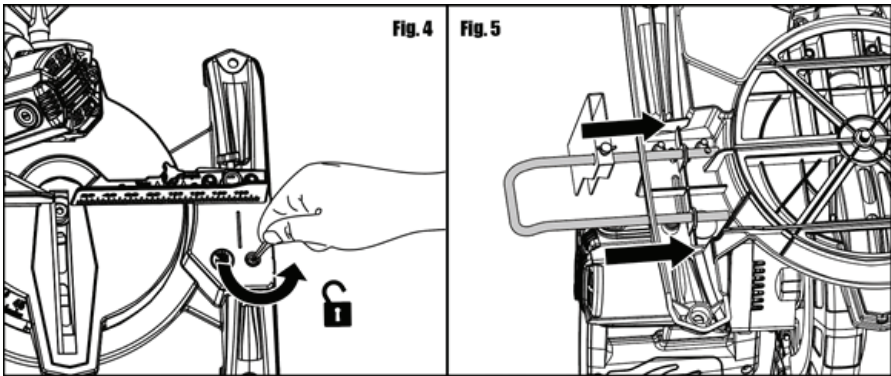
1) Loosen the screw on the side of the brace by turning it anti-clockwise. (See Fig. 2)

2) Attach the extension bar with the brace, as shown in Fig. 3. Insert one end of the rail into the hole of the brace, the other end into the notch of the brace.



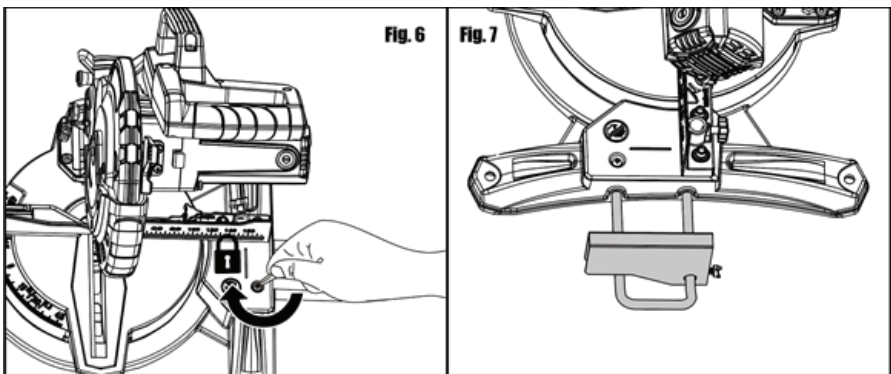
3) Loosen and remove the screw on the corner of the base plate using a screwdriver. (See Fig. 4)

4) Invert the mitre saw for better visibility. Align and insert the 2 ends of the extension bar into the 2 holes at the edge of the base plate. Slide the extension bar in as far as they will go through the holes provided in the base plate. Screw the cross-head screws into the threaded holes provided in the extension bar. (See Fig. 5)



5) Re-tighten the screw on the corner of the base plate using a screwdriver to secure the extension bar. (See Fig. 6)

6) Position the brace upright, as shown in Fig. 7.

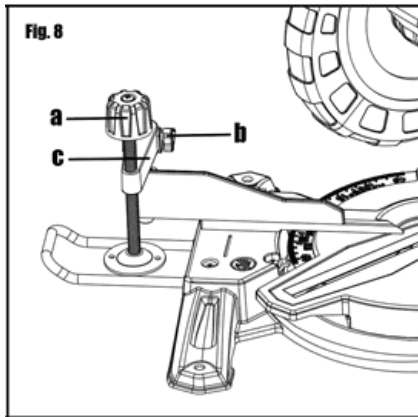


7) Repeat steps 3 to 5 for the opposite extension bar without the brace.

4. WORK CLAMP (SEE FIG. 8)

When cutting workpieces, they should always be clamped with a work clamp. The work clamp can be fitted on either side of the saw and is fully adjustable to suit the size of the workpiece.

To install the work clamp, just insert it into the hole located at rear of the fence on either side of the base plate. The work clamp lock knob is used to secure the work clamp on the base plate. Adjustment knob (a) is used to adjust the height of the rail (c). Adjustment knob (b) is used to lock the workpieces.



NOTE:

- Do not operate the saw without clamping the workpiece.
- Make sure that the work clamp securing screws are tightened.

5. MOUNTING BOLT (SEE FIG. 9)

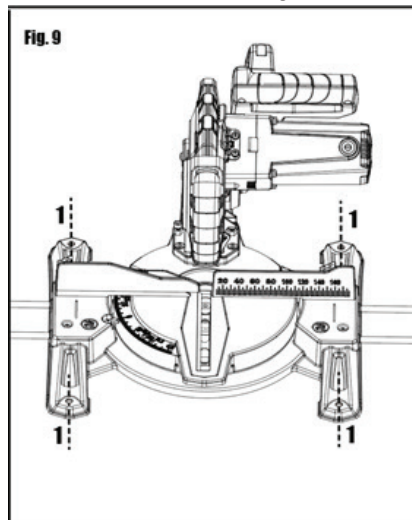
Before use, the mitre saw can be fixed to a firm, level and stable supporting surface, such as a workbench.

Four mounting holes have been provided in the base plate for this purpose. Each of these four mounting holes should be securely bolted using an appropriate machine bolt with suitable lock washer and hex nut (not supplied).

To mount the saw, proceed as follows:

- 1) Locate and mark where the saw is to be mounted.
- 2) Drill 4 holes through the surface.
- 3) Place the sliding mitre saw on the surface aligning holes in the base with holes drilled in the surface.
- 4) Install and tighten the bolts, washers and hex nuts. Carefully check the workbench after mounting the saw to make sure that no movement can occur during use. If any tipping, sliding or walking is noted, secure the workbench to the floor before operating.

NOTE: The saw can be used without the need to mount. However, if you will be using the saw for a long period of time, we advise that it is mounted securely.

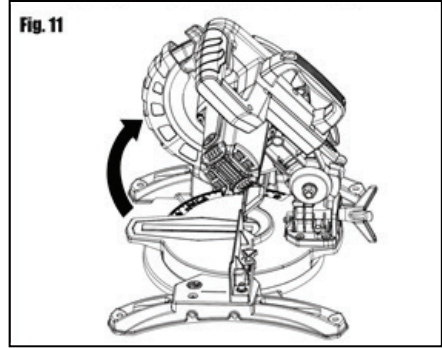
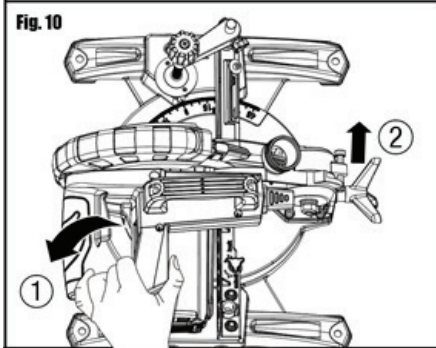


BEFORE OPERATION

1. RELEASE KNOB (SEE FIG. 10, 11)



Warning: Avoid starting the power tool unintentionally. Always disconnect the mains plug from the power supply before assembly or when carrying out any kind of work on the power tool.



NOTE: Always use the support assembly during operation to ensure the stability of the workpiece.

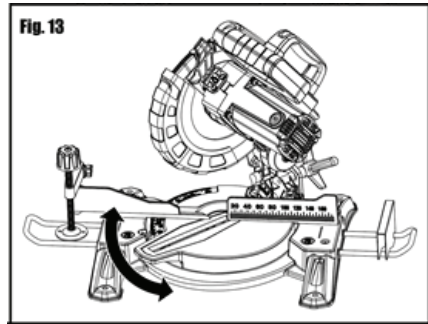
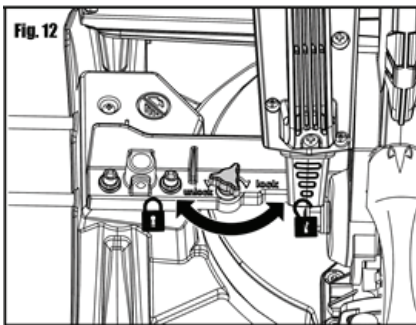
The release knob is provided for holding the saw head down while transporting or storing the mitre saw. When boxed, during storage or transportation, ensure the saw head is locked in the down position. To release the head ready for operation, apply downward pressure on the operating handle, pull out the release knob and allow the head to rise to the upper position (Fig. 10 and Fig. 11).

To lock the saw head down for transportation, push the lower blade lock lever outwards a little and lay down the saw head by pressing the operating handle downwards to its lowest position. Then push the release knob into its original place to lock the saw head in the lowest position.

NOTE: The saw must never be used with the release knob locking the head down.

2. MITRE TABLE LOCK (SEE FIG. 12, 13)

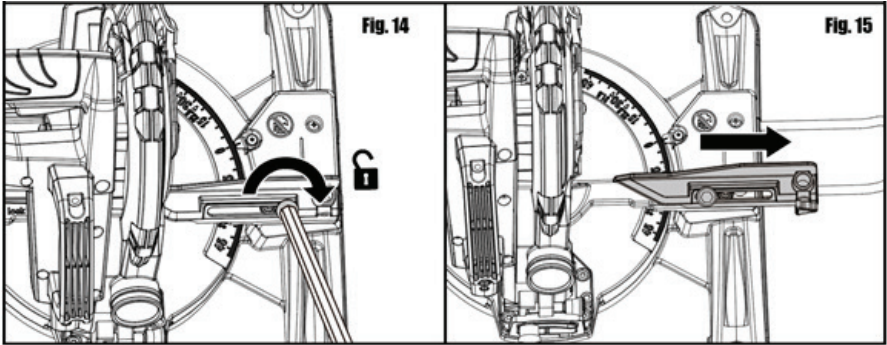
The mitre saw cuts from 0° to 45° only in the left side (the saw blade is facing to the operator). To adjust the mitre angle, first loosen the mitre table lock knob by turning it anti-clockwise. Then hold the rotating mitre table handle and move the handle to the left in order to adjust the rotating mitre table to a desired angle. Align the pointer with the mitre angle scale marked on the table. After that, tighten the mitre table lock knob by turning it clockwise to lock the mitre table in the required mitre angle. The rotating mitre table features positive click stops at 0°, 15°, 22.5°, 30° and 45° for quick setting of common mitre angles.



3. BEVEL LOCK (SEE FIG. 14, 15, 16, 17)

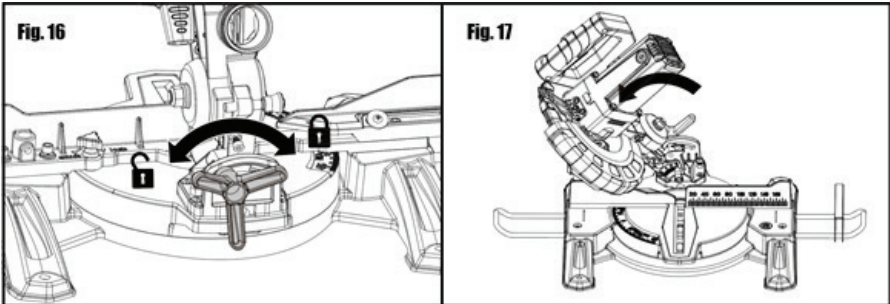
The bevel lock is used to set the blade at the desired bevel angle. The mitre saw bevel cuts from 0° to 45° to the left (the saw blade is facing to the operator). To adjust the bevel angle, follow the steps below:

- 1) Loosen the locking bolt (d) using the M5 hex key provided, located on the extended fence for bevel cutting. Pull the extended fence outwards to its farthest position. (See Fig. 14,15). Tighten the locking bolt again to lock the fence.

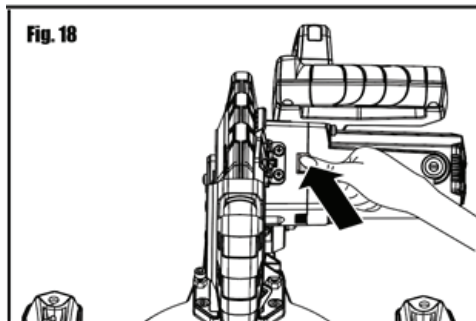


2) Loosen the bevel lock knob by turning it anti-clockwise then move the saw head to the left (the saw blade is facing to the operator) to a desired bevel angle (between 0° and 45°). Tighten the bevel lock knob by turning it clockwise. (See Fig. 16,17)

NOTE: Assemble the work clamp on the right side before adjusting into bevel cut mode.



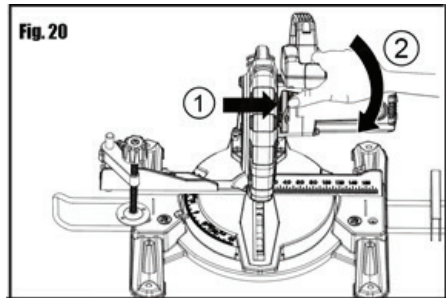
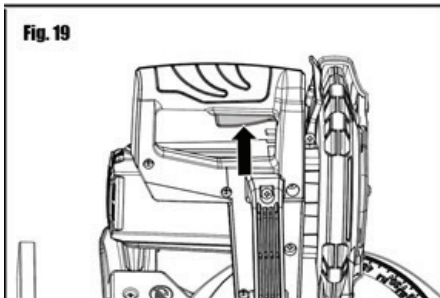
4. SPINDLE LOCK BUTTON (SEE FIG. 18)



OPERATION

1. STARTING THE SAW (SEE FIG. 19, 20)

- 1) Push the lower blade lock lever outwards a little, and hold it so that the lock lever is far away from the upper fixed guard and the lower rotating guard can rotate upwards. Then press down the saw head by holding the operating handle.
- 2) Squeeze the on/off switch to turn on the saw and allow the blade to reach full operational speed.
- 4) Gently but firmly lower the saw head and allow the blade to cut through the workpiece.
- 5) When the cut has been completed, hold the saw head in the down position and release the on/off switch.
- 6) Let the blade stop completely before allowing the saw head to rise to its upper position.
- 7) Remove your hand from the operating handle only when the saw head is raised, the blade is stationary and the lower blade guard is covering the blade.



2. CROSS CUT (SEE FIG. 21)

A cross cut is made by cutting across the grain of the workpiece. A 90° crosscut is made with the mitre table set at 0°.

- 1) Connect the machine to power outlet ensure that the mains cable is clear of the blade and base plate.

2) Position the material to be cut on the rotating mitre table with one edge securely against the fence; ensure it is firmly clamped with the work clamp so that it will not move during cutting.

NOTE: Ensure that the bevel lock knob is tightened before cutting.

3) Before turning on the saw, perform a dry run of the cutting operation just to make sure that no problems will occur when the cut is made.

4) Hold the operating handle firmly when squeezing the on/off switch. Allow several seconds for the blade to reach maximum speed.

5) Press and hold the on/off switch, slowly lower the saw head and blade into and through the workpiece. Continue to move the saw head down smoothly and make the cut exerting only light pressure on the downward stroke, letting the saw do the work.

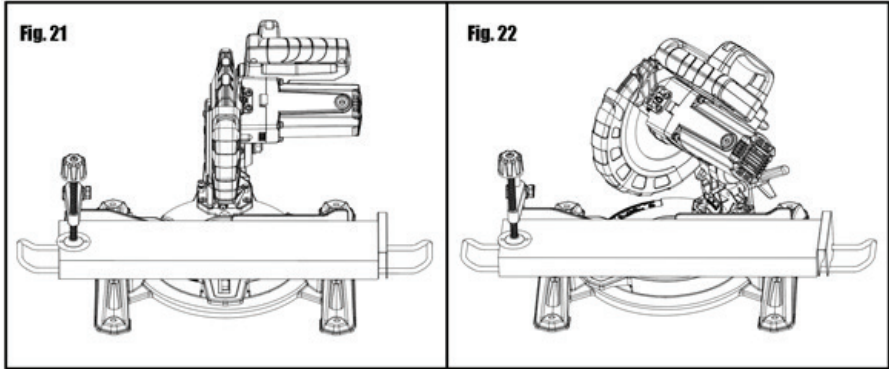
6) Release the on/off switch. Allow the saw blade to stop rotating BEFORE raising the blade out of the workpiece. Wait until the blade stops before removing the workpiece.

3. MITRE CUT (SEE FIG. 22)

A mitre cut is made at 0° bevel and any mitre angle in the range from 0° to 45° left (the saw blade is facing to the operator).

To adjust the mitre angle, refer to MITRE TABLE LOCK section in the BEFORE OPERATION section.

After setting the required mitre angle, follow the procedures for a cross cut.



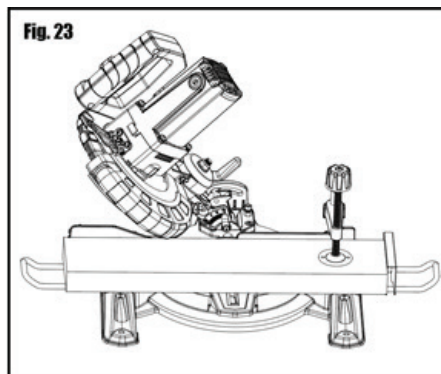
4. BEVEL CUT (SEE FIG. 23)

A bevel cut is made at 0° mitre and any bevel angle in the range of 0° to 45° left (the saw blade is facing to the operator).

The saw can be moved from the normal 0° perpendicular position to an angled position down to 45° from the horizontal, on the left only.

The bevel lock is used to set the blade at the desired bevel angle. To adjust the bevel angle, refer to BEVEL LOCK section in the BEFORE OPERATION section.

After setting the required bevel angle, follow the procedures for a cross cut.

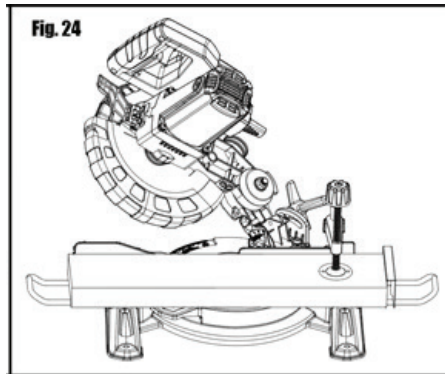


5. COMPOUND CUT (SEE FIG. 24)

A compound mitre cut is a cut made using a mitre angle and a bevel angle at the same time. This type of cut is used for moldings, picture frames, and boxes with sloping sides. Always make a test cut on a piece of scrap wood before cutting into the good material.

Set the mitre angle and bevel angle refer to MITRE TABLE LOCK section and BEVEL LOCK section in the BEFORE OPERATION section.

After setting the required mitre and bevel angle, follow the procedures for a cross cut.



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

6. PRECISION SETTING OF ANGLES (SEE FIG. 25-28)

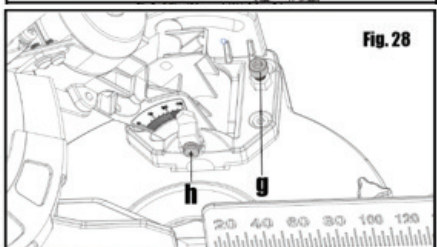
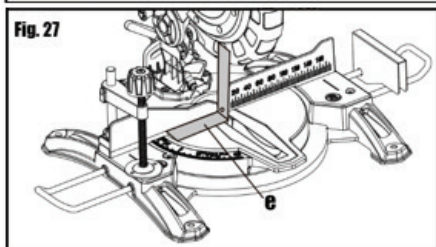
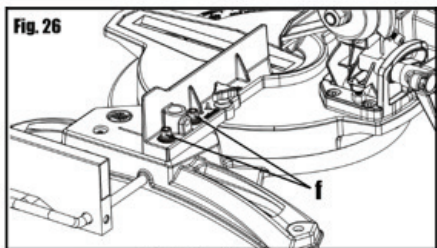
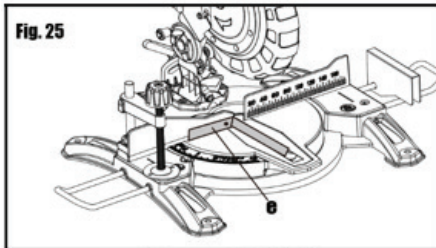
While the machine has been factory set, it is advisable that the 0° setting of the rotary table and the 90° perpendicular setting of the tilt be checked, as these positions may have moved in transit.

To confirm the 0° rotating mitre table setting, set the rotating mitre table at 0° and tighten the mitre table lock latch. Check that the angle between the straight guide and the blade is 90° using a tri-square (e) (not supplied), as shown in Fig. 25. If the angle requires adjustment, loosen the locking bolts (f) for a straight guide, and align the fence against the tri-square.

Re-tighten the locking bolts (f) for a straight guide.

Similarly, check that the angle of the blade to the face of the rotary table is 90°. If necessary, adjust the tilt angle of the saw head at the 90° position: loosen the bevel lock lever and adjust the 0° bevel adjustment screw (g) to bring the saw blade into alignment with the square.

Loosen the head screw (h) holding the pointer of the bevel scale and adjust the position of the pointer so that it accurately indicates zero on the scale. Retighten the head screw (h). Retighten the bevel lock lever and the 0° bevel adjustment screw (g).



7. CHANGING THE SAW BLADE (SEE FIG. 29-32)



WARNING! To prevent personal injury, always disconnect the plug from power source before assembling parts, making adjustments or changing blades.

- 1) Unplug the saw from the power supply.
- 2) Release and raise the saw head to its fully raised position. Caution, the lower blade guide is spring loaded.
- 3) Loosen and remove the screw (i) from the lower left of the upper fixed guard, as shown in Fig. 29.
- 4) Push the lower blade lock lever outwards a little and hold it, then rotate the lower rotating guard together with the blade bolt cover anti-clockwise until the blade bolt appears. (See Fig. 30)
- 5) Depress the spindle lock button and rotate the saw blade with an anti-clockwise direction until the spindle lock button engages and the saw blade cannot rotate. (See Fig. 31)
- 6) Use the M8 hex key provided to loosen and remove the blade bolt by turning it clockwise. Remove the outer flange, and the saw blade. DO NOT remove the inner flange.
- 7) Wipe a drop of oil onto the inner flange and the outer flange where they come in contact with the blade.



WARNING! If the inner flange has been removed, reposition it BEFORE placing the blade on the spindle. Failure to do so could cause an accident because the blade will not tighten properly.



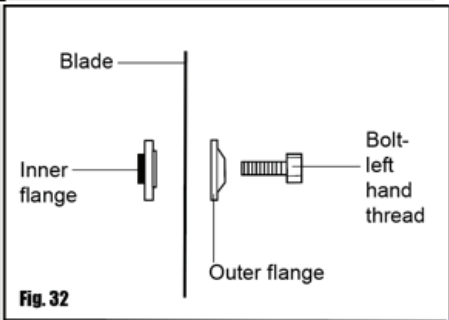
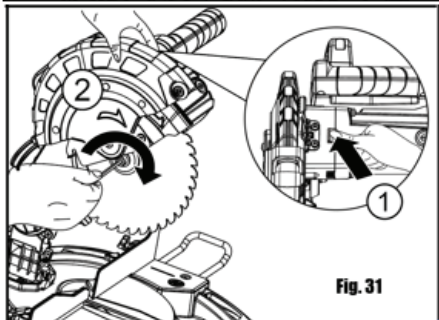
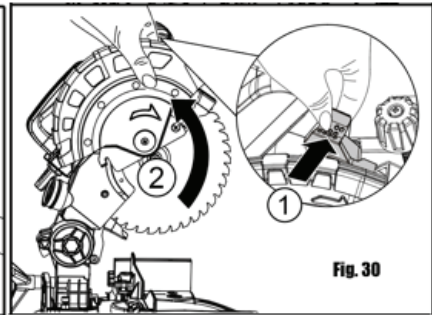
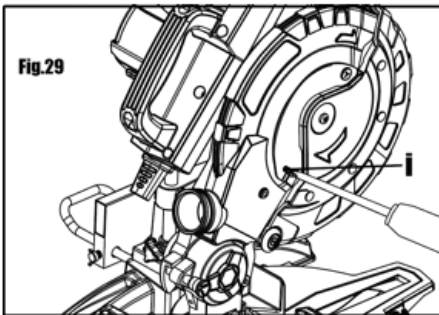
CAUTION: ALWAYS install the blade with the blade teeth and the arrow printed on the side of the blade pointing down at the front of the saw.

The direction of blade rotation is also stamped with an arrow on the lower blade guard.



WARNING! To prevent damage to the spindle lock, always allow the motor to come to a complete stop before engaging the spindle lock. Always make sure the spindle lock is disengaged before reconnecting saw to the power source.

- 8) Fit the new blade onto the spindle taking care that the inner flange sits behind the saw blade. (See Fig. 32)
- 9) Reposition the outer flange.
- 10) Depress the spindle lock button and reposition the blade bolt.
- 11) Use the supplied M8 hex key to tighten the blade bolt securely (tighten in an anti-clockwise direction).
- 12) Re-tighten the screw (i).
- 13) Check that the blade guard operates correctly and covers the blade as the operating handle is lowered.
- 14) Connect the saw to the power supply and run the blade to make certain that it is operating correctly.



MAINTENANCE AND STORAGE




IMPORTANT:

Make sure that the tool has been thoroughly cleaned before storing it in a clean, dry and safe place, out of the reach of children.

1. Switch the product 'OFF' and disconnect it from the power supply before transporting it anywhere.
2. Always carry the product on its gripping surfaces.
3. Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
4. Secure the product to prevent it from slipping or falling over.

TECHNICAL DATA

Model	J1X-HZ02-210K
Voltage/power	230V-240V~ 50Hz /1450W
No-load speed	5000rpm
Cutting capacity (mm)	mitre 0°~Bevel 90°:120×60 mitre±45°~Bevel 90°:85×60 mitre 0°~Bevel 45°:120×34 mitre±45°~Bevel 45°:85×34
Blade size	Φ210mm×Φ30mm×2.8mm×40T
Protection class	II / 
Weight	7.2kg
Noise data	
A weighted sound pressure (L_{pA})	97 dB(A), k=3dB(A)
A weighted sound power (L_{wA})	110 dB(A), k=3dB(A)

The sound intensity level for the operator may exceed 80 dB(A) and ear protection measures are necessary.

RECYCLING AND DISPOSAL



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

UK PLUG

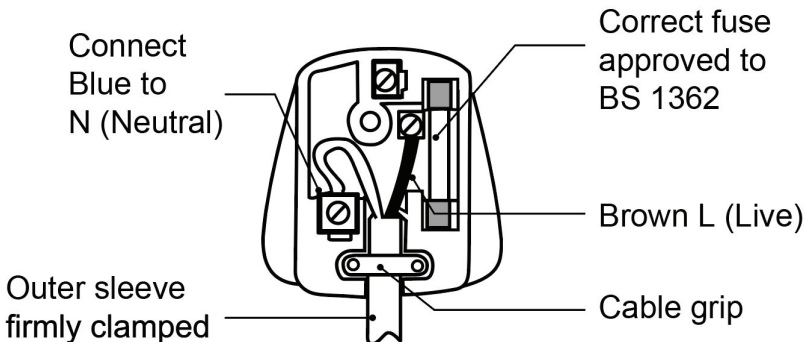
If you need to replace the fitted plug then follow the instructions below.

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code: Blue-Neutral, Brown-Live



WARNING! Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved 13Amp BS1363/A plug and the correct rated fuse.

As the colours of the wire in the mains lead of this product may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The blue wire must be connected to the terminal marked N or coloured black. The brown wire must be connected to the terminal marked L or coloured red.



GETTING HELP

Our dedicated UK-based customer helpline is open 7 days a week to assist you with assembly, parts queries and technical support. We are open during office hours but you can always send an email via **support@coreservice.co.uk**. Our experts are here to get you back enjoying your garden in no time.

For useful assembly, starting and maintenance videos, and ordering spares, please visit **www.coreservice.co.uk**.

Calling our service does not affect your statutory rights.

WARRANTY

This product is covered by a 1 year warranty.

The warranty covers any manufacturing defect in materials, workmanship and finish.

Any claim under this warranty must be made by going to your nearest Homebase store, taking your proof of purchase with you, and claims must be made within 12 months of the date of purchase.

We will offer you a free repair of the item where this is possible, or a replacement or a refund. Your statutory rights remain unaffected, in particular any rights you may have under the Consumer Rights Act 2015.

This warranty is given by HHGL Limited, MK9 1BA; HHGL (ROI) Limited, D02 X576.

Please note: This warranty does not apply to products misused or neglected and only covers domestic use. It does not apply to commercial use of the product. In addition, the warranty will be void for the following reasons: Any damage resulting from product misuse or product neglect.