

Wickes

CORDLESS DETAIL SANDER

18V LITHIUM



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223744

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ORIGINAL INSTRUCTION

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 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 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/**

GENERAL POWER TOOL SAFETY WARNINGS

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.

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.

SAFETY WARNINGS FOR BATTERY PACK

- a) **Do not dismantle, open or shred cells or battery pack.**
- b) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.** *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.*
- c) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- d) **Do not subject battery pack to mechanical shock.**
- e) **In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- f) **Seek medical advice immediately if a cell or battery pack has been swallowed.**
- g) **Keep battery pack clean and dry.**
- h) **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- i) **Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**
- j) **Do not maintain battery pack on charge when not in use.**
- k) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- l) **Battery pack gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).**
- m) **When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.**
- n) **Recharge only with the charger specified by manufacturer. Do not use any charger other than that specifically provided for use with the equipment.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
- o) **Do not use any battery pack which is not designed for use with the equipment.**
- p) **Keep battery pack out of the reach of children.**
- q) **Retain the original product literature for future reference.**
- r) **Remove the battery from the equipment when not in use.**
- s) **Dispose of properly.**
- t) **Do not mix cells of different manufacture, capacity, size or type within a device.**
- u) **Do not remove battery pack from its original packaging until required for use.**
- v) **Observe the plus (+) and minus (-) marks on the battery and ensure correct use.**

GENERAL SAFETY WARNINGS FOR BATTERY CHARGER

 **WARNING! Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

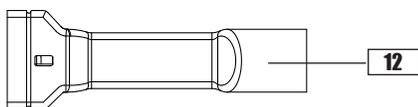
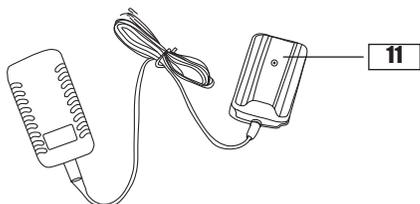
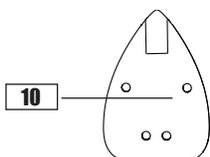
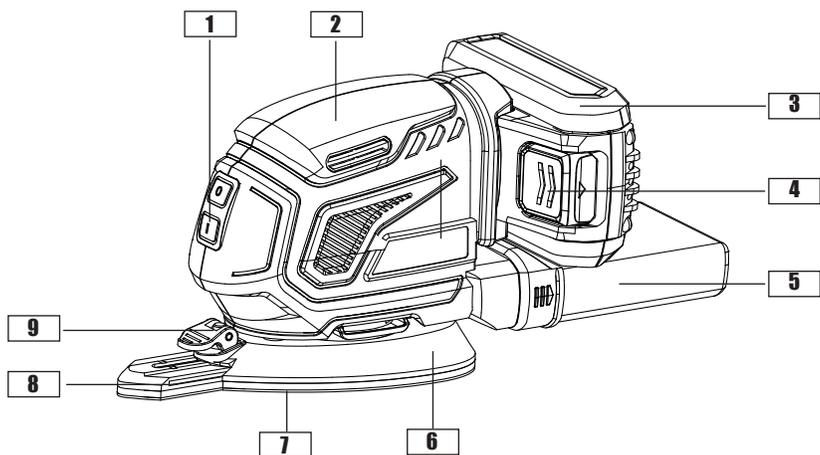
Save all warnings and instructions for future reference.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Additional safety instructions for your battery charger

1. Before charging, read the instructions.
2. Do not charge a leaking battery.
3. Do not use chargers for purposes other than those for which they are designed.
4. Before charging, ensure your local power supply matches that required for your charger.
5. For indoor use only.
6. The charging device must be protected from moisture.
7. Do not short out the contacts of battery or charger.
8. Respect the polarity “+/-“ when charging.
9. Do not open the unit
10. Keep out of the reach of children.
11. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
12. Keep battery charger's slots are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
13. When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.
14. Do not recharge non-rechargeable batteries, as they can overheat and break.
15. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18°C and 24°C. Do not charge the battery pack in air temperatures below 0°C, or above 40°C. This is important as it can prevent serious damage to the battery pack.
16. Charge only battery pack of the same model provided by manufacturer and of models recommended by manufacturer.

COMPONENT LIST



- | | | | |
|----------|-----------------------------|-----------|-------------------------------------------------|
| 1 | On/off switch | 7 | Hook and Loop base |
| 2 | Soft grip handle | 8 | Finger pad |
| 3 | Battery pack | 9 | Lock lever for finger pad |
| 4 | Battery pack release button | 10 | Sanding paper x 3 (Also fitting for finger pad) |
| 5 | Dust bag | 11 | Charger |
| 6 | Sanding plate | 12 | Vacuum adapter |

ACCESSORIES

1 hr charger (ACG118W3)	1
2.0 Ah Li-ion battery pack (ABP1820HW)	1
Sanding sheets (60G, 80G, 120G)	3
Finger sanding sheets (60G, 80G, 120G)	3
Dust bag	1
Vacuum adapter	1

We recommend that you purchase your accessories from the same store that sold you the tool. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

SYMBOLS



To reduce the risk of injury, read all of this instruction manual



Warning



Wear ear protection



Wear eye protection



Wear dust mask



Indoor use only



Do not burn



Batteries may enter water cycle if disposed improperly, which can be hazardous for ecosystem. Do not dispose of waste batteries as unsorted municipal waste.



Read the operator's manual.



Li-ion



Li-ion battery. This product has been marked with a symbol relating to 'separate collection' for all battery packs and battery pack. It will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.



Double insulated



Fuse



Positive terminal



Negative terminal



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

TECHNICAL DATA

Voltage	18V 
No load speed	13000/min
Base size	140°140°80mm
Machine weight	1.07 kg
Charger Protection class	 /II
Charging time	1hr
Charger Input	100-240V~50/60Hz, 55W
Charger Output	20VDC 2.0A
Battery capacity	2.0Ah Li-ion battery
Battery Model	ABP1820HW
Charger Model	ACG118W3

For additional battery technical data, refer to the rating plate on the battery pack.

NOISE INFORMATION

A weighted sound pressure	L_{pA} : 75.6 dB(A)
A weighted sound power	L_{wA} : 86.5 dB(A)
K_{pA} & K_{wA}	3.0 dB(A)
Wear ear protection.	

VIBRATION INFORMATION

Vibration total values (triax vector sum) determined according to EN 62841:

Vibration emission value	$a_h = 8.34 \text{ m/s}^2$
	Uncertainty $K = 1.5 \text{ m/s}^2$

The declared vibration total value and the declared noise emission value have been measured in accordance with a standard test method and may be used for comparing one tool with another.

The declared vibration total value and the declared noise emission value may also be used in a preliminary assessment of exposure.

 **WARNING!** The vibration and noise emissions during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used especially what kind of workpiece is processed 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 of 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 and noise 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 minimize 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 and noise accessories.

Plan your work schedule to spread any high vibration tool use across a number of days.

OPERATING INSTRUCTIONS



NOTE: Before using the tool, read the instruction book carefully.

Intended Use

The machine is intended for dry sanding of wood, plastic, filler and coated surfaces.

ASSEMBLY

1. FITTING THE SANDING PAPER (SEE FIG. A)

WARNING: Always ensure that the sander is switched off and the battery pack is removed before making any adjustments.

Remove any dust or dirt from the sanding plate, place the sanding paper directly onto the base plate. Make sure the sanding paper is even with the edges of the sanding plate, and that the dust collection holes in the hook and loop base and sanding paper are aligned, with the sanding paper evenly overlapping the detail sanding plate.

WARNING: Never use your sander without a sanding paper applied.

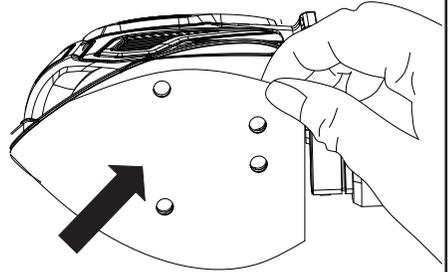


Fig. A

2. ATTACHING THE DUST BAG (SEE FIG. B)

Your sander is equipped with a dust bag. To attach, insert the dust bag into the dust outlet port fully. Check to see if the dust bag is locked in place.

CAUTION: To prevent the possibility of sanding dust or foreign body being thrown into your face or eyes, never attempt to use your sander without the dust bag properly installed.

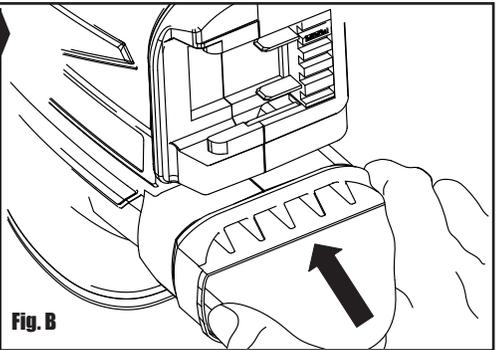


Fig. B

3. REMOVE AND EMPTY THE DUST BAG (SEE FIG. C)

For more efficient operation, empty the dust bag after every 5-10 minutes of operation. This will permit the air to flow through the dust bag more effectively.

Pull the dust bag out from the dust outlet port of the sander. Shake out the dust. It is recommended to clean the filter regularly for better performance.

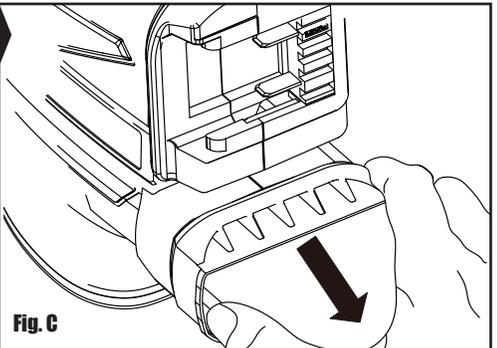


Fig. C

4. DUST EXTRACTION OUTLET (SEE FIG. D1, D2)

Your sander is equipped with a vacuum adapter which can be connected to an external dust extraction. Using an external dust extractor will dramatically improve the performance of your sander. To attach the vacuum adapter, insert it into the dust outlet port fully. Check to see if the vacuum adapter is locked in place.

NOTE:

- The vacuum adapter must not be mounted when no external dust extraction is connected. Otherwise there is danger of the extraction system becoming clogged.
- Clean the vacuum adapter regularly to ensure optimum dust extraction. The external vacuum cleaner must be suitable for the material to be worked.

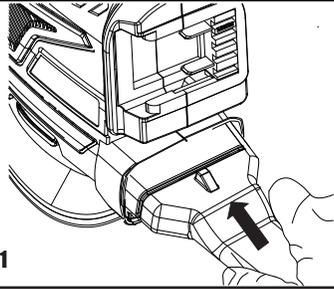


Fig. D1

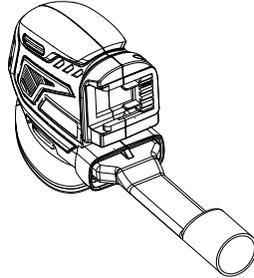


Fig. D2

5. FINGER PAD (SEE FIG. E1, E2, E3)

- 1) To access the finger pad, raise the lock lever for finger pad upwards.
- 2) Pull the finger pad out.
- 3) To re-secure the finger pad in position, press the lock lever for finger pad down.

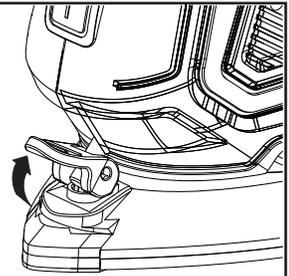


Fig. E1

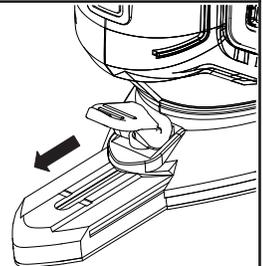


Fig. E2

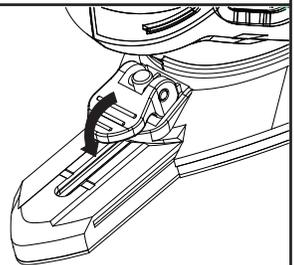


Fig. E3

6. SELECT THE RIGHT SAND PAPER

Selecting the correct grit of sandpaper is an extremely important decision that will allow you to achieve the best quality sanding finish.

Coarse grit (60G) will remove the most material and finer grit (120G) will give you the best finish in all sanding operations. The condition of the surface to be sanded will determine which grit will do the job.

If the surface is rough:

Start with coarse grit (60G) and sand until the surface is uniform. Then use medium to remove any scratches left by the coarse grit. Then use finer grit (120G) for finishing the surface.

NOTE: Always continue sanding with each grit until the surface is uniform.

BEFORE PUTTING INTO OPERATION

1. CHARGING THE BATTERY PACK

! WARNING: The charger and battery pack are specially designed to work together so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because an electrical failure and hazard will occur.

NOTE:

- If the battery pack is very hot you must remove your battery pack from the charger and allow your battery pack to cool first to ambient temperature and then recharging can be started.
- The battery must be fully charged before storage. If the tool is not used for long periods, recharge the battery at least every 3-6 months.

2. HOW TO CHARGE YOUR BATTERY PACK (SEE FIG. F)

CHARGING PROCEDURE

- Plug the charger (11) into an appropriate outlet. The light will be green.
- Slide the battery pack into the charger, the light will turn to red to indicate the charging process has started.
- When charging is completed, the light will turn to green. The pack is now fully charged, unplug the charger and remove the battery pack.

! WARNING: If the battery pack is warm e.g. after continuous use or after exposure to direct sunlight or heat, allow time to cool down before re-charging to achieve the full charge.

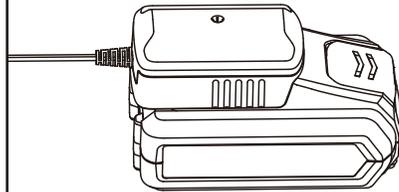


Fig. F

CHARGING INDICATOR

Light	Status
Red on ● []	Charging
Green on ● []	Fully Charged

3. TO REMOVE THE BATTERY PACK (SEE FIG. G1)

Depress the battery pack release button firmly first and then slide the battery pack out from your tool.

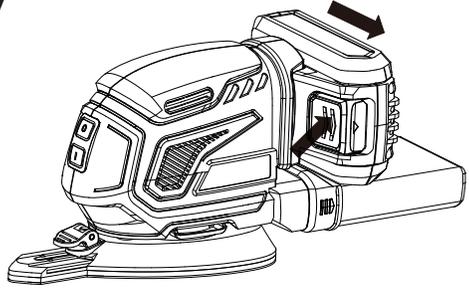


Fig. G1

4. TO INSTALL THE BATTERY PACK (SEE FIG. G2)

Slide the fully charged battery pack onto the tool with sufficient force until it clicks into position.

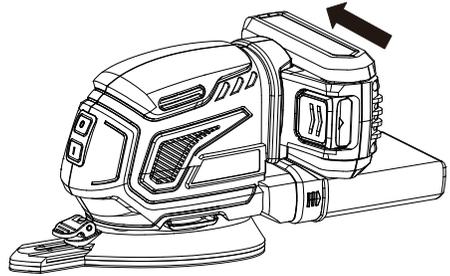


Fig. G2

OPERATION

1. ON/OFF SWITCH (SEE FIG. H)

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

To stop your sander, depress the protective cover at the position marked "O".

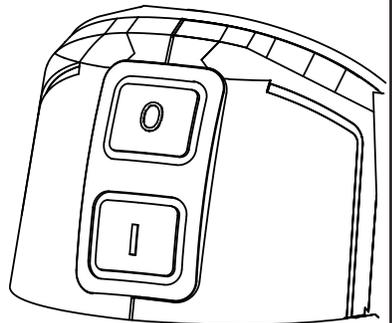


Fig. H

2. FLUSH SANDING FACILITY (SEE FIG. I)

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

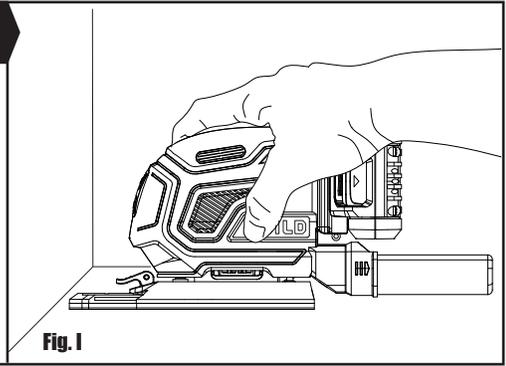


Fig. I

3. ORBITAL SANDING

Your sander operates in small circular rotations which allows efficient material removal.

Operate the sander in long sweeping movements across your workpiece and even across the grain. For a finer finish, always use a fine grain sandpaper and only move the sander in the direction of the grain and never across the grain.

Do not allow the sander to remain in the same position otherwise you will remove material and create an uneven surface.

4. FINGER PAD (SEE FIG. J1, J2)

This sander has a finger pad, which is suitable for fine sanding in corners, edges, or hard-to reach areas. Start the sander then apply the finger pad to the work piece.

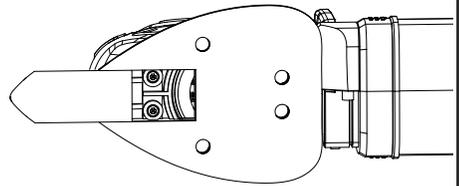


Fig. J1

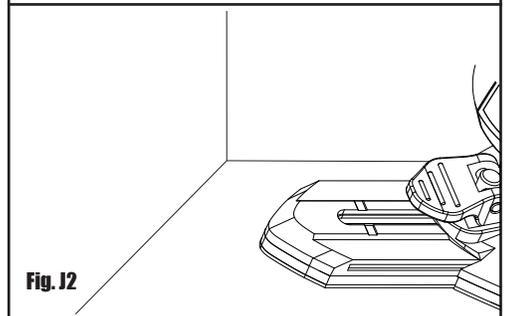


Fig. J2

WORKING HINTS FOR YOUR SANDER

1. If your power tool becomes too hot, especially when used at low speed, set the speed to maximum and run it with no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds. Always use sand paper that is suitable for the material you want to sand.
2. Always ensure the work-piece is firmly held or clamped to prevent movement.
3. Any movement of the material may affect the quality of the sanding finish.
4. Start your sander before sanding and turn it off only after you stop sanding. For the best results, sand wood in the direction of the grain.
5. Do not start sanding without having the sandpaper fitted.
6. Do not allow the sandpaper to wear away it will damage the base-plate. The guarantee does not cover base-plate wear and tear.
7. Use coarse grit paper to sand rough surfaces, medium grit for smooth surfaces and fine grit for the final surfaces. If necessary, first make a test run on scrap material.
8. Use only good quality sandpaper.
9. The sandpaper controls the sanding efficiency, not the amount of force you apply to the tool. Excessive force will reduce the sanding efficiency and cause motor overload. Replacing the sandpaper regularly will maintain optimum sanding efficiency.

MAINTENANCE

Remove the battery pack from the tool before carrying out any adjustment, servicing or maintenance.

Your tool requires no additional lubrication or maintenance.

There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

Remove the battery pack from the tool if the tool is not used for more than 24 hours.

For Battery tools

The ambient temperature range for the use and storage of tool and battery is 0°C-45°C.

The recommended ambient temperature range for the charging system during charging is 0°C-40°C.

TROUBLESHOOTING

Fault	Cause	Remedy
Low efficiency in vacuuming	Too much dust in the dust bag.	Clean and empty the dust bag.
The sander does not start up after switch on.	Battery depleted.	Charge the battery.
	Defective on/off switch.	Contact the service centre.
	Defective motor.	Contact the service centre.
The sander stops during use.	Low battery.	Charge the battery.
Workpiece grinded is not smooth. Regular sanding marks exist.	Rough sanding paper. The density of grit is too low.	Change a proper sanding paper with higher density of grit.
Low grinding efficiency.	Worn sanding paper.	Replace it with a new sanding paper.
	The density of grit of the sanding paper is too high.	Change a proper sanding paper with lower density of grit.

ENVIRONMENTAL PROTECTION



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

DECLARATION OF CONFORMITY

We,
Wickes Building Supplies Limited

Declare that this product: CORDLESS DETAIL SANDER

Description and SKU code: 223744

Complies with the following Directives and Regulations:

2006/42/EC, Machinery Directive

2014/30/EU, Electromagnetic Compatibility Directive

2011/65/EU & (EU)2015/863 (RoHS), Restriction of Hazardous Substances Directive

2014/35/EU, Low Voltage Directive

and conforms to the following standards:

Standards specific to this product:

EN 62841-1

EN 62841-2-4

EN 55014-1

EN 55014-2

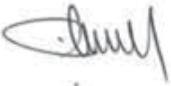
EN 61000-3-2

EN 61000-3-3

EN 60335-1

EN 60335-2-29

EN 62233



28th January, 2021

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