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INSTRUCTION MANUAL

RONIX IMPACT DRILL **Model No:**2210 **&** 2210 C

General Safety Instruction for Electric

This device is exclusively for private use! It is not fit for commercial use!

Warning: when working with electrical devices the following prevention and safety instructions are to be observed to avoid fires , electric shocks and physical injuries:

For safe working:

. Keep the working area in order!
. Disorder in working area can give rise to dangers of accident! Pay attention to the ambient conditions!
. Do not leave electric tools under the rain!
. Do not use these in humid or wet surroundings!
. Make sure that there is enough light! Make sure that the working area is visible at a glance!
. Do not use electric tools in areas subject to the risk of fires! Protect yourself against electric shocks!
. Avoid coming into contact with grounded parts (e.g., pipes, radiators, stoves, refrigerators)!
. In case of extrem application conditions (e .g. high humidity, presence of metal particles, etc) the electrical safety of the device can be improved by connecting an isolation transformer or a fault current circuit breaker!
. Keep children away!
. Do not let other people touch the tool or the cable!
. Keep other people out of the working area! Make sure that the tool is stored safely!
. Unused electric tools are to be kept in a dry. Highflying or closed place out of the reach of children!
. Do not overload the electric tool! It works better and safer within the indicated capacity range! Use the right electric tool!
. Do not use week tools or adapters for heavy jobs. Do not use tools for purposes or jobs which these are not intended. For example, hand circular saws are not be used to cut trees or branches! Always wear suitable working cloths!
. Do not wear baggy clothes or jewellery! Risk of begin caught by moving parts!
. When working outside it is advisable to wear rubber gloves and skid- proof shoes!
. If you have long hair wear a hairnet! Use protective goggles!
. Always wear a breathing mask during jobs producing dust! Connect the vacuum system (if available)!
. If devices for the connection of vacuum and collection systems are available make sure that these are connected and used correctly!
. Do not tamper with the cable!
. Do not carry the tool by the cable and not use it to pull the plug out of the socket!

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. Protect the cable against heat sources, oil and sharp edges! Secure the tool!
. Use chucking devices or a vise to keep the tool still! The tool can thus be held in place more safely than by hand and the tool can be used with both hands!
. Avoid unusual body postures! Always stand firmly in place and keep your balance! Always keep the tool in good order!
. Always keep tools sharp and clean to work correctly and safely!
.Follow the maintenance and tool change instructions.
. Check the plug and cable on a regular basis and have a qualified technician change these in case of damage!
. Check the extension cable on a regular basis and replace it if damaged! Pull the plug out of the socket.
. After use, maintenance and when changing accessories such as saw blades , drill cutters , etc…! Do not leave protruding tool keys!
. Make sure before turning on the tool that the key or setting gauge is removed.
. Avoid the accidental starting of the tool.
. Never carry an electric tool connected to the power main with your finger on the switch!
. Make sure that the switch is off when connecting to the mains! Extension cable outdoors: Use only certificate and duly marked extension cables outdoors!
. Always be careful! Pay attention to your work! Proceed carefully.
Do not use the tool if you are not concentrated!
. Check the tool for damages!
.Before using the tool the next time check that the protection devices or slightly damage parts are in good working conditions! Check whether the moving parts function correctly. That these are not jammed or whether any parts are damaged!
. All the parts to be correctly mounted and meet all the requirements for the proper functioning of the electric tool!
. Damaged protection devices and parts are to be repaired or changed by a qualified technician provided that the operating instructions do not specify otherwise!
. Damaged switches are to be replaced in a customer service shop! Do not use electric tools that cannot be switches on or off!

Warning!

. For your own safety always use only the accessories and attachments specified in the operating instructions or recommended or specified by the tool manufacturer!
. The use of accessories and attachments other than those specified in the operating instructions can cause injuries!
. Always have your tool be repaired by certified technicians!
. This tool meets the relevant safety requirements!
. Repairs are to be carried out only by qualified technicians with original spare parts to avoid the risk of injuries to user caused by improper repairs!
During operating ,wear hearing protection to avoid damage to your hearing!

Special safety information

. When drilling or screwing into walls, ceilings etc make sure beforehand that you will not damage any hidden electric cables, during this work you should not touch metal parts of the machine. Only touch the machine by the plastic housing.

. Your machine is double insulated. This means that two completely independent types of insulation prevent you from coming into contact with live metal parts. This measure represents a high degree of protection against an electric shock.

Your Drill has the following Function:

The operating is used for all work carried out with the drilling machine. With the speed selection via the regulator wheel you have optimum control of the machine.
The machine can be set to continuous operation with the locking button .
The second handle gives you an additional way the holding the machine firmly.
Depending on the position of the percussion drilling/drilling switch you can use your drilling machine as a percussion drill or rotating drill.
The direction switch controls the direction of motion when the machine is used as a screwdriver or if you would like to remove a drilling bit that has become jammed.
Using the adjustable bit stop you can fix depth of blind holes accurately during drilling.
To change speed setting , Turn the High / low speed selector to the desired setting , position 1 for lower speed and position 2 for higher speed.

Preparing the Drilling Machine

Warning! When performing the following work , always ensure that the machine is not connected to the mains power supply.

Inserting the Second Handle

In order to assemble the second handle , release it by rotating the lower part anti – clockwise so that you can easily pull the handle over the drill chuck on the flange located behind it. Then turn the handle to working position that is comfortable for you and fix it in place by tightening it (rotating the lower part clockwise) .

Adjusting the Bit Stop

The second handle has a retainer for the bit stop. Insert a drill.
Now release the handle.
Push the bit stop forwards until its end is in line with the end of the drill. Now push the bit stop back until the distance between the end of the bit stop and the end of the drill corresponds to the depth to which you would like to drill.

Inserting the Drill

First remove the mains supply from the socket. Turn the ring of the drill chuck until the clamping jaws are open wide enough .insert the drill into the clamping jaws of the drill chuck .insert the end of the drill chuck key into one of the three holes on the body of the drill chuck And let the head of the key lock into place in the ring of the drill chuck in order to lighten the clamping jaws and fix the drill in place. Turn the drill chuck key in a clockwise direction. Important: Then remove the key from the chuck.

Working with the Drilling Machine

Ensure that the mains power supply voltage is the same as the operating voltage of your machine. For details , please see the type plate. Insert the correct drill for the type of job to be performed. If necessary adjust the bit stop.

Set the High /low speed selector to the desired speed position ,then adjust the speed of the machine using the regulating wheel on the operating switch .The more the operating switch is pressed in , the faster the drill rotates . Set the direction switch to the desired direction of motion. Never alter the position of the percussion drilling switch or the direction switch when the machine is switched on. The machine is switched on by pressing the operating switch . When the operating switch is released , the machine stop. If you would like to use continuous operation press the locking button while the operating switch is pressed , in order to switch off the machine during continuous operation , press the operating switch again and then let it go. Do not touch the drill chuck while the machine is switched on.





Drilling Tips

. Always insert the correct size and type of drill or screwdriver.
.Set the machine to the correct speed.
. Always hold the machine tightly by the handle and second handle
. When drilling wood and metal, set the percussion drilling switch to drilling.
. When drilling masonry , set the percussion – drilling switch to percussion drilling.
.When using the machine as a screwdriver , set the percussion – drilling switch to drilling.
. Set the direction switch to the correct direction.
. Never change the direction of motion when the machine is switched on.

Care of the Tools

Overload

Never use excessive force when drilling. Too much pressure reduces the speed of the machine , and the required power is greatly reduced. This may result in overload ,which can damage the motor of the drilling machine. When the drilling machine becomes too hot , allow it to run for two minutes without a loud and then interrupt working for a short time. Clean the drilling machine with a clean cloth and a brush. Ensure that the ventilation Slits are not blocked.

This appliance conform to CE directive for radio interference suppression and low – voltage safety and has been built to meet current safety requirements. Subject to technical changes without prior notice!

TECHNICAL DATA

2210 & 2210 C

Voltage:	220V~50Hz
Input power:	810W
No load speed:	0-3000rpm
Chuck size:	13mm

Driling capacity:

Steel	13mm
Concrete	13mm
Wood	25mm

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