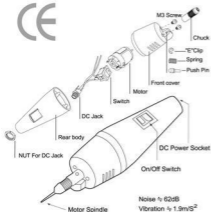


**Pro'sKit®**  
Quality Product

## SUPER DRILL SET

### OPERATING INSTRUCTIONS

1PK-500



Thank you for purchasing the 1PK-500 Super Drill Set series.

Designed for domestic hobby uses such as model making, electronics, and other educational projects, this super drill uses a compact motor which is powered from the supplied plug-pack AC adaptor. The AC adaptor plugs directly into your ordinary household power outlet, and provides a safe 12V or 13V DC supply to the Super Drill.

The Super Drill is also supplied with a variety of tools for hobby use, including 5 high-speed drill bits, 5 plated brass collets, 4 grindstones, and a thin grinding wheel.

Before using the 1PK-500 Super Drill for the first time, please read the following instructions.

#### INITIAL SET UP

- Adaptor consists of a main body section that plugs into your household power outlet, and a flexible lead with a polarity reversal plug fitted at the end. Check that the polarity plug is set up for "center-pin positive" operation (the word "tip" on the plug at the end of the lead should mate up with the "+" symbol). Plug the AC adaptor into your household AC power outlet, but do not switch on the outlet yet. Plug the flexible lead section into the socket at the rear of the Super Drill.
- Before using the drill for the first time, check that the On/Off switch on the body of the Super Drill is switched to the Off position (the white dot on the switch is in the upward position), and that there is no tool fitted into the chuck collet.

#### WARNING

- To prevent possible injury, always switch Off the Super Drill at the power point before fitting or removing tools from the chuck collet.
- Remove the plug from the socket before carrying out any adjustment servicing or maintenance.

#### FITTING BITS

- Check that power to the Super Drill is switched Off.
- The Super Drill uses a threaded motor spindle, collet, and chuck nut to hold bits in place for use. A spring loaded lock button allows you to prevent rotation of the motor spindle while fitting bits.
- Press in the lock button and turn the Chuck nut until the lock engages with one of the holes in the motor spindle.
- Unscrew the chuck nut and remove it by turning it anti-clockwise to expose the collet. Remove the collet by gently pulling it out of the motor spindle.
- Select a collet that suits the diameter of the bit to be used, place the new collet into the motor spindle and lightly screw the chuck nut back onto the motor spindle.
- Place the bit to be used into the hole in the collet, ensuring the bit extends at least 1 cm into the collet for adequate grip. Tighten the chuck nut to hold the bit firmly, and when completed, release the lock button and apply power (AC outlet and drill).
- With the motor running, carefully visually inspect that the rotation of the bit is true (i.e. it should appear not to be moving off axis while it is rotating). If the bit does not appear to be running true, switch off the power, and recheck the positioning of the bit in the collet.



#### SAFETY PRECAUTIONS

Read all these instructions before operating this product to reduce the risk of fire, electric shock and personal injury, and save these instructions.

For safe operations:

- Keep work area clean.
  - Cluttered areas and benches invite injuries.
- Consider work area environment.
  - Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area well lit. Do not use power tools where there is risk to cause fire or explosion.
- Guard against electric shock.
  - Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).
- Keep children away.
  - Do not let visitors touch the tool or extension cord. All visitors should be kept away from area.
- Store idle tools.
  - When not in use, tools should be stored in a dry, high or locked up place, out of reach of children.
- Do not force the tool.
  - It will do the job better and safer at the rate for which it was intended.
- Use the right tool.
  - Do not force small tools or attachments to do the job of a heavy duty tool. Do not use tools for purposes not intended; for example, do not use circular saws to cut tree limbs or logs.
- Dress properly.
  - Do not wear loose clothing or jewellery, they can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protecting hair covering to contain long hair.
- Use safety glasses.
  - Also use face or dust mask if the cutting operation is dusty.
- Do not abuse the cord.
  - Never carry the tool by the cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.
- Secure work.
  - Use clamps or a vice to hold the work. It is safer than using your hand and it frees both hands to operate the tool.
- Do not overreach.
  - Keep proper footing and balance at all times.
- Maintain tool with care.
  - Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged have it repaired by an authorized service facility. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean and free from oil and grease.
- Disconnect tools.
  - When not in use, before servicing and when changing accessories such as blades, bits and cutters.
- Avoid unintentional starting.
  - Do not carry a plugged-in tool with a finger on the switch. Ensure switch is off when plugging in.
- Not for outdoor use
- Stay alert.
  - Watch what you are doing. Use common sense. Do not operate tool when you are tired.
- Check damaged parts.
  - Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Do not use the tool if the switch does not turn it on and off.
- Warning.
  - The use of any accessory or attachment, other than those recommended in this instruction manual, may present a risk of personal injury.
- Have your tool repaired by a qualified person.
  - This electric tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.
- Do not stall the motor or try to use the lock button while the motor is running, as damage to the motor or other parts may occur.
- Do not block the ventilation slots in the body of this tool.



**PROKIT'S INDUSTRIES CO., LTD.**  
www.prokits.com.tw

©2012 Prokit's Industries Co., LTD. All rights reserved. 2012001