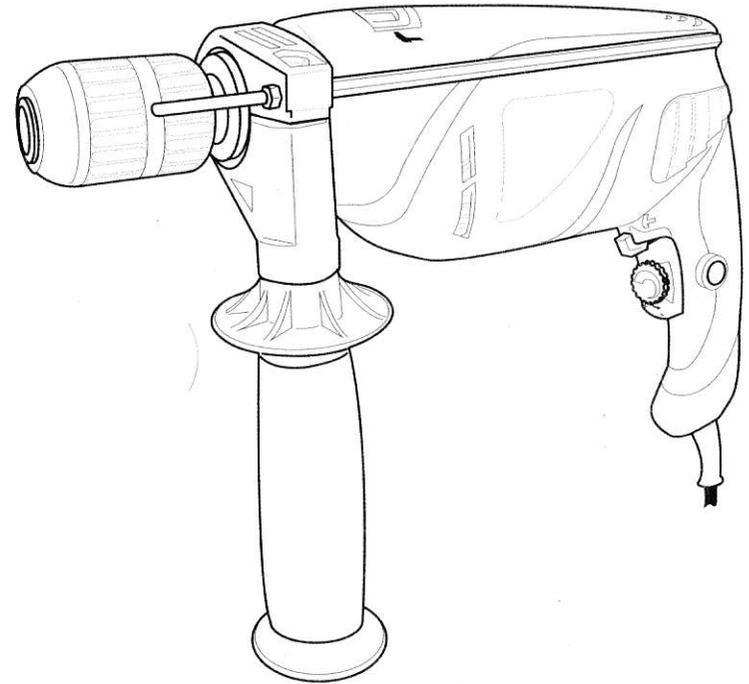


BOUGHT 10.4.14. 2 YEAR GUARANTEE.



RECEIPT ENCLOSED, page 28

710W Hammer Drill



PHD710A

Barcode: 5052931056125

BP-0218

Check that you have noted all the following instructions:

- Before starting you must have fully read and understood the entire instruction manual.
- Working with this product is demanding; therefore ensure you are physically and mentally fit to complete the job safely.
- Ensure that you have all the accessories and tools needed for assembly and operation.
- Make sure that you wear suitable personal protective equipment.
- Ensure that no unauthorised people, especially children, and pets are nearby or could enter the working area.

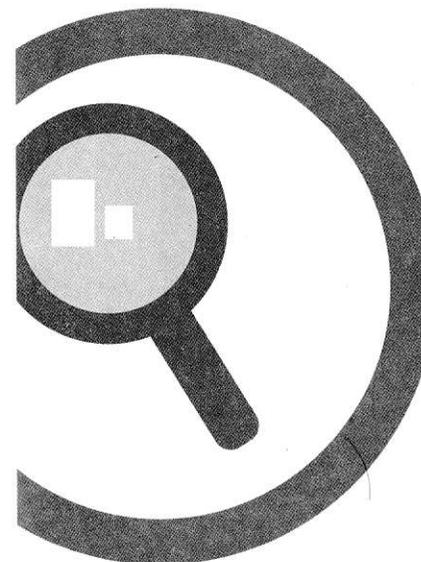


- Ensure that the product is free from any damage and that it is not worn.
- Make sure that safety devices and accessories are correctly fixed.
- Double check that all assembly tools have been removed from the product before use.
- Undertake periodic structural checks of this product; do not use it if you have any doubts about its suitability for its intended purpose.



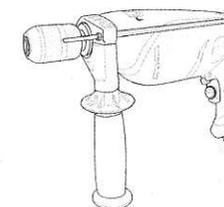
WARNING! For your own and the safety of other people you must read and follow the safety instructions in section "In more detail – Technical and legal information – Safety warnings".

Getting started...



In more detail...

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In more detail...

Intended use

This hammer drill PHD710A is designated with a rated input of 710 Watts. This product is intended for drilling in wood, and similar materials e.g. MDF, plywood etc, plastic and metal as well as for impact drilling in masonry. It should not be used for screw driving and working on materials that are dangerous to health.

This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described.

Mode selector

Select the operation mode with the mode selector (5) before operation. This product can be operated either in drilling or impact drilling mode.

- > Move the mode selector (5) to the drill symbol  to use the product for drilling holes in wood, plastic and metal (Fig. 8).
- > Move the mode selector (5) to the hammer symbol  to use the product for drilling holes in masonry or concrete (Fig. 9).

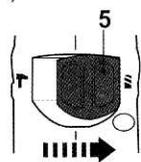


Fig. 8

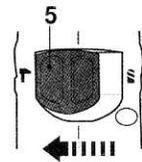


Fig. 9

Forward / reverse rotation control

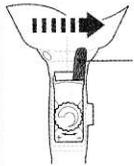
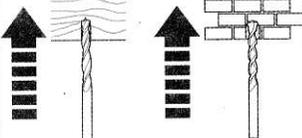
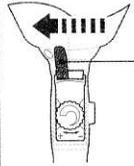
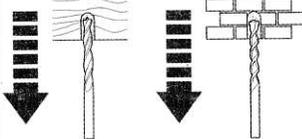
Change the rotational direction from forward to reverse by pressing the forward / reverse rotation control (7).



WARNING! Only change the rotational direction when the product is switched off and has come to a complete stop! Always ensure that the forward / reverse rotation control is adjusted to the correct position depending on the intended operation!

Always push the forward / reverse rotation control as far as it will go! Do not use the product with the control switch in any other position!

- > Move the forward / reverse rotation control (7) to the left (as seen from the operators position) in order to use the product in a clockwise rotational mode. Use this function for drilling (Fig. 10).
- > Move the forward / reverse rotation control switch (7) to the right (as seen from the operators position) in order to use the product in anticlockwise rotational mode. Use this function to loosen jammed drill bits (Fig. 11).

Position	Rotational direction	Application
 Fig. 10		
 Fig. 11		



NOTE: If you are using the product for the first time after changing the rotational direction, a locking sound may be heard. This is normal and does not represent a defect.

Speed dial

Limit the maximum speed using the speed dial (10) (Fig. 12).

- > Turn the speed dial (10) in plus direction "+" to increase the maximum speed.
- > Turn the speed dial (10) in minus direction "-" to decrease the maximum speed.

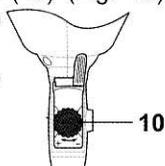


Fig. 12

On/off switch

Operate the product either in instant or continuous mode.

Instant mode

- > Switch the product on by pressing the on/off switch (9).
- > Switch the product off by releasing the on/off switch (9).

Continuous mode

- > Switch the product on by pressing the on/off switch (9) and hold it in position.
- > Press the lock-on button (8) to lock the on/off switch (9).
- > Release both switches. The on/off switch is now locked on for continuous use.
- > Depress and release the on/off switch (9) to switch the product off.

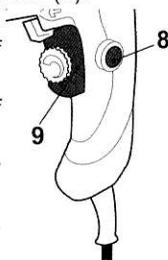


Fig. 13

Speed control

Adjust the speed directly when operating with the built-in speed control. The on/off switch (9) of this product is combined with a speed control. The speed is controlled by how far the on/off switch is depressed.

General operation

- > 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.
- > Double check that accessories and drill bits are properly fixed.
- > Always hold the product by its handles (Fig. 14). Keep the handles dry to ensure safe support.



Fig. 14

- > Ensure that the air vents are always unobstructed and clean. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
- > 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.
- > Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.



WARNING! Keep in mind that there are buried objects hidden in every household! Ensure that there are no gas, water or power lines hidden in the working area that may be hit before operation – danger of electrical shock and serious injury to people and property damage! Use a suitable detector to trace such objects in advance!

Drilling

- > Always hold the product perpendicular to the point to be drilled. Holding it at an angle may cause slipping or jamming of the drill bit.
- > Always place the drill tip directly on the point to be drilled first and then switch the product on.
- > Pre-drill larger holes with a small diameter drill bit first. Doing so makes drilling with larger diameter drill bits easier.
- > Do not always drill at top speed. This unnecessarily increases the wear and tear of the product and drill bit.
- > Remove blocked and stuck drill bits by changing the rotational direction.

Drilling into plastic and metal

- > Punch the drilling point before operation in order to avoid slipping of the drill.
- > Use a metal drill bit for drilling into plastic and metal. Select a low speed and where necessary use a cooling lubricant that is available at your specialist dealer.

i **NOTE:** When operating the product at low speed for a longer period the motor may overheat. Therefore take breaks of approx. 15 minutes on a regular basis to let the motor cool down.

After use

- > Switch the product off, disconnect it from the power supply and let it cool down.
- > Check, clean and store the product as described below.

The golden rules for care



WARNING! Always switch the product off, disconnect it from power supply and let the product cool down before performing inspection, maintenance and cleaning work!



- > Keep the product clean. Remove debris from it after each use and before storage.
- > Regular and proper cleaning will help ensure safe use and prolong the life of the product.
- > Inspect the product before each use for worn and damaged parts. Do not operate it if you find broken and worn parts.



WARNING! Only perform repairs and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

General cleaning

- > Clean the product with a dry cloth. Use a brush for areas that are hard to reach.
- > In particular clean the air vents (6) after every use with a cloth and brush.
- > Remove stubborn dirt with high pressure air (max. 3 bar).



NOTE: Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.

- > Check for worn or damaged parts. Replace worn parts as necessary or contact an authorised service centre for repair before using the product again.

Power cord

- > If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a safety hazard.

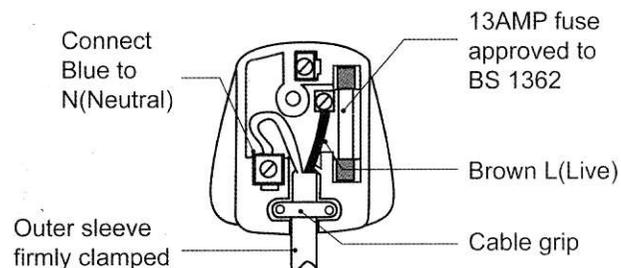
UK plug

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

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



WARNING! Never connect live or neutral wires to the earth terminal of the plug.

Only fit an approved 13 Amp BS 1363 or BS 1363/A plug and the correctly rated fuse.

If in doubt, consult a qualified electrician.

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.

Repair

- > This product does not contain any parts that can be repaired by the consumer. Contact a qualified specialist to have it checked and repaired.

Storage

- > Clean the product as described above.
- > Store the product and its accessories in a dry, frost-free place.
- > Always store the product in a place that is inaccessible to children. The ideal storage temperature is between 10 and 30°C.
- > We recommend using the original package for storage or covering the product with a suitable cloth to protect it against dust.

Transportation

- > Switch the product off and disconnect it from power supply before transporting it anywhere.
- > Attach transportation guards, if applicable.
- > Always carry the product by its handle.
- > Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- > Secure the product to prevent it from slipping or falling over.

Trouble shooting

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore check the product using this section. In most cases the problem can be solved quickly.



WARNING! Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified specialist if you cannot solve the problem yourself!

Problem	Possible cause	Solution
1. Product does not start	1.1 Not connected to power supply 1.2 Power cord or plug is defective 1.3 Other electrical defect to the product	1.1 Connect to power supply 1.2 Check by a specialist electrician 1.3 Check by a specialist electrician
2. Product does not reach full power	2.1 Extension cord not suitable for operation with this product 2.2 Power source (e.g. generator) has too low voltage 2.3 Air vents are blocked	2.1 Use a proper extension cord 2.2 Connect to another power source 2.3 Clean the air vents
3. Unsatisfactory result	3.1 Drill bit is worn 3.2 Drill bit not suitable for workpiece material	3.1 Replace with a new one 3.2 Use suitable drill bit

Symbols



Caution / Warning.



Read the instruction manual.



Wear safety footwear.



Wear protective gloves.



Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.



This product is of protection class II. That means it is equipped with enhanced or double insulation.



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



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



Wear hearing protection.



Wear eye protection.



Wear respiratory protection.

Safety warnings

- > This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.
- > Children should be supervised to ensure that they do not play with the product.

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 (corded) power tool or battery-operated (cordless) power tool.

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.

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 or 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.

Safety warnings

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.
- > **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 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.
- > **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.
- > **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.

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.
- > **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.

- > **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.
- > **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.

Service

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

Impact drill safety warnings

- > **Wear ear protectors when impact drilling.** Exposure to noise can cause hearing loss.
- > **Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.
- > **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.

Safety warnings

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:

- > Only use the product as intended by its design and these instructions.
- > Ensure that the product is in good condition and well maintained.
- > Use correct application tools for the product and ensure they in good condition.
- > Keep tight grip on the handles/grip surface.
- > Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
- > 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.

- > **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.
- > **Switch off and disconnect 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:

- > Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.

- > Injuries and damage to property due to broken application tools or the sudden impact of hidden objects during use.
- > 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!