

*challenge*  
**xtreme**  
READY FOR THE CHALLENGE

**800W JIGSAW  
WITH LASER**



**M1Q-DD4-80  
ORIGINAL INSTRUCTIONS**

## INTRODUCTION

**Thank you for purchasing a CHALLENGE XTREME 800W jigsaw. We would like you to be completely satisfied with your new product and hope you get many years of satisfaction out of this tool.**

Your M1Q-DD4-80 Jigsaw is suitable for making straight, curved and miter cuts on squared work pieces made of plastic, wood and metal. The tool is approved solely for private use in dry areas. Please observe the notes relating to the types of saw blade. Any other use or modification of the tool constitutes improper use and can pose a serious risk of accident. The manufacturer is not liable for damage caused by improper use of the tool.

## GENERAL POWER TOOL SAFETY WARNINGS



### WARNING!

**Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.** The term "power tool" in the warnings refers to your mains-operated jigsaw

### 1) Work area safety

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **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.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### 2) Electrical safety

- **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.
- **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.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **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 and moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **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.
- **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

- **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.

## ORIGINAL INSTRUCTIONS

- **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.
- **Prevent unintentional operation of the device. Ensure the switch is in the off-position before connecting to power source, 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.
- **Remove any adjusting tools e.g. allen keys before turning the power tool on.** A wrench or a key left attached to a moving part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **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.
- **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.
- **Do not use the power tool if the On/Off switch does not work!** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source before making any adjustments, changing accessories , or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **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.
- **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.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **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.

#### 4) Power tool use and care

- **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.

#### 5) Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.**

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This will ensure that the safety of the power tool is maintained.

### **ADDITIONAL SAFETY RULES FOR YOUR JIGSAW**

- Securely support the work piece. Use clamps or a vice to grip the work piece firmly. This is much safer than holding it in your hand.
- Always switch on the electric power tool before placing it against the work piece. There is a risk of kickback.
- Hold the power tool by the insulated gripping surfaces when performing an operation where the insert tool may contact hidden wiring or its own cord. Contact with a "live" wire can make metal parts of the tool "live" and shock the operator. Do not drill, fasten or break into existing walls or other blind areas where electrical wiring may exist. If this situation is unavoidable, disconnect all fuses or circuit breakers feeding the worksite.
- Never leave the trigger locked "ON". Before plugging the tool in, check that the trigger lock is "OFF". Accidental start-ups can cause injury.
- Keep your hands away from the area of the saw blade. Do not grip the underside of the work piece. Contact with the saw blade may result in the risk of injury.
- Make sure that the base plate ( 9 ) lies on the work piece when sawing and is set to the desired angle.
- If a dangerous situation arises, immediately remove the plug from the mains socket.
- Always work with the mains lead leading away from the rear of the device.

- Do not use blunt or damaged blades. Bent blades can break easily or cause kickback.
- When removing the blade from the tool avoid contact with the skin and use proper protective gloves when touching the blade or accessory.

***Accessories may become hot after prolonged use.***



### **CAUTION!**

**Noxious fumes!** Working with harmful / noxious dusts represents a risk to the health of the person operating the device and to anyone near the work area. Do not saw materials containing asbestos. Asbestos is a known carcinogen.

### ***Wear protective glasses and a dust mask!***

Do not saw materials containing substances harmful to health.

- When sawing wood and in particular when working on materials that give rise to dusts that are hazardous to health, the device must be connected to a suitable dust extraction device.
- Make sure you have adequate ventilation.
- Do not work on moistened materials or damp surfaces.
- Switch off the electrical power tool after completing each stage of work but do not withdraw the saw blade from the cut until after it has come to a standstill.
- Use only undamaged, defect-free saw blades. Distorted or blunt saw blades can break or cause a kickback.
- Always keep the device clean, dry and free of oil or grease.

## Safety warnings for lasers

**This power tool produces class 2 laser beams according to**

**IEC EN 60825-1.** Directly looking into the laser beam – particularly with magnifying devices such as binoculars – can damage the eyes.

Protect yourself and your environment from accidents with suitable precautionary measures.

- Do not look directly into the laser beam without eye protection.
- Never look directly in the beam path.
- Never direct the laser towards reflective surfaces, persons or animals. Even a low-powered laser beam can cause damage to the eyes.
- Caution – following procedures that differ from those stated here can lead to a dangerous exposure to radiation.
- Never open the laser line guide.



**Wave length 650nm**  
**Power max. < 1mW**

## SYMBOLS



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



Warning



Wear eye protection



Wear ear protection



Wear dust mask

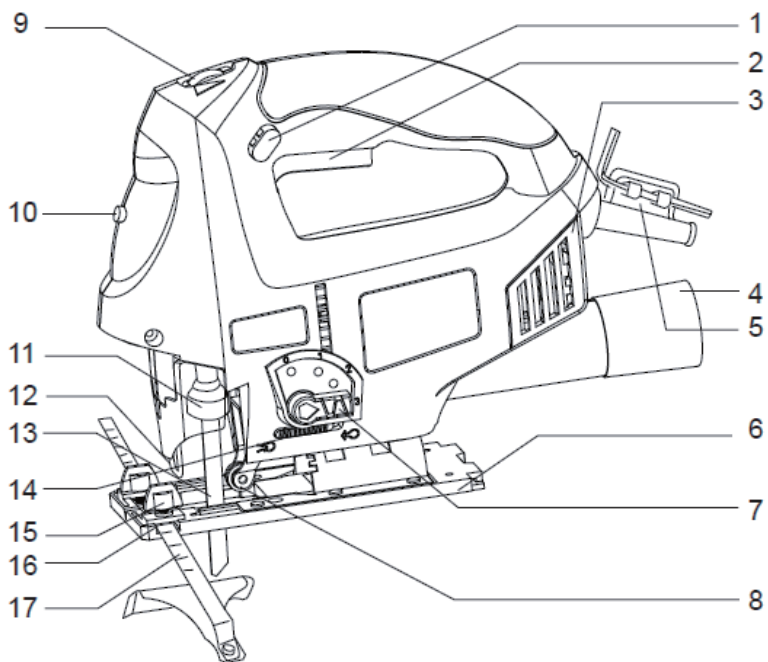


Double insulation



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.

Pic A



## **COMPONENT LIST**

- |   |                             |    |                                      |
|---|-----------------------------|----|--------------------------------------|
| 1 | Lock button                 | 10 | Laser/ light switch                  |
| 2 | Trigger switch              | 11 | Quick-action chuck                   |
| 3 | Ventilation openings        | 12 | Safety Guard                         |
| 4 | Dust port                   | 13 | Saw blade                            |
| 5 | Allan key holder            | 14 | Switch for sawdust extraction device |
| 6 | Base plate                  | 15 | Locking screws for parallel guide    |
| 7 | Pendulum action switch      | 16 | Guide holes for parallel guide       |
| 8 | Guide roller                | 17 | Parallel Guide                       |
| 9 | Variable speed control dial |    |                                      |

## **CHECK THE DELIVERY PARTS**

Carefully remove the machine from its packaging and check as the following parts are complete:


- Jig saw
- 2 x Saw blades
- Dust port
- Allan key
- Parallel Guide
- Operating instructions

If any parts are missing or damaged, please contact your dealer.

**TECHNICAL DATA**

Voltage	230-240V~50Hz
Power	800W
Rated speed	0-3000/min
Max. cutting capacity	
Wood	80mm
Steel	8mm
Bevel capacity	±45°
Pedulum position	4
Protection class	□ / II

**NOISE INFORMATION**

A weighted sound pressure	94dB(A)
A weighted sound power	105dB(A)
K <sub>PA</sub> & K <sub>WA</sub>	3dB(A)
Wear ear protection when sound pressure is over	80dB(A) 

**VIBRATION INFORMATION**

Vibration total values (triax vector sum) determined according to EN 60745:	
Vibration Information	Vibration emission value $a_{h,cw} = 8.26 \text{ m/s}^2$
	Uncertainty $K = 1.5 \text{ m/s}^2$

***The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another. The declared vibration total value may also be used in a preliminary assessment of exposure.***



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**WARNING:** The vibration emission value during actual use of the power tool can differ from the declared value depending on a number of variables including

How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained.

To use the correct accessory for the tool and ensuring it is sharp and in good condition.

And the tool is being used as intended by its design and these instructions.

***This tool may cause hand-arm vibration syndrome if its use is not adequately managed.***



**WARNING:** To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Helping to minimize your vibration exposure risk.

ALWAYS use sharp blades.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).

If the tool is to be used regularly then invest in anti vibration accessories.

Avoid using tools in temperatures of 10°C or less.

Plan your work schedule to spread any high vibration tool use across a number of days.

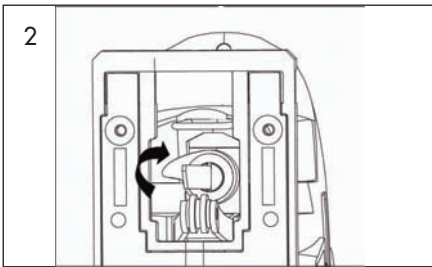
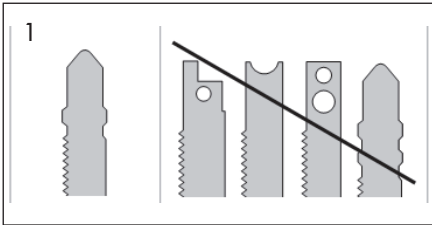
## ASSEMBLY



**CAUTION!** To prevent personal injury, always disconnect plug from power source before assembling parts, making adjustments, or changing blades and observe the general safety guidelines.

### 1) Inserting the blade

Only use saw blades with a T-shank. (see fig. 1)



- Turn the quick-action chuck (11) lever and keep it turned. Place the blade in the chuck so it locates in the roller guide (8).
- Push the required saw blade (13) up to the stop. The saw blade (13) should click into place.
- Let go of the quick-action chuck lever: the lever should return to its original position automatically locking the saw blade in place.

**If the lever does not return to its original position the blade is not positioned correctly and requires pushing further into the chuck.**

### 2) Removing blade



**WARNING!** Blades can get very hot during use. Avoid direct contact with the saw blade and let it cool down first.

- This jigsaw has an automatic eject function on the quick release chuck.
- Hold the saw so that the saw blade (13) points towards a protected area (work surface or wall). Do not point in the direction of other people.
- Turn the quick release chuck (11) clockwise, the spring mechanism of the chuck will eject the blade automatically.

### 3) Dust extraction

The jigsaw is equipped with a suction device so that the dust and chips can be extracted.

Insert the dust port into the rear of the jigsaw. This is done by inserting the port (4) with the two tabs in the grooves located on the jigsaw and turning it counterclockwise to lock it in place. Remove the device by turning it clockwise and pull it from the device. Attach the dust extraction hose to the port of a suitable vacuum cleaner.

### 4) Using the Parallel Guide

**The parallel guide can only be used for work pieces with a maximum thickness of 30 mm.**

For parallel cuts, first you will need to fix the guide (17) as follows:

- Remove the locking screws (15) and insert the scale of parallel guide through the guide (16) in the bottom plate.
- Select the desired cutting width by positioning the guide using the scale value on the guide.
- Fix the position by tightening the locking screws (15).

## GETTING STARTED

### On/Off Switch

Switching on:

Press the trigger switch (2)

Continuous operation:


Squeeze the trigger switch and depress the lock button (1), then release the trigger

Switching off:

Release the trigger switch (2).

Stopping continuous operation:

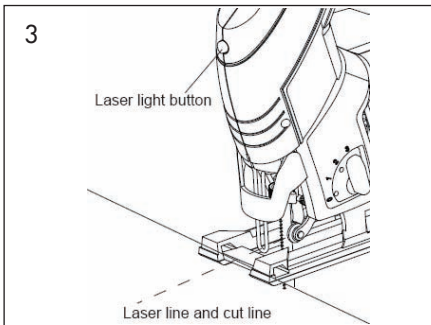
Squeeze trigger (2) and then release it.

 **WARNING!** If the "Lock-on" button (1) is held depressed, the trigger (2) will not be released.

### Using the Laser Line Guide: (see fig.3)

**Turn on the laser beam only when the device rests on the work piece.**

- First, mark the cutting line on the work piece (good side down).
- Press the laser/light switch (10) to turn on the laser.
- Ensure that the laser line and cut line completely overlap.



By repeatedly pressing the laser/light switch (10) the laser beam and LED work light can be combined in several ways. Starting with laser and light off the following settings are available

- 1 x press: Laser
- 2 x press: LED work light
- 3 x press: Laser beam combining with LED work light
- 4 x press: switched off

### Adjusting the cutting speed:

Your tool is equipped with a variable speed dial (9). The blade stroke rate may be adjusted during the cutting operation by setting the dial on or between any one of the six numbers.

Setting SPM rating (strokes per minute):

0-1 Low stroke rate--- Application: steel

2-3 Medium stroke rate--- Application: soft metal, hardwood

4-5 High stroke rate--- Application: plastic and softwood

Further control of the speed can be achieved by increasing or reducing the pressure on the trigger switch (2) enabling smooth stroke-rate control of the machine. **When the trigger switch (2) is locked, it is not possible to reduce the stroke rate.** The best results for a particular application are determined by practical experience, though as a general rule, slower speeds are for denser materials and faster speeds are for soft materials.

As described above, the required stroke rate is dependent on the material and the working conditions and can be determined by a practical trial.

**Reducing the stroke rate is recommended for when the saw blade first engages in the material as well as when sawing plastic and aluminum. After longer periods of work at low stroke rate, the machine can heat up considerably. Remove the saw blade from the machine and allow the machine to cool down.**

### **Adjusting the Pendulum Stroke**

The pendulum action can be adjusted with the pendulum action switch (7), even during operation.

Set the pendulum action switch (7) on one of the following positions:

Position 0 = No oscillation

Material: rubber, ceramic, aluminum, steel

Note: For fine materials and clean cut, thin materials (sheets)

Position 1 = minor oscillation

Material: plastic, wood, aluminum

Note: For hard materials

Position 2 = medium oscillation

Material: Wood

Position 3 = strong oscillation

Note: For soft materials and when sawing in the direction of the grain

The best combination of speed and pendulum action is dependent on the material to be processed. We recommend always determining the ideal settings by using a sample cut from a piece of scrap

### **Adjusting the base (see fig.4)**

The base (6) can be swiveled by  $\pm 45^\circ$  for mitre cuts.

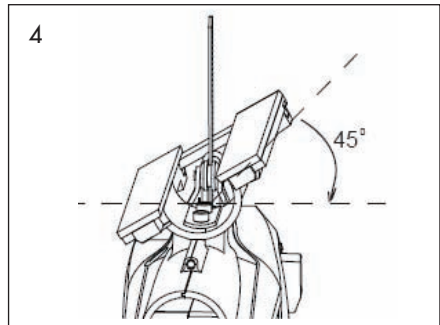
Loosen the two bolts in the base (6) by using the allen key supplied for the saw.

Slide the base back to disengage the incremental lock and tilt the base (6) to the desired angle.

There are increments of  $15^\circ$  on the scale.

Fix the base by sliding it forward until the incremental lock engages and tightening the two bolts firmly.

**Ensure that the base is set at  $0^\circ$  when using the laser guide or the line will not be true.**



### **Sawdust Extraction device**

With the air flow of the sawdust extraction feature (14) the cutting line can be kept free of dust and chips.

### **Switching on the sawdust blowing device:**

For cuts in materials with high removal rate, such as in wood, plastic, etc., push the switch (14) towards the vacuum connection.

### **Switching off the sawdust blowing device:**

For cuts in metal and when a dust extraction system e.g vacuum cleaner is connected, push the switch (14) towards the saw blade.

## CUTTING GUIDANCE

### Standard cutting

**When using the laser guide for cutting ensure that the laser is on and lines up with the groove marked centrally on the base plate. Check the base plate is located fully and locked firmly in place in the forward position.**

Choose appropriate saw blade (13) and set the base (6) at 0° so that the saw blade is at 90° with the base. Make sure that the plug is disconnected from the mains.

Mark the cutting line on the work piece (good side down). Place the jig saw flat on the work piece.

Plug the power plug into the wall outlet.

Switch on the jigsaw until it reaches full speed. Then the blade goes forwards slowly along the cutting line while applying light pressure on the saw.

**Never force the jigsaw forward as this will twist the blade and cause the cut to be off line. Simply allow the jigsaw to do the work and move the jigsaw forward to maintain contact between the blade and work piece.**

### Bevel or angle cutting

**WARNING: To prevent damage to the tool during bevel or angle cutting, the scroll wheel mechanism must be locked in place (using pendulum position 0) with the cutting edge of the blade facing the front of the tool.**

Make sure that the plug is disconnected from the mains.

To adjust the base (6) to the desired angle (refer to the description on Page 13).

Mark the cutting line on the work piece (good side down). Place the jig saw flat on the work piece.

Plug the power plug into the wall outlet.

Switch on the jigsaw until it reaches full speed. Then the blade goes forwards slowly along the cutting line while applying light pressure on the saw.

### Parallel cutting

Make sure that the plug is disconnected from the mains.

To fit the parallel guide, please refer to the description on Page 10. There is a scale from 0-15 cm on the guide. Set the desired cutting width. Tighten the locking screws.

Plug the power plug into the wall outlet.

Put the fence along the work piece and switch on the jig saw until it reaches full speed. The blade will progress forward slowly along the cutting line while applying light pressure on the saw.

### Plunge cutting

Using a drill driver make a sufficiently large hole in the work piece to give the blade sufficient flexibility.

Put the blade into the hole and then switch on the saw until it reaches full speed.

When the base (6) seats flat on the work-piece, continue sawing along the desired cutting line.

### Circular cutting

**Circular cuts may only be applied to soft materials, such as wood, gypsum plaster boards, etc**

**Use only short saw blades for plunge cutting. Plunge cutting is possible only with the mitre angle set at 0°.**

- Select the maximum stroke rate.
- Place the machine with the front edge of the base (6) on to the work piece so the saw blade (13) is not in contact with the work piece and switch on.
- Firmly hold the machine against the work piece and by tilting the machine, slowly plunge the saw blade into the work piece. The leading edge of the base plate (6) is acting as the pivot, make sure that you can change the pivot position if required

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- When the base plate is fully laid on the work-piece, continue sawing along the desired cutting line.

### **Cutting metal**

When sawing metal, coolant/lubricant should be applied alongside cutting line to ensure the blade remains cool.

## **TROUBLE SHOOTING**

Jigsaw has no power	<ul style="list-style-type: none"><li>• Check plug fuse</li></ul>
Laser or light is not working	<ul style="list-style-type: none"><li>• The laser, light/laser and light combinations cycle depending on how many times the button is pressed. See page 11 for details.</li></ul>
Blade comes loose	<ul style="list-style-type: none"><li>• Blade was not seated correctly. Push blade firmly into the chuck.</li><li>• Quick release lever did not return to its normal position. Push blade in firmly and aid the lever to return to the correct position</li></ul>
Jigsaw does not cut straight	<ul style="list-style-type: none"><li>• Too much forward force is being applied to the jigsaw.</li><li>• The settings are incorrect for the material being cut. Check the speed and pendulum settings.</li><li>• Blade is twisted or blunt. Replace blade</li><li>• Check base plate angle</li></ul>
Laser is not aligned correctly	<ul style="list-style-type: none"><li>• Twist the laser light so the laser aligns with the groove on the base plate</li><li>• Blade is twisted or blunt. Replace blade</li></ul>

Note: Some sparking from the motor may be visible through the venting of this unit and is normal.  
**Further advice on usage or faults is available by contacting the service centre on 08454 505299.**

## **MAINTENANCE AND CLEANING**

- Before any work on the machine itself remove the plug from the mains socket.
- Always keep the machine and ventilation slots clean.
- Regularly check to see if any dust or foreign matter has entered the grills near the motor and around the trigger switch. Use a soft brush to remove any accumulated dust.
- Wear safety glasses to protect your eyes whilst cleaning and using the unit.
- If the body of the tool needs cleaning, wipe it with a soft damp cloth. A mild detergent can be used but nothing like alcohol, petrol or other cleaning agent.
- Never use caustic agents to clean plastic part.
- Lubricate all moving parts at regular intervals.



**CAUTION!** Water must never come into contact with the tool.

## PLUG REPLACEMENT

Your Power Tool is supplied with a fitted plug, however if you need to fit a new plug follow the instruction below.

### IMPORTANT

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

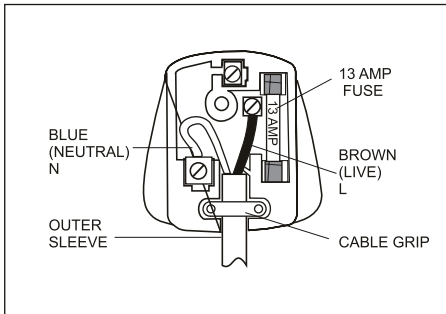
#### **Blue - Neutral Brown - Live**

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

The wire which is coloured brown must be connected to the terminal which is marked with **N**

The wire which is coloured blue must be connected to the terminal which is marked with the letter L. If a 13AMP (BS1363/A) plug is used, a 13A fuse must be fitted, or if any other type of plug is used a 13AMP fuse must be fitted, either in the plug or adapter, or on the distribution board.

Note: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket. If the supply cord is damaged it must be replaced by a service agent or a similarly qualified person in order to avoid hazard.



Note: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.

If the supply cord is damaged it must be replaced by a service agent or a similarly qualified person in order to avoid hazard.

## DISPOSAL



**Do not dispose of electrical appliances with your domestic waste!**

The packaging comprises exclusively environmentally-friendly material. Dispose of it in your local recycling containers.

## GUARANTEE

This product is selected for DOMESTIC USE ONLY and not for business use. This product is guaranteed against manufacturing defects for a period of 12 months. This does not cover the product where the fault is due to misuse, abuse, use in contravention of the instructions, or where the product has been the subject of unauthorised modifications or alterations, or has been the subject of commercial use. In the event of a problem with the product within the guarantee period please contact the service centre for assistance on 08454 505299. If the item is shown to have an inherent defect present at the time of sale, you will be provided with a replacement. Your statutory rights remain unaffected.

Guarantor: Home Retail Group, MK9 2NW

**Argos Ltd**

489-499 Avebury Boulevard  
Saxon Gate West  
Milton Keynes  
Buckinghamshire  
MK9 2NW

We hereby certify that the product stipulated above complies with all the relevant provisions of the following EC new approach directive/s.

**This declaration of conformity is issued under the sole responsibility of the manufacturer**

Type of Product: **800W Jigsaw With Laser**

Model Number: **M1Q-DD4-80**  
Cat / Article Number: 7107126

Product Description:

Photograph:

Voltage: 230-240V~50Hz  
Power: 800W  
Rated speed: 0-3000/min  
Max. cutting capacity  
Wood: 80mm  
Steel: 8mm  
Bevel capacity: ±45°  
Pendulum position: 4  
Protection class: II / I



Applicable EC Directives		
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<input checked="" type="checkbox"/> 2006/42/EC (MD)	<input checked="" type="checkbox"/> 2004/108/EC (EMC)	<input type="checkbox"/> 1999/5/EC (R&TTE)
<input checked="" type="checkbox"/> 2006/95/EC (LVD)	<input type="checkbox"/> 2009/105/EC (Pressure)	<input type="checkbox"/> 2000/14/EC Annex , 2005/88/EC
<input type="checkbox"/> 2009/125/EC (ErP)	<input type="checkbox"/> 2009/48/EC (Toys)	<input type="checkbox"/> L <sub>WA</sub> = 105dB(A), L <sub>PA</sub> = 94 dB(A), K=3dB(A)
<input type="checkbox"/> 2009/142/EC (Gas)	<input type="checkbox"/> 89/106/EEC (Construction)	<input type="checkbox"/> / /EC (Others)

Applicable Harmonized Standards:	Report Date	Verification of conformity Certificate	Notified Body
EN 60725-1:2009+A11:2010 EN 60745-2-11:2010 EN 60825-1:2007	2012-06.29	GS	ITS
EN 55014-1:2006/+A1:2009/+A2:2011 EN 55014-2:1997/+A1:2001/+A2:2008 EN 61000-3-2:2006/+A1:2009/+A2:2009 EN 61000-3-3:2008	2012.06.18	EMC	ITS
EC Type approval certificate number			

Issued number: 1.0

Issued on : 2012-6-26

Signed :

Creator: Max Shi

Name : Roger Panton-Kent

Position: QA

Position: Head of Quality Assurance