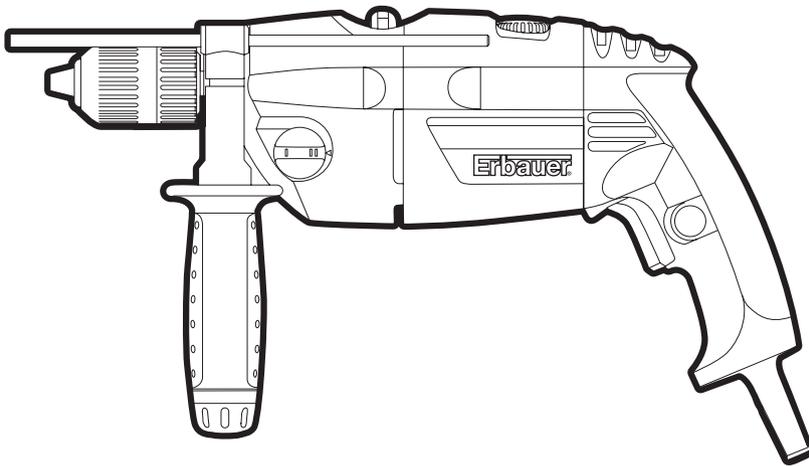




# Erbauer®



**ERB1127**

**2** WARRANTY  
**YEARS**

**1080W Percussion Drill**





# Erbauer®

**Congratulations on your purchase of a quality power tool from Screwfix Direct Ltd. This product should give you reliable service but for your peace of mind this **Erbauer** power tool does carries a 24-month guarantee, the terms of which are detailed below.**

**If this product develops a fault within the guarantee period contact Screwfix Direct Ltd on Freephone 0500 41 41 41.**

**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 Screwfix Direct Ltd guarantee of 24 months. If your product develops a fault within this period, you should in the first instance contact Screwfix Direct Ltd on Freephone 0500 41 41 41. If the fault occurs within the first 24 months, you may return the goods for a full refund or we will repair or replace the goods if you prefer. When repair is not practical or identical goods are not available, alternative goods of similar specification and quality will usually be provided but, failing this, you will be offered a partial or full refund depending on the time period since purchase.

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
- Repairs attempted by anyone, unless authorised by Screwfix Direct Ltd.

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 0845 607 6380

## **1080W Percussion Drill**



# SAFETY INSTRUCTIONS



**WARNING!** Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

SAVETHESE INSTRUCTIONS

## 1. WORK AREA

- a. Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c. Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

## 2. ELECTRICAL SAFETY

- a. Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.**
- d. Do not abuse the 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. Use a Residual Circuit Breaker on all 230V Power tools.** This can help minimise the risk of an electrical shock if an earth fault or short circuits occurs.
- g. If using a power cable extension ensure that the cable is fully unwound and that its length is less than 30m.** Lengths over 30 m will effect the tools performance as a result of voltage drop.

## 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 safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c. Avoid accidental starting.** Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- d. Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e. Do not overreach.** Keep proper footing and balance at all times. This enables



better control of the power tool in unexpected situations.

**f. Dress properly. Do not wear loose clothing or 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.

#### **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 before making any adjustments, changing accessories, or storing power tools.** Such preventative safety measures reduce the risk of starting the power tool accidentally.

**d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

**e. Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

**f. Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

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

#### **5. SERVICE**

**a. Have your power tool serviced by a qualified repair person using only genuine replacement parts.** This will ensure that the safety of the power tool is maintained.

#### **6. HEALTH ADVICE**



**WARNING!** When drilling, sanding, sawing or grinding, dust particles will be produced. In some instances, depending on the materials you are working with, this dust can be particularly harmful to you (e.g. lead from old gloss paint).

You are advised to consider the risks associated with the materials you are working with and to reduce the risk of exposure. You should:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

# **1080W Percussion Drill**



## **ADDITIONAL SAFETY POINTS FOR YOUR DRILL**

1. If the supply cord is damaged have it replaced by a qualified person.
2. Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.
3. Ensure your mains supply voltage is the same as your tool rating plate voltage.
4. Your tool is double insulated  for additional protection against a possible electrical insulation failure within the tool.
5. Always check walls and ceilings to avoid hidden power cables and pipes.
6. After long working periods, external metal parts and accessories could be hot.
7. Wear eye protection when operating this tool.
8. Always use the appropriate safety equipment that is required for the product. e.g. Goggles / Safety Spectacles, Ear defenders (essential with tools with a noise rating of over 85 dbA), Gloves and face masks. In all cases ensure that the safety equipment is in good condition.
9. Ensure that if a side handle or stabilising handle is provided with the power tool then these are adjusted into a comfortable position and that both handles are used to securely grip the power tool when in use.



## SYMBOLS



Read the manual



Wear gloves

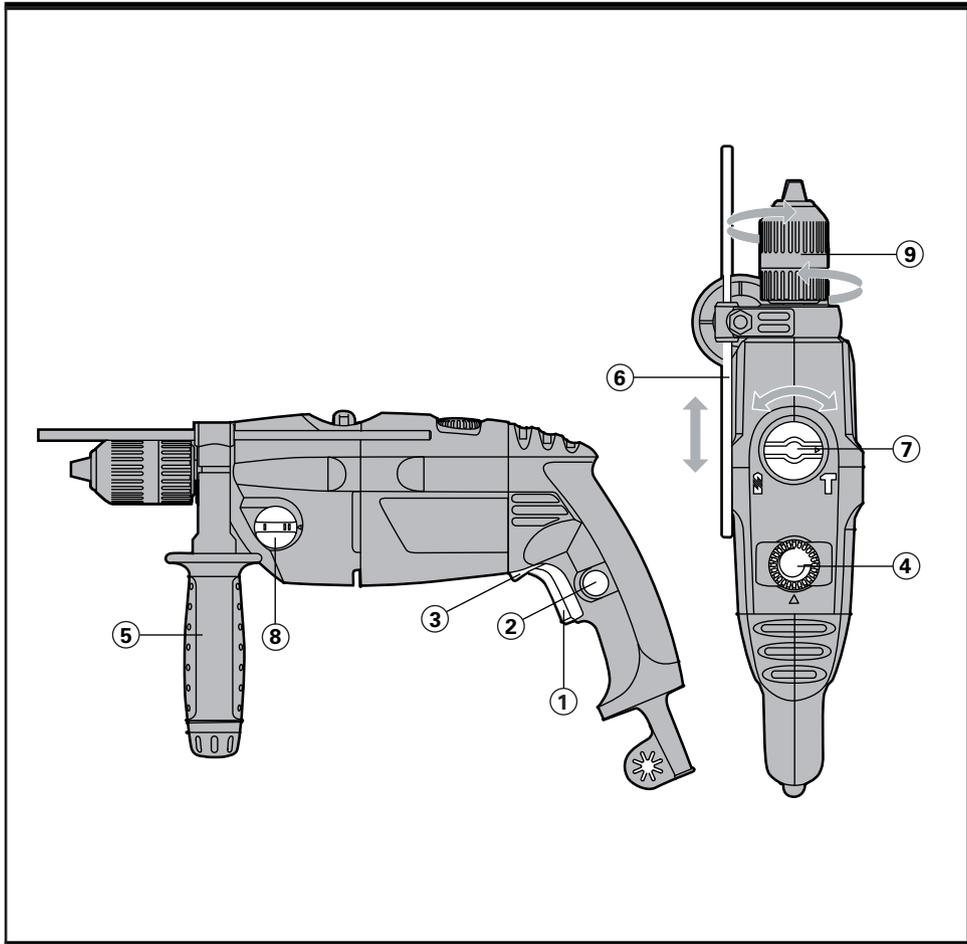


Warning



Wear dust mask, eye & ear protection

# 1080W Percussion Drill



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**1. ON/OFF SWITCH**

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**2. SWITCH LOCK-ON BUTTON**

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**3. FORWARD AND REVERSE ROTATION CONTROL**

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**4. VARIABLE SPEED CONTROL**

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**5. AUXILIARY HANDLE**

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**6. ADJUSTABLE DEPTH STOP**

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**7. HAMMER OR DRILLING CONTROL**

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**8. GEAR CONTROL**

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**9. CHUCK ADJUSTMENT**

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## TECHNICAL DATA

Volts:	230V~ 50Hz
Power input:	1080W
Gear 1: no load speed:	0-1000min <sup>-1</sup>
Gear 2: no load speed:	1000-3000min <sup>-1</sup>
Impact rate:	0-16000/16000-48000bpm
Double insulation:	
Chuck:	13mm metal keyless
Drilling capacity	
masonry:	20mm
steel:	13mm
wood:	50mm
Machine weight:	3.0Kg

## NOISE AND VIBRATION DATA

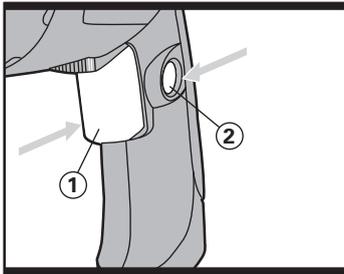
A weighted sound pressure	91dB (A)
A weighted sound power	102dB (A)
Wear ear protection when sound pressure is over	85dB (A)
	
Typical weighted vibration	6.2m/s <sup>2</sup>

## ACCESSORIES

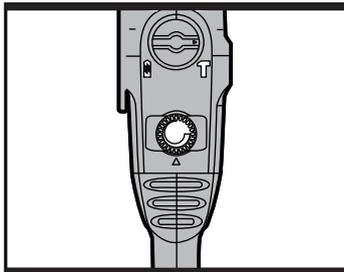
**Assorted drill bits**  
**Auxiliary handle**  
**Depth stop**

**5pcs (HSS - 5,6,8mm; Masonry -8,10mm)**  
**1pc**  
**1pc**

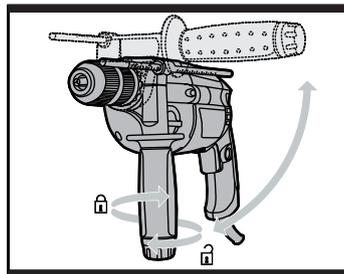
# 1080W Percussion Drill



**Fig 1.1**



**Fig 1.2**



**Fig 2**

## OPERATING INSTRUCTIONS

### 1.ON/OFF SWITCH

Depress to start and release to stop your tool.

### 2.SWITCH LOCK-ON BUTTON

Depress on/off switch (1) then lock on button (2) (See Fig 1.1), release on/off switch first and lock-on button second. Your switch is now locked on for continuous use. To switch off your tool just depress and release the on/off switch.

### 3. FORWARD AND REVERSE ROTATION CONTROL

For drilling and screwdriving use forward rotation (lever is straight). Only use reverse rotation to remove screws or release a jammed drill bit (lever is moved to the left, housing marked  $\gg$  ). Never change the direction of rotation when the tool is rotating, wait until it has stopped.

### 4. VARIABLE SPEED CONTROL

Adjust the wheel (4) to increase or decrease the speed according to the material and accessory to be used (also possible during no load operation (See Fig 1.2). This allows you to preset the maximum speed from your variable speed trigger. This reduces the risk of a drill/driver bit slipping and work-piece damage. Low speed will give low torque and high speed gives higher torque. The Constant Speed Control electronic circuit inside your drill maintains a nearly constant speed even when your drill is under load.

### 5. AUXILIARY HANDLE

Slide the handle onto the drill and rotate to the desired working position. To clamp the auxiliary handle rotate the handgrip anti-clockwise. To loosen the auxiliary handle rotate the hand grip clockwise. Always use the auxiliary handle (See Fig 2).

### 6. ADJUSTABLE DEPTH STOP

Fit the drill bit or driver bit into the chuck. Loosen the depth stop by rotating the handle clockwise. Slide the depth stop until the distance between



the depth stop end and the drill/driver bit end is equal to the depth of hole/screw you wish to make. Then clamp the depth stop by rotating the handle anti-clockwise.

## 7. HAMMER OR DRILLING CONTROL

When drilling masonry and concrete choose the Hammer position . When drilling wood, metal, plastic and screwdriving choose the Drill position .

## 8. GEAR CONTROL

Choose position I for high torque/low speed range for large diameter drill bits and screwdriving. Choose position II for low torque/High-speed range for small diameter drill bits. **If the gears do not engage easily then rotate the chuck by hand to align the gears.** Never change the gears when the tool is rotating, wait until it has stopped.

## 9. CHUCK ADJUSTMENT

To open the chuck jaws rotate the front section of the chuck whilst holding the rear section. Insert the drill bit between the chuck jaws and rotate the front section in the opposite direction whilst holding the rear section. Ensure drill bit is in the centre of the chuck jaws. Finally, firmly rotate the two separate chuck sections in opposite directions. Your drill bit is now locked in the chuck.

## WORKING HINTS FOR YOUR DRILL

If your power tool becomes too hot, set the speed to maximum and run no load for 2-3 minutes to cool the motor. Tungsten carbide drill bits should always be used for concrete and masonry. When drilling in metal, only use HSS drill bits in good condition. Always use a magnetic bit holder when using short screwdriver bits.

Where possible use a pilot hole before drilling a large diameter hole.

# 1080W Percussion Drill



## MAINTENANCE

Your power tool requires no additional lubrication or maintenance. There is 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. If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.

## 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.

## 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:

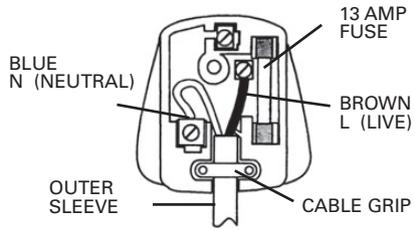
**Blue ---Neutral**

**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 13 AMP fuse must be fitted.



# 1080W Percussion Drill





# SCREWFIX DIRECT®

## Declaration of Conformity

We, Importer  
**Screwfix Direct Ltd**  
**Mead Avenue**  
**Houndstone Business Park**  
**Yeovil**  
**BA 22 8RT**

Declare that the product  
**Percussion Drill**  
**ERB1127**

Complies with the essential health and safety requirements of the following directive:

**89/336 EEC, 93/68 EEC.** –EMC Directive.  
**73/23 EEC, 93/68 EEC.** –Low Voltage Directive  
**98/37 EC.** –Machinery Directive.

Standards and technical specifications referred to:

**EN 60745-1:2003/+A1:2003**  
**EN 60745-2-1:2003**  
**EN 55014-1:2000/+A1:2001/+A2:2002**  
**EN 55014-2:1997/+A1:2001**  
**EN 61000-3-2:2000**  
**EN 61000-3-3:1995/+A1:2001**

### Authorised Signatory

Date: 03/15/05

Signature: \_\_\_\_\_

Name: Peter Harries  
Screwfix Direct Ltd  
Quality Manager



2005



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