SAKER

CORDLESS BUFFER POLISHER

INSTRUCTION MANUAL

MODEL: SK1202D

Please read the instructions before use

Dear customer,
Thank you for your purchasing of SAKER product in our store.
In order to ensure the safe transportation of products,
we have been continuously optimizing packaging and striving to provide you with the best products.
If the product you received is damaged or has quality problems.
Please contact us through Email below and attach product pictures of related problems, we will reply to you as soon as possible, and provide you with the best solution.
Email:customer@smartsaker.com
Looking forward to your next purchase and wish you a happy life!
Best wishes

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INTRODUCTION

Congratulations on the purchase of your new appliance. You have selected a high-quality product.The operating instructions are part of this product.They contain important information about safety,usage and disposal. Before using the product, please familiarise yourself with all operating and safety instructions. Use the product only as described and for the range of applications specified. Please also pass these operating instructions on to any future owner.

SYMBOLS USED

The following symbols and key words are used in this operating manual, on the drill or on the packaging.

WARNING Indicates a hazard that, if not avoided, could result in death or serious injury.


CAUTION Signals a hazard that can cause injuries when ignored.


read the instructions


Do not discard electrical appliances with household waste.


Protection category 2


Use ear protection


Wear mask

INTENDED PURPOSE

The device is suitable for polishing or sanding paints, plastics, coatings and other smooth surfaces. Any other use that is not explicitly approved in these instructions may result in damage to the equipment and represent a serious danger to the user. The user or operator is responsible for accidents causing injury to other people or damage to property. This equipment is not suitable for commercial use. Commercial use will invalidate t e guarantee.

TECHNICAL DATA	
Battery	
Rated voltage	12V DC
Battery type	Li-Ion
Capacity	2000mAh
Charge time ca. (hours)	About:4 h
Battery charger	
Input voltage	100 - 240 V
Frequency	50/60 Hz
Input current	0.5 A
Output voltage	12V~12.6V DC
Output current	0.6 A
Protection class	II
Tool	
Rated voltage	12 V(DC)
Rated idle speed	2500-5000 rpm
Polisher pad size	145mm（5.7 inch）
Speed Setting	1~6

NOTE

The vibration level specified in these instructions has been measured in accordance with the standardized measuring procedure specified and can be used to make equipment comparisons. The specified vibration emission value can also be used to make an initial exposure estimate.

⚠ WARNING

The vibration level varies in accordance with the use of the power tool and may be higher than the value specified in these instructions in some cases. Regular use of the electric tool in such a way may cause the user to underestimate the vibration. Try to keep the vibration loads as low as possible. Measures to reduce the vibration load are, e.g. wearing gloves and limiting the working time. Wherein all states of operation must be included (e.g. times when the power tool is switched off and times where the power tool is switched on but running without load).

⚠ WARNING Read all safety warnings designated by the

⚠ Symbol and all instructions.

⚠ General power tool 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 ill 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.

NOTE The term “residual current device (RCD)” can be replaced by the term“ground fault circuit interrupter (GFCI)” or “earth leakage circuit breaker (ELCB)”.

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 a 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 and clothing 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 dust collection 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 remove the battery pack, if detachable, 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 and accessories. 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.

5.Battery tool use and care

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

e) Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

f) Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion. NOTE The temperature „130 °C"can be replaced by the temperature „265 °F".

g) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6.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.

b) Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.

⚠ **Joint safety instructions for sandpaper sanding and polishing**

a) This power tool is to be used as a sandpaper sander and polisher. Follow all safety instructions, directives, illustrations and facts which you receive with the device. If you do not observe the following instructions, an electrical shock, fire and/or serious injury may occur.

b) This power tool is not suitable for sharpening, wire brushing and cutting grinding. Using the power tool in ways for which it is not intended may cause hazards and injuries.

c) Do not use any accessories that are not specifically intended and recommended for this power tool by the manufacturer. Being able to attach accessories to the device does not guarantee safe operation.

d) The permissible rotation speed of the attachment tool must be at least as high as the highest rotation speed indicated on the power tool. Accessories that run faster than the allowable speed can break and fly apart.

e) The outside diameter and thickness of the attachment tool must correspond to the dimensions indicated for your power tool. Attachment tools which are wrongly dimensioned cannot be sufficiently shielded or controlled.
f) Attachment tools with threaded attachment must fit the threading of the grinding spindle exactly. For attachment tools which are mounted through a flange, the diameter of the hole in the attachment tool must fit the mounting diameter of the flange. Attachment tools which cannot be precisely attached to the power tool turn unevenly, vibrate very strongly and can ultimately lead to a loss of control.
g) Do not use any damaged attachment tools. Check attachment tools such as grinding discs for chipping or cracks, grinding plates for cracks, wear or strong abrasion and wire brushes for loose or broken wires before using them. If the power tool or the attachment tool falls off, check whether it is damaged or use an undamaged attachment tool. If you have checked the attachment tool and attached it, keep yourself and any nearby persons out of the plane of the rotating attachment tool and allow the device to run for 1 min. at the highest rotational speed. Damaged tools usually break during this test period.
h) Wear personal protective equipment. Depending on the application, use full face shields, eye protection or safety goggles. In so far as it is appropriate, wear dust masks, ear protection, gloves or special aprons which keep small grinding and material particles away from you. Eyes should be protected from the foreign matter which can be caused to fly during the various applications. Dust or breathing masks should filter the dust that iscreated during operation. If you are exposed to loud noise for a long time, you may suffer hearing loss.
i) Ensure that other people are at a safe distance from your working area. Anyone who enters the working area must wear personal protective equipment. Broken bits from the piece being worked or broken attachment tools can fly away and cause injuries even beyond the direct working area.

j) Only hold the electric tool by the insulated gripping surfaces when performing work in which the cutting tool may come into contact with hidden wiring. Contact with a live wire can also cause a charge in metal parts of the appliance and result in an electric shock.

k) Never put the power tool down before the attachment tool has come to a full stop. The rotating attachment tool can come into contact with the surface upon which it is set, whereby you could lose control of the power tool.

l) Never allow the power tool to run whilst you are carrying it. Your clothing may accidentally come into contact with the rotating attachment tool and get caught and the attachment tool could drill into your body.

m) Clean the ventilation slits of your power tool regularly. The motor air pulls dust into the housing and, should too much metallic dust collect, could cause electrical hazards.

n) Never use the power tool near flammable material. Sparks could ignite this material.

o) Do not use attachment tools which require liquid coolant. Using water or another liquid coolant could lead to electrical shock.

Special safety instructions for polishing

a) Do not allow any part of the polisher guard, in particular the fastening straps, to come loose. Stow away or shorten the fastening straps. Any loose, rotating fastening strap could catch on your finger or become caught in the Aworkpiece **Special safety instructions for sanding**

a) **Do not use overly large sandpaper sheets; follow the manufacturer‘s information for sandpaper sizes.** Sandpaper sheets which extend beyond the sanding plate can cause injuries and can block, tear the sandpaper, or cause kickback.

Kickback and corresponding safety instructions

Kickback is the sudden reaction from a hooked or blocked attachment tool such as a grinding disc, grinding plate, wire brush etc. Hooking or blocking leads to an abrupt stop of the rotating attachment tool.

This causes an uncontrolled power tool to accelerate in a direction counter to the rotational direction of the attachment tool. If, for example, a grinding disc cuts into the workpiece or blocks it, the edge of the grinding disc that digs into the workpiece can get caught and, through that, break off the grinding disc or cause a kickback. The grinding disc then moves towards or away from the operator, depending on the direction of rotation of the disc at the blocked spot. Here, the grinding discs can also break.
A kickback is caused by wrongly or incorrectly operating the power tool. It can be avoided by suitable precautionary measures, such as those described below.
a) Firmly hold the power tool and bring your body and your arms into a position in which you can resist the kickback forces.
Always use the additional handle if available to give you the best control over kickback forces or reaction toque during acceleration. The operator can master the kickback and reaction force through suitable precautions.
b) Never bring your hand near to rotating attachment tools. The attachment tool can run over your hand in the kickback.
c) Keep your body away from the area in which the power tool would move during a kickback. The kickback drives the power tool in the counter-direction to the rotation of the grinding disc at the blocked spot.
d) Work particularly cautiously in corner areas or where there are sharp corners etc. Prevent the attachment tools from recoiling from the workpiece and jamming. The rotating attachment tool tends to jam when near corners, sharp edges or when it recoils from such. This causes a loss of control or kickback.
e) Do not use chain or toothed saw blades. Such attachment tools frequently cause a kickback or loss of control over the the power tool.

⚠ **Do not use any paints containing lead or materials containing asbestos.**
For battery tools:

1) Instructions regarding **battery** charging, information regarding ambient temperature range for tool and **battery** use and storage, and the recommended ambient temperature range for the **charging system** during charging;
2) For a battery-operated tool intended for use with a **detachable battery pack** or a **separable battery pack:** instructions indicating the appropriate battery packs for use, such as by a catalog number, series identification or the equivalent;
3) Instructions indicating the appropriate **charger** for use, such as by a catalog number, series identification or the equivalent.
4)For battery tools with integral battery: instruction, how the integral battery can be removed safely from the tool after the tool's end of life, and information about the type of battery such as Li-Ion, NiCd and NiMH.

⚠ WARNING

Hold the power tool by the insulated gripping surfaces when performing an operation where the screw or attached tool could come into contact withhidden wiring. Contact between the screw or attached tool and a live wire may cause exposed metal parts of the power tool to become live and give the operator an electric shock.

Safety guidelines for battery chargers

This appliance may be used by children aged 8 years and above and by persons with limited physical, sensory or mental capabilities or lack of experience and knowledge, provided that they are under supervision or have been told how to use the appliance safely and are aware of the potential risks. Children must not play with the appliance. Cleaning and user maintenance tasks may not be carried out by children unless they are supervised.


The charger is suitable for indoor use only

⚠ WARNING

To avoid potential risks, damaged mains cables should be replaced by the manufacturer or the manufacturer's customer service department or a similarly qualified person.

Before use Charging the battery pack

⚠ CAUTION

Always pull out the plug before you remove the battery pack from or connect the battery pack to the charger.
Never charge the battery pack when the ambient temperature is below 4°C or above 40°C.
Connect the battery pack to the battery charger.
Insert the power plug into the socket to charge.
When in charging, the LED light below indicates red.
The light turns to green when the battery is fully charged.
The charging time is about 4 hours

Insert the battery pack back into the appliance.

Operation
Removing/inserting the Battery
1. To remove the battery from the appliance, press the release button on the battery and pull out the battery.
2. To insert the battery, place it on the guide track and push it into the appliance. It will audibly snap in.

Attaching/changing the attachments

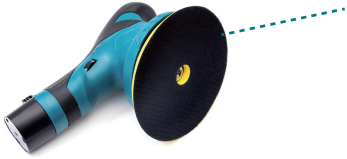
The attachments are fastened using a Velcro strip to the polishing disc.

Attaching

1. Place the desired attachment centrally onto the polishing disc.
2. Firmly press the attachment onto the polishing disc.

Removing/changing

1. Pull the attachment sideways from the polishing disc.



Switching on and off

1. To switch on, tilt the on/off switch to position “I“, the device turns on.
2. To switch off, tilt the on/off switch to position “0“, the device turns off.
3. Firmly hold the device with both hands on the handle.

Setting the rotational speed

• Adjust the speed setting wheel to a position between 1 and 6.

Checking the battery charge level

- The battery charge indicator signalizes the state of charge of the battery by illuminating the corresponding LED lights when the device is in operation. To see the charge level, keep the on/off switchde-pressed.
- GREEN/RED/ORANGE = maximum charge/performance
- RED/ORANGE = medium charge/performance
- RED = low charge – charge the battery

Working instructions

Securing the workpiece

Fasten and secure the workpiece by means of jigs, a vice or with another method on a stable surface. If you hold the workpiece only with your hand, foot or against your own body, it will stay instable and this can lead to a loss of control.

Touching up

For touch-up work, choose the sandpaper.

If required, polish the workpiece being machined after the touch-up.

Polishing

- Please refer to the information from the polishing agent manufacturer.
- Test the polishing pads, imitation fur and polishing agent prior to use on an inconspicuous area.
- Use the orange polishing pad for pre-polishing, the black polishing pad for post-polishing, and the imitation fur for high-gloss polishing and to remove excess polishing agent.
- Put some polishing agent onto the polishing pad. Put polishing agent onto an area slightly smaller than the area you wish to polish on the workpiece and spread the polishing agent manually.
- Move the device evenly over the surface to be polished.
- Do not apply any pressure. Pressing onto the workpiece does not improve the work result.
- Do not allow the polishing agent to dry. Therefore, do not work in direct sunlight or on a heated surface. There is a risk of surface damage!

Maintenance and cleaning

WARNING! RISK OF INJURY! Always switch the appliance off and remove the battery before carrying out any work on the appliance.

The cordless drill is maintenance-free.

- The appliance must always be kept clean, dry and free from oil or grease.
- Never allow liquids to get into the appliance.
- Use a soft, dry cloth to clean the housing. Never use petrol, solvents or cleansers which can damage plastic.
- If a lithium-ion battery is to be stored for an extended period, the charge level

NOTE

Replacement parts not listed (such as batteries, switches) can be ordered via our service hotline.

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