



***XHD Lithium
Cordless Orbital
Sander 125mm
18V - Bare Tool***

TSC26



OPERATORS MANUAL



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Note:

This manual is for your reference only. Due to the continuous improvement of the XHD Lithium products, changes may be made at any time without obligation or notice.

Thank You

For the purchase of this XHD Lithium product. We try our hardest to supply customers like you with the best quality products available, at the best price possible. We cant wait to continue working together in the future.



SPECIFICATIONS

<i>Pad Size</i>	125mm
<i>No Load Speed</i>	10000 RPM
<i>Product Dimensions</i>	220 x 130 x 170mm
<i>Pad Type</i>	Hook & Loop
<i>Net Weight</i>	1.0kg
<i>Rated Voltage</i>	18 VDC

PRODUCT IDENTIFICATION



- 1 Rubberised Ergonomic Handle
- 2 Dust Extraction Port
- 3 Ventilation Ports
- 4 Backing Pad
- 5 ON/OFF Button
- 6 XHD Battery (Not Included)



SAFETY GUIDELINES

WARNING

READ ALL SAFETY WARNINGS & INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire.

Work Area Safety

- **Ensure that your work area is kept clean and well lit.** Lack of visibility and clutter greatly increase the risk of accident when using tools.
- **Keep bystanders, pets, and children clear when operating this power tool or machine.** They can cause distraction or risk injury to themselves.
- **Ensure you are not operating the power tool or machinery in the presence of dust, liquids, flammable gases, or anything that can create an explosive atmosphere.** Power tools and machinery can create sparks which can lead to ignition and fire hazards in working environments.

Personal Safety

- **Always wear personal protective equipment (PPE).** Eye protection, ear protection, dust masks, and other protective equipment will help to reduce the risk of personal injury or long-term illnesses.
- **Dress appropriately. DO NOT wear loose clothing that can get caught in moving parts.** Keep hair, loose clothing, jewellery, and anything else that could be of risk, away

from moving parts in the machine, or they could become caught therein.

- **Always remain alert and DO NOT operate power tools or machinery under the influence of any substances such as alcohol or drugs, including prescription medications.** Lack of focus could lead to injury or accidents while operating these power tools and machinery.
- **Always ensure proper footing and balance.** Overreaching can lead to slipping and falling which can result in injury or accident.
- **Ensure the power switch is in the OFF position before connecting any battery, or power source to the power tool or machinery.** This can cause injury as tools and machinery can suddenly fire incidentally when live, causing accidents.
- **Use all provided dust collection and extraction attachments, if included.** This equipment, along with the use of PPE dust masks, can help keep you safe from dust inhalation, and keep your work site clear from hazards.
- **Ensure loose parts such as wrenches or adjusting keys are removed before starting the power tool or machinery.**



SAFETY GUIDELINES

Power Tool & Machinery Use & Care

- **Use the correct tool for the job.** Forcing a tool to do a job it was not designed for increases the risk of accident or injury.
- **Disconnect tools and machinery from power, or remove batteries before doing any maintenance or adjustments, or before storing the tools and machinery.** This reduces or removes the risk of a power connection that causes the tool or machinery to accidentally fire, which can help prevent injury or accident.
- **Check the general condition of the power tool for damage or any problems that could affect the way the tool or machine works.** An unrepaired tool or machine can lead to accident and injury. Only have your tool or machine repaired with genuine parts from your local distributor
- **Only use the power tool and machinery with genuine parts or accessories that are designed to be used with this power tool and machinery.** Failure to do so could result in accident or injury, or damage your tool or machinery.
- **Store your tool or machinery out of reach of children, and away from untrained personnel when not in use.** Use by somebody untrained, or a child, could lead to accident or serious injury.

Service

- **Have your tools and machinery serviced by your local distributor with genuine XHD Lithium replacement parts.** This will ensure that the safety of the power tool or machine is maintained.

WARNING

The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Always Use Common Sense

- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. If you get into a situation where you feel unsafe, stop and seek expert advice. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!
- **Do not let familiarity gained from the 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.



SAFETY GUIDELINES

Battery Tool Use & Care

- Prevent unintentional starting. Ensure the switch is in the OFF position before connecting to the battery pack, picking up, or carrying the machine. Carrying the machine with your finger on the switch or energising a machine that has the switch ON invites accidents.
- Disconnect the battery pack from the machine before making any adjustments, changing accessories, or storing the machine. Such preventive safety measures reduce the risk of starting the machine accidentally.
- Recharge the battery 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.
- Use machines only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush the area with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may be acidic and may cause irritation or burns.
- Do not use a battery pack or machine that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion, or risk of injury.
- Do not expose a battery pack or machine to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or machine outside of the temperature range specified in the instructions.
- Charging the battery improperly, or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Have servicing performed by a local XHD distributor repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the machine or the battery pack except as indicated in the instructions for use and care.

Battery Long Life Tips

- Charge the battery cartridge before it is completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
- Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
- Charge the battery cartridge with room temperature at 10°C – 40°C. Allow a hot battery cartridge to cool before charging it.
- Charge the battery cartridge once in every six months if you do not use it for extended periods at a time.



SAFETY GUIDELINES

Sander Specific Safety

- For the sake of your health, always wear adequate PPE gear, such as a dust mask and safety goggles, before you start sanding. Ordinary eye or sun glasses are NOT safety glasses.
- Hold the tool firmly.
- Do not leave the tool running. Operate the tool only when hand-held.
- This tool has not been waterproofed, so do not use water on the workpiece surface.
- Ventilate your work area adequately when you perform sanding operations. It is recommended you use a form of dust extraction with this sort of tool.
- Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.
- Use of this tool to sand some products, paints and wood could expose the user to dust containing hazardous substances. Use appropriate respiratory protection.
- Be sure that there are no cracks or breakage on the pad before use. Cracks or breakage may cause a personal injury.
- Before you commence sanding, ensure you have adequate footing and an even floor surface so you do not slip during operation.
- It is best practice for the longevity of the machine to keep the sander clean at all times and check for damage before and after each use.

ASSEMBLY

CAUTION

Always be sure that the machine is switched off and the battery cartridge is removed before assembling or disassembling the machine.

CAUTION

Hold the machine and the battery cartridge firmly when installing or removing the battery. Failure to do so may cause them to slip off your hands and result in damage to the machine, battery cartridge, and a personal injury.

Always install the battery cartridge fully until the red indicator light cannot be seen. If not, it may accidentally fall out of the machine.

Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Installing & Removing the Battery Cartridge

- To remove the battery cartridge, slide it from the tool while depressing the button on the front of the cartridge. To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click.



- Lithium-Ion batteries are equipped with a protection system. This system automatically cuts off power to the tool to extend battery life.
- The tool will automatically stop during operation if the tool and/or battery are placed under one of the following conditions:

Overloaded:

- The tool is operated in a manner that causes it to draw an abnormally high current. In this situation, stop the application that caused the tool to become overloaded. Then press the start/speed adjusting button again to restart.
- If the tool does not start, the battery is overheated. In this situation, let the battery cool before pressing the start/speed adjusting button.

Low Battery Voltage:

- The remaining battery capacity is too low and the tool will not operate. In this situation, remove and recharge the battery.

ASSEMBLY

Switch Action Button

- To start the tool, press the start adjusting button.
- The tool will start in high speed mode.
- To stop the tool, press the stop button.



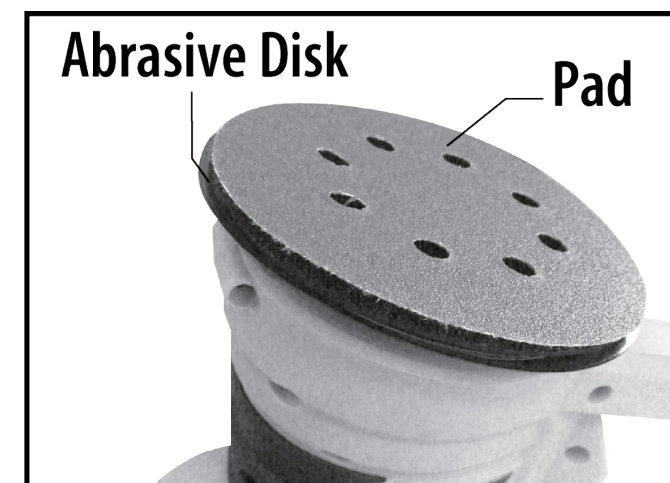
Installing the Dust Bag

- Install the dust bag on the tool with its mouth directing downwards.



Installing the Abrasive Disc

- To install the abrasive disc, first remove all dirt or foreign matter from the pad. Then attach the abrasive disc to the pad. Be careful to align the holes in the abrasive disc with those in the pad.



OPERATION

WARNING

Never switch on the tool when it is in contact with the workpiece, it may cause an injury to the operator.

CAUTION

Never run the tool without the abrasive disc. You may seriously damage the pad.

Never force the tool. Excessive pressure may decrease the sanding efficiency, damage the abrasive disc or shorten tool life.

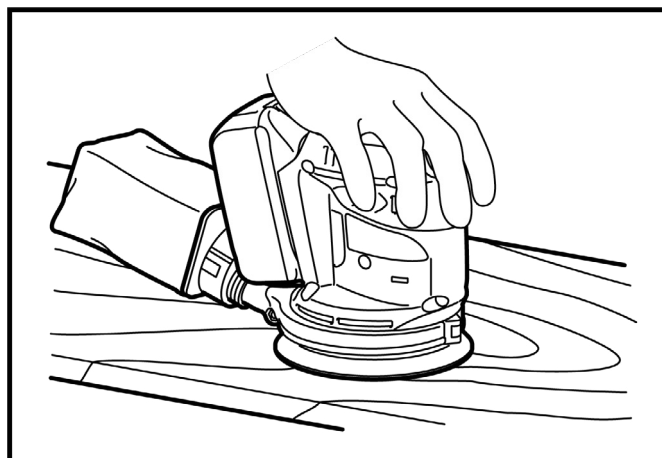
Using the tool with the pad edge contacting the workpiece may damage the pad.

Sanding Operation

- Hold the tool firmly. Turn the tool on and wait until it attains full speed. Then gently place the tool on the workpiece surface. Keep the pad flush with the workpiece and apply slight pressure on the tool.

CAUTION

The sanding pad rotates clockwise during the loaded operation, but it may rotate counter-clockwise during the no-load operation.



Polishing Operation

- Use only high-quality sponge pads, felt pads, or wool pads (optional accessories).
- Always operate the tool at low speed to prevent work surfaces from heating abnormally.
- Never force the tool. Excessive pressure may decrease the polishing efficiency and cause the motor to overload, resulting in tool malfunction.

MAINTENANCE

- Before cleaning or performing any maintenance, you must ensure the tool is switched off and disconnected from the power supply.
- Compressed air is the most effective way to clean this tool. Always wear PPE safety goggles when cleaning tools with compressed air.
- Ventilation openings and switch levers must be kept clean. DO NOT attempt to clean by inserting pointed objects through openings.
- Do not use harsh chemicals or solvents when cleaning this tool. Never use gasoline, benzine, thinner, alcohol or the like. Discolouration, deformation or cracks may result.
- If you discover any damaged or broken parts, consult your local XHD distributor for replacements and advise.

WARNING

Always be sure that the tool is switched off and the battery removed before attempting to perform any inspection or maintenance.

Environment & Disposal

- Packaging materials are raw materials and can be re-used. Separate the different packaging materials and take them to the appropriate waste disposal facility. More information can be obtained from your local authorities.
- Old machines do not belong in your household garbage! Dispose of old machines appropriately, we are all responsible for the environment.