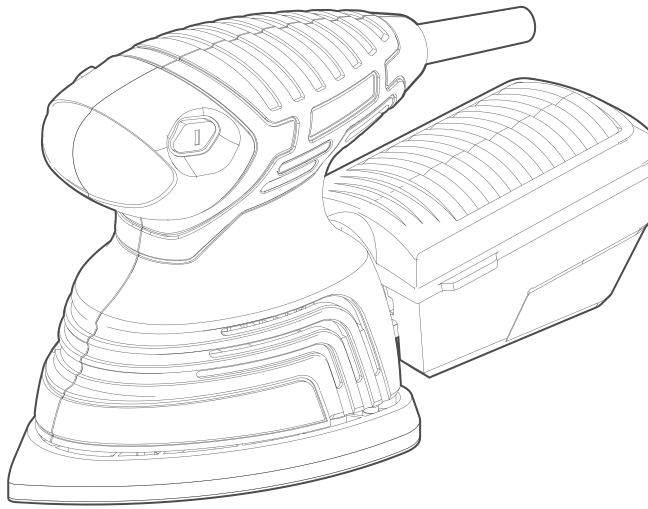
TOPSHAK

User Manual

TS-SD2



Leading new generation tool

GENERAL SAFETY WARNINGS

WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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.

1) Work area safety

a) Keep work area clean and well lit. Cluttered or 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) 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.

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 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.

c) 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.
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.
h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

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 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.
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 tool's 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, 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.
h) Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

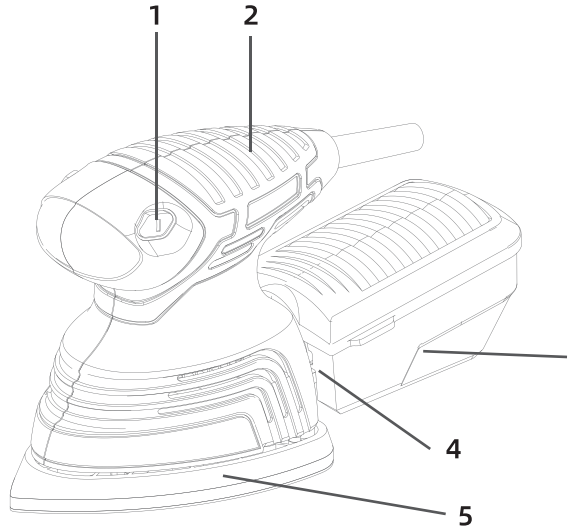
Service

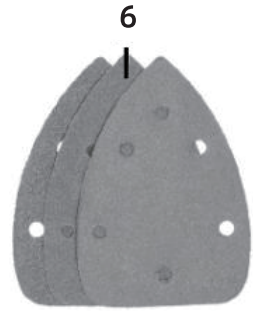
a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY WARNINGS FOR SANDERS

a. Harmful/toxic dusts will arise from sanding e.g. lead painted surfaces, woods and metals. Contact with or inhalation of these dusts can endanger the health of operator and bystanders. Always use eye glasses and dust mask.
b. Hearing protection should be worn when using the sander.
c. Always wear safety glasses or eye shields when using the sander. Everyday eyeglasses have only impact-resistant lenses; they are not safety glasses. Following this rule will reduce the risk of serious personal injury.
d. After long working periods external metal parts and accessories could be hot.
e. If possible, ensure the work-piece is firmly clamped to prevent movement.
f. Your sander is a hand held tool, do not clamp your sander.
g. Before sanding, check the area is free of nails, screws, etc.
h. Never stop the sander by applying a force to the base plate.
i. Only use paper in good condition. Do not use torn or worn paper.
j. Do not sand material containing asbestos due to a health risk.
k. Do not sand lead based paint due to the risk of lead poisoning.
l. Do not eat or drink in the working area of the sander.
m. Do not allow people to enter the working area without wearing a dust mask.
n. Where possible, seal off the working area to contain the dust for later removal.
o. Your tool is designed for dry sanding only, not wet sanding.
p. Do not sand magnesium material due to the risk of fire.

IN THE BOX





Description

1. On/off switch
2. Soft grip
3. Dust collection box
4. Dust outlet
5. Sanding base
6. 12pc sanding paper

OPERATION

NOTE: Before using your sander be sure to read the instruction manual carefully.

Intended Use

This tool is intended for dry sanding of wood, plastic, filler and coated surfaces.

FITTING THE SANDING PAPER (See fig. A)

This sander features an easy hook and loop accessory fastening system for quick changing without clamps.

The sanding sheets are placed directly onto the sanding pad. The hole pattern in the sanding pad and sanding sheet must match. Press the sanding sheet onto the sanding pad by hand. Firmly press the power tool with the sanding sheet against a flat surface and briefly switch the power tool on. This provides for good adhesion and prevents premature wear.

Before placing the sanding sheet, free the sanding pad from dust/debris by lightly tapping against it.

Fig. A

Removing the sanding sheet

Simply remove the sanding sheet directly.

Attaching the dust box (See fig.B)

Your sander is equipped with a removable dust box (3), which is designed for almost dust free working. Insert the removable dust box into the rear dust outlet of sander.
Then pull the removable dust box to make sure it is tightened securely to the dust outlet (See fig. B).

Emptying the dust box

For more efficient operation, empty dust box every 5-10mins. This will permit the air to flow through the box better.
To empty, pull the dust box from the dust outlet and shake out dust.

On/off switch (See fig. C)

To start your sander, depress the protective cover over the switch at the position marked T. To stop your sander, depress the protective cover at the position marked "D".

Using the sander

Your sander is equipped with a teardrop base which allows you to use it on large flat surfaces, as well as difficult and confined areas.
The workpiece to be sanded must be secured. If it is small or it may move during sanding, it must be held in a vice or suitably clamped.
Be sure to hold the sander firmly while it is on and apply it gently to the work, it may "kick" on first contact. Hold the sander so that it is flat on the work and move slowly, preferably with a smooth, circular motion. Regularly check the condition of the sanding paper and replace when worn for best results.

Flush sanding

Your sander can sand flush on three sides of the base-plate which allows easy access to corners and edges of moulding.

Orbital sanding

Your sander operates in small circular rotations which allows efficient material removal.
Operate your sander in long sweeping movements across your workpiece and even across the grain. For a finer finish, always use a fine grain sanding sheet and only move the sander in the direction of the grain and never across the grain.
Do not allow your sander to remain in the same position otherwise you will remove material and create and uneven surface.

MAINTENANCE AND STORAGE

IMPORTANT! Make sure that the tool has been thoroughly cleaned before storing it in a clean, dry and safe place, out of the reach of children.

I1. Switch the product 'OFF' and disconnect it from the power supply before transporting it anywhere.
2. Always carry the product on its gripping surfaces.
3. Protect the product from any heavy impact or strong vibrations, which may occur during transportation in vehicles.
4. Secure the product to prevent it from slipping or falling over.

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

Specifications

Model	TS-SD2
Voltage/Power	120V~ 60Hz/1.1A
No-load Speed	13500r/min
Sanding Pad Size	5.5 x 5.5 x 3.1inch
Protection Class	II / ⧈
NOISE AND VIBRATION DATA	
A Weighted Sound pressure (LpA)	Pending dB(A), k=3dB(A)
A Weighted Sound Power (LwA)	Pending dB(A), k=3dB(A)
Vibrations	ah= Pending m/s2 , K=1,5 m/s2

The sound intensity level for the operator may exceed 80 dB(A) and ear protection measures are necessary.
The declared vibration value has been measured in accordance with a standard test method (according to EN 62841) and may be used for comparing one product with another. The declared vibration value may also be used in a preliminary assessment of exposure.

WARNING: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:

How the tool is used and the materials being cut or drilled.
The tool being in good condition and well maintained.
The use the correct accessory for the tool and ensuring it is sharp and in good condition.
The tightness of the grip on the handles and if any anti vibration accessories are used.
And the tool is being used as intended by its design and these instructions.
This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.
Helping to minimise your vibration exposure risk.
ALWAYS use sharp chisels, drills and blades
Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).
If the tool is to be used regularly then invest in anti-vibration accessories.
Plan your work schedule to spread any high vibration tool use across a number of days.

WARNING SYMBOLS


Warning


Read the instructions


Wear ear protection.


Wear eye protection.


Wear a dust mask.

RECYCLING AND DISPOSAL


Waste electrical products should not be disposed with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advices.

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AJ79

MADE IN CHINA

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