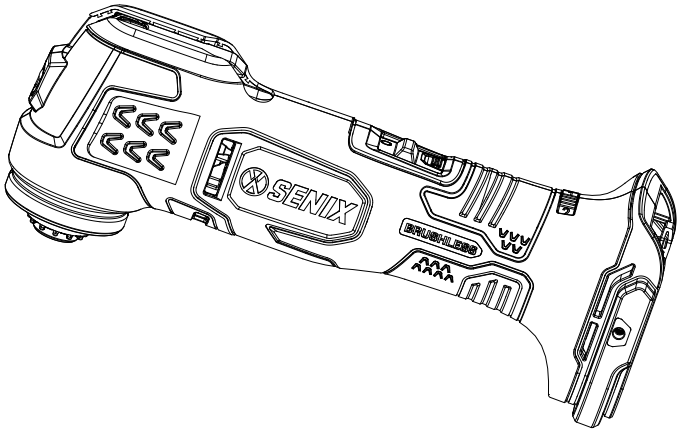
Instruction Manual

Model: POX2-M-EU

X2 18V* LITHIUM-ION BRUSHLESS™

CORDLESS OSCILLATING MULTI-TOOL



- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

CAUTION: Before using this tool, please read this manual completely, and follow all operating safety measures.

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For customer support, please call 1300 461 825 or email us at info@senixtool.com

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SAFETY & INTERNATIONAL SYMBOLS

Explanation of Safety & International Symbols describes safety and international symbols and pictographs that may appear on this product. Read the operator's manual for complete safety, assembly, operating and maintenance and repair information


Caution / Warning.


To reduce the risk of injury, user must read instruction manual.


Wear eye protection.


Wear ear protection.


Wear a dust mask.


Wear safety footwear.


Wear protective gloves.


Beware of pinch points.


RCM mark


Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

SAFETY 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 of the tool or workpiece.*

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.*

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 energizing 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 jewelry. Keep your hair and clothing away from moving parts.** *Loose clothes, jewelry 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 such as 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, seek additional 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 behavior 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 212°F (100°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.*

WARNING!

Use only SENIX X2 batteries (B20X2/B25X2/B40X2/B50X2/B60X2/B80X2) and chargers (CHX2/CHQX2/CHQX2-M-EU/CHDX2-M-EU).

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.*

SPECIFIC SAFETY RULES FOR MULTI-TOOL

- **Hold the power tool by insulated gripping surfaces, because the sanding surface may contact its own cord.** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** *Holding the work by hand or against your body leaves it unstable and may lead to loss of control.*
- **To reduce the risk of explosion, electric shock and property damage, always check the work area for hidden gas pipes, electrical wires or water pipes when making blind or plunge cuts.**
- **Keep hands away from all cutting edges and moving parts.** *Do not reach underneath the workpiece.*
- **Do not use dull or damaged blade, which can cause excessive friction, blade binding and kickback.**
- **Know your workpiece. Remove nail and screw heads before scraping.** *Hitting hard objects with blade may cause the tool to kick back.*

VIBRATION AND NOISE REDUCTION

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment. Take the following points into account to minimize the vibration and noise exposure risks.

- Only use the product as intended by its design and these instructions.
- Ensure that the product is in good condition and well maintained.
- Use correct attachments for the product and ensure they are in good condition.
- Keep tight grip on the handles/grip surface.
- Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
- Plan your work schedule to spread any high vibration tool use across a longer period of time.

EMERGENCY

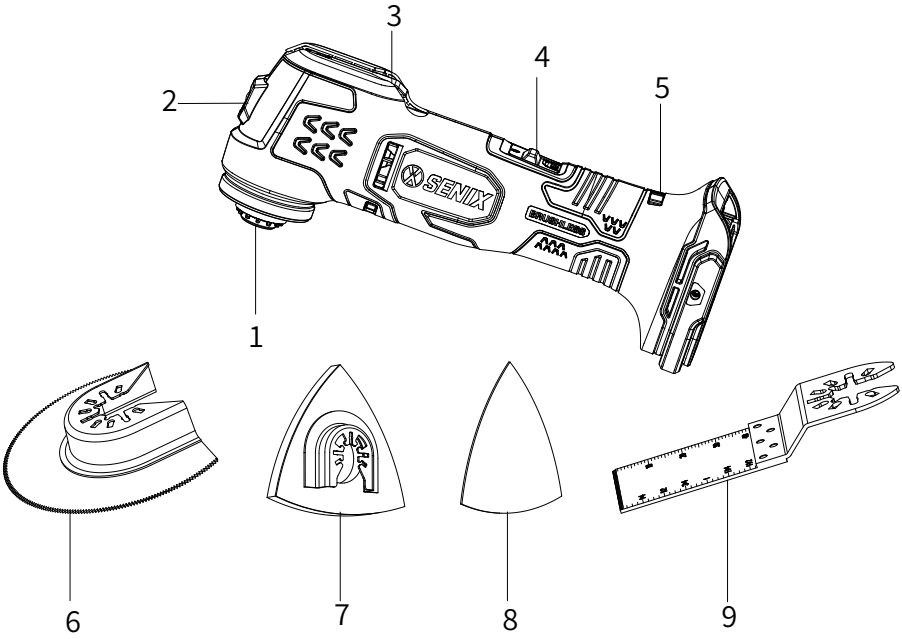
Familiarize yourself with the use of this product by means of this instruction manual. Memorize the safety directions and follow them to the letter. This will help to prevent risks and hazards.

- Always be alert when using this product, so that you can recognize and handle risks early. Fast intervention can prevent serious injury and damage to property.
- Switch off the product and remove the battery pack if there are malfunctions. Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

INTENDED USE

This oscillating multi-tool is intended for sawing, sanding and cutting wood-based materials, plastic, plasterboard, non-ferrous metals and mounting elements (e.g. nails, clamps). Do not use it for other purposes.

KNOW YOUR UNIT



APPLICATIONS
Model: POX2-M-EU
As an oscillating multi-tool
Sawing, sanding and cutting wood-based materials, plastic, plasterboard, non-ferrous metals and mounting elements (e.g. nails, clamps).

1	Spindle
2	LED Light
3	Spindle Lock Lever
4	Sliding Power Switch
5	Variable Speed Dial

6	Flush Cut Blade
7	Sanding Pad
8	Sandpaper Sheet
9	Plunge Cut Blade

SPECIFICATIONS*

Model	POX2-M-EU
Input Voltage	18 V ⎓ (20 V ⎓ MAX)
LED Light	Yes
Oscillations Per Minute (OPM)	10,000-20,000 OPM
Oscillation Angle	4°
Speed Settings	6
Weight (Tool Only)	1.8 kg

*20V Max battery, maximum initial battery voltage (measured without a workload) is 20V. The nominal voltage is 18V.

ASSEMBLY

1. Unpack all parts and lay them on a flat, stable surface.
2. Remove all packing materials and shipping devices, if applicable.
3. The scope of delivery varies depending on the country and purchased variant.

- Multi-tool x1
- Flush cut blade x1
- Sanding pad x1
- Sandpaper sheets x3
- Plunge cut blade x1
- Instruction manual x1

4. If you find that parts are missing or show damage do not use the product and contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
5. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

WARNING!

Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling.

Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product! Do not insert the battery pack before the power tool is completely assembled or adjusted!

INSTALLING/REMOVING ACCESSORIES

WARNING!

Do not install accessories upside down. Installing accessories upside down may damage the tool and cause serious personal injury.

1. Fully open the spindle lock lever to release and remove the spindle. The spindle lock lever should remain fully open.

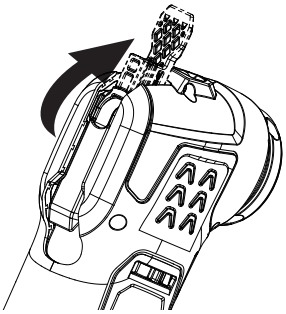


Fig. 1

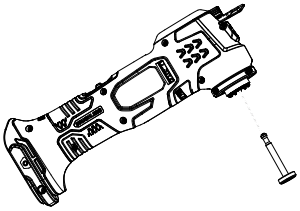


Fig. 2

Place the desired accessory on the head of the tool so that the openings on the accessory interlock with the raised teeth of the tool head. Reinstall the spindle.

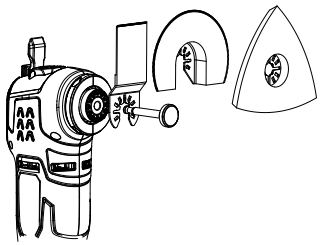


Fig. 3

2. Fully close the spindle lock lever to secure the accessory in place.

NOTE:

Be careful when closing the spindle lock lever. The lever may close suddenly and pinch your finger.

3. If the desired accessory is the sanding pad, a sheet of sandpaper should be placed on the pad before use. The sanding pad has a hook and loop style fitting system which allows for quick and easy sandpaper placement.

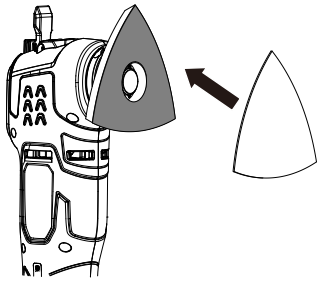


Fig. 4

4. To remove a sandpaper sheet, peel up one corner and pull the remainder of the sheet off of the pad.

OPERATION

WARNING!

Keep hands away from blades. Do not reach underneath work or around or over the blade while blade is moving. Do not attempt to remove cut material when blade is moving.

WARNING!

Do not apply excessive force to the tool. This may cause the motor to lock and stop or damage the tool.

STARTING/STOPPING THE TOOL

NOTE:

Do not use the battery pack when the ambient temperature is below -20°C or above 50°C. This is important as it can prevent serious damage to the charger.

1. Align and slide the battery pack to the docking port of the tool until it is locked in place.

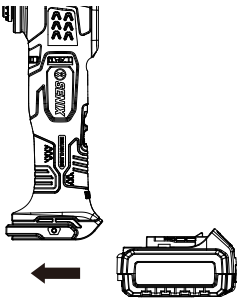


Fig. 5

2. To start the tool, push the sliding power switch toward the "1 (ON)" position. To stop the tool, slide the slide switch toward the "0 (OFF)" position.

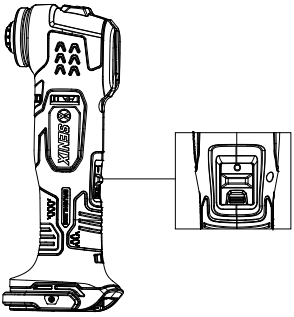


Fig. 6

ADJUSTING THE SPEED

The speed of the tool is adjustable. To change the speed, turn the variable speed dial between 1 and 6. The higher the number is, the higher the speed will be. Preset the dial to the setting suitable for your workpiece.

NOTE:

The dial cannot be turned directly from 1 to 6 or from 6 to 1. Forcing the dial may damage the tool. When changing the dial direction, always turn the dial moving it through each intermediate number.

LED WORKLIGHT

The LED worklight is immediately activated when the tool is switched on. The worklight is for lighting the immediate work surface and is not intended to be used as a flashlight.

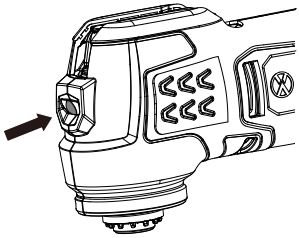


Fig. 7

CUTTING, SAWING AND SCRAPING

- Clearly mark the cut line.
- Hold the tool firmly in front of and clearly away from you. Make sure blade is clear of any foreign material.
- Push the slide switch to the "1 (ON)" position to start the cutting action. Allow the blade to come to full speed, then move the blade into the workpiece.
- To cut, keep the teeth of the blade in the workpiece surface and move the back of the tool slowly in a constant side-to-side motion.

NOTE:

- When performing a cutting or sawing operation it is recommended to start with the tool in speed "4". This helps to improve control of the tool. Subsequent operations can be performed at higher speeds for greater efficiency.
- When performing a scraping operation it is recommended to use the tool in speeds "1-3". After starting the tool, aim the scraping accessory at the work area and begin by applying light pressure to avoid damaging the surface of the object.

NOTE:

Do not apply excessive force to the tool. Use only enough pressure as is needed for the application. Let the tool and accessory do the work. Use of excessive pressure will cause strong vibrations to the tool, which may result in broken blades and cause premature wear to the tool's motor.

SANDING

Selecting the correct size, grit and type of sandpaper is an extremely important step in achieving a high-quality sanded finish.
Hold sander in front of and away from you, keeping it clear of the workpiece. Start sander and let the motor build to its maximum speed. Then, gradually lower it to the workpiece with a slight forward movement. Move the sander slowly over workpiece using forward and backward or side to side strokes. Upon completion of sanding operation, always remove sander from workpiece before turning it off. Do not apply excessive force. The weight of the unit supplies adequate pressure to let the sandpaper and tool do the work.

NOTE:

Do not reuse a sandpaper sheet that was used for sanding metal to sand wood.
Do not use a worn sandpaper sheet or sandpaper without grit.

MAINTENANCE

WARNING!

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

GENERAL MAINTENANCE TIPS

1. Do not attempt to repair the machine unless you have the proper tools and instructions for disassembly and repair of the machine.
2. Do not use damaged equipment or accessories. If abnormal noise or vibration occurs, have the tool inspected and serviced before further use.
3. Remove the battery from the power tool before carrying out maintenance, changing accessories, etc. The battery should also be removed for transportation and storage. Failure to do so poses a risk of injury from unintentionally starting the tool.
4. To ensure safe and efficient operation, always keep the power tool and the ventilation slots clean.
5. Clean up dust and perform lubrication on the spindle lock lever hinge from time to time. This will help to prevent dust and debris from accumulating on the hinge and hindering its movement.

CLEANING

1. Keep handle/grip area clean, dry and free of oil or grease.
2. Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.
3. Clean the product with a dry cloth. Use a brush for areas that are hard to reach.

TRANSPORTATION

1. Only carry by its handle/grip area.
2. Protect from any heavy impact or strong vibrations which may occur during transportation.
3. Secure to prevent it from slipping or falling over.

STORAGE

1. Examine the power tool thoroughly for worn, loose or damaged parts.
2. Clean the power tool before storing or transporting. Be sure to secure the tool while transporting.
3. Remove the battery from the tool before storing.
4. Store the power tool indoors in a locked, dry place out of the reach of children to prevent unauthorized use or damage.
5. The ideal storage temperature of the battery pack is between 0°C and 25°C.

DISPOSAL

Product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. Users should clean up dust generated during operation to protect environment.

Battery should not be discarded with household waste. Dispose of battery according to local regulations.

TROUBLE SHOOTING

Suspected malfunctions are often due to causes that can be addressed by the user. Therefore, troubleshoot the product using this section. In most cases the problem can be solved quickly.

PROBLEM	**POSSIBLE CAUSE**	**SOLUTION**
Product does not start	Battery pack discharged	Charge the battery pack
	Battery pack not properly attached	Attach properly
Product does not reach full power	Battery pack capacity too low	Charge the battery pack
	Battery pack reaches its life cycle	Replace with new battery pack
Product stops suddenly	Electronic components overheated	Restart the product after cooling down
	Overcurrent	Restart the product
Unsatisfactory result	Worn remove blade or sandpaper	Replace with a new one