NORDIC M1R-DH2-12 Corded Router User Manual

NORDIC POWER TOOLS

CORDED ROUTER
OPERATING MANUAL
M1R-DH2-12

Contents

PRODUCT SPECIFICATION

Voltage / Frequency:	230V~ 50Hz
Rated Power:	2000W
Max Speed:	8000 – 23,000rpm
Chuck Diameter:	1×1.4in,1pc x 1/2in collet
Cable Length:	2M
Adaptor Type:	SAA Plug

GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury.
Keep safety warnings and instructions for future reference.
The term “power tool” in the safety warnings refers to your mains operated (corded) power tool or battery-operated (cordless) power tool.

2.1 WORKING AREA

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

2.2 ELECTRICAL SAFETY

- Always check that the power supply corresponds to the voltage on the rating plate.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of an electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of an electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of

an electric shock.

- Do not damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of an electric shock.
- When operating a power tool outdoors, use an extension cable suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of an electric shock.
- If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD). Using an RCD reduces the risk of an electric shock.

2.3 PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when operating a power tool may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.
- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts..
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.

2.4 POWER TOOL USE AND CARE

- Do not expect the power tool to do more than it can. Use the correct power tool for what you want to do. A power tool will achieve better results and be safer if used in the context for which it was designed.
- Do not use the power tool if the switch cannot turn it on and off. A power tool with a broken switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store power tools, when not in use, out of the reach of children and do not allow people who are not familiar with the power tool or these instructions to operate it. Power tools are potentially dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or jammed moving parts, breakages or any other feature that might affect the operation of the power tool. If it is damaged, the power tool must be repaired. Many accidents are caused by using poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.

- Use the power tool, accessories and cutting tools, 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 which needs to be done. Using a power tool in ways for which it was not intended can lead to potentially hazardous situations.

2.5 SERVICE
Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.
Special safety instructions for Router

- In carrying out the works, hold the tool by the insulated handles. Contact with current- carrying conductor can result in electric shock the operator.
- In continuous operation, use hearing protection.
- Handle cutters.
- Carefully inspect the cutter for cracks and damage before starting work. Immediately replace the damaged items.
- Avoid contact with the cutter on the nails. Before starting work, check the surface of the absence of nails.
- Hold the paper mill with two hands.
- Keep hands away from rotating parts.
- Before switching on, make sure that the cutter does not touch the surface.
- Before you start using the machine under load, allow it to run at maximum idle for at least 30 seconds in a safe position. Immediately stop the machine with the appearance of extraneous sounds and vibrations that indicate improper installation of the cutter.
- Check the correct direction of rotation and feed mills.
- Do not leave the tool running unattended. Operate the tool only when it is in their hands.
- After turning off the router before removing it from the surface of the sample wait until the cutter.
- Do not touch the cutter immediately after use, it can be very hot and cause burns.
- Always place the cord in the direction of the machine to a power outlet.

OPERATING PROCEDURE

- Install the unit on a flat surface. Release the lock lever and lower the motor housing so that it touches the surface. Lock lever.
- Rotate the quick feed counterclockwise, move the locking rack down until it touches the adjusting bolt. Position the pointer on the depth of the division of the “0”. Milling depth will now register pointer depth.
- Press the fast forward feed, lift the locking rack to reach the selected depth. Fine adjustment is achieved by turning the locking rack (1 mm per revolution).
- Rotate the quick feed clockwise firmly secure the locking plate. Now, the preset cutting depth can be obtained weakening buttons fast delivery and lowering the body until it touches the stopper router rack adjustment bolt lock

NYLON NUTS

- **ATTENTION:** Do not lower the nylon nut is too low, it can lead to excessive lowering of the cutter. Top position of the motor housing can be adjusted by rotating the nylon nut.

- **ATTENTION:** Due to the fact that an excessive depth of cut may lead to overloading of the motor and mill retention difficulties in operation. Depth of cut should not exceed 15 mm in one pass milling grooves 8 mm-ing cutter. Routing grooves with 20 mm-ing cutter cutting depth should not exceed 5 mm in one pass. Routing grooves at very large depths when operating, make the work in 2 or 3 passes with a gradual increase in depth.

CLAMP

- Since the lock has three adjustment bolts- 0.8 mm per rotation, then no adjustment of the locking rack can be installed three different milling depth. To adjust the bolts, loosen the hex nuts on them and then make adjustments bolts. After the installation of the selected position of the adjusting screws, tighten the nut to lock them.

USING THE MACHINE

- Place the product on the sample surface so that the cutter does not touch the sample. Turn it on, and wait until the device gains momentum. Release the lock lever and slowly lower the unit down until they reach a predetermined depth. Then two hands move the device forward. When milling angles sample surface should be left of the cutter in the direction of flow.

TURNING ON AND OFF THE DEVICE

- **ATTENTION:** Before turning to the network, check whether the switch is returned to the start “OFF” position when you release it. Before switching on the device, make sure that the shaft is released from the lock. To activate, press the lock and at the same time the start button. For continuous operation, press the start button and then the button lock. To turn off, release the start button.

PARALLEL GUIDE

- To set the parallel guide, insert the guide holders into the holes in the base of the device. Adjust the distance between the cutter and the stop and secure with a screw clamp. When necessary to increase the distance between the cutter and the rip fence use additional wooden board thickness, which may be attached to the sample using clamps.

REPLACING CARBON BRUSHES

- Replace carbon brushes when they are worn down to the limit mark. Brushes should be changed in pairs.

SYMBOLS

In this manual and/or on the machine the following symbols are used:

	Denotes risk of personal injury or damage to the tool.
	Read manual before use
	Wear eye protection
	Wear ear protection
	Wear safety gloves
	Wear respiratory protection
	In accordance with essential requirements of the European directive(s)
	Class II – The machine is double insulated; Earthing wire is therefore not necessary (only for charger)
	Ambient temperature 40°C max. (only for battery)
	Do not expose charger and battery pack to water
	Use battery and charger only in closed rooms
	Do not incinerate battery pack or charger

CLEANING AND MAINTENANCE

9.1 CLEANING

- Keep the ventilation slots of the machine clean to prevent overheating of the engine.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Keep the ventilation slots free from dust and dirt.
- If the dirt does not come off use a soft cloth moistened with soapy water.
- Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

9.2 MAINTENANCE

Our machines have been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper machine care and regular cleaning.

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.

ENVIRONMENT

Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.
Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check you're your Local Authority or retailer for recycling advice.

Documents / Resources

	NORDIC M1R-DH2-12 Corded Router [pdf] User Manual M1R-DH2-12 Corded Router, M1R-DH2-12, Corded Router, Router