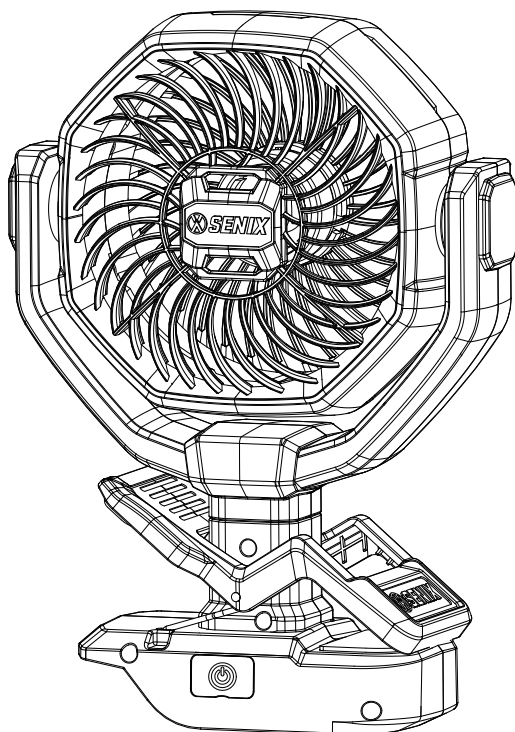




X2 **18V** **Li-ion** **BRUSHLESS**
LITHIUM-ION

CORDLESS CLAMP FAN



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

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

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SAFETY & INTERNATIONAL SYMBOLS

The following table depicts and describes safety and international symbols and pictographs that may appear on this product. Read, understand, and follow all instructions on the machine and in the instruction manual for complete safety, assembly, operating, maintenance, and repair information before attempting to assemble and operate.



Caution / Warning.



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



Do not use in rain or wet conditions.



RCM Mark.

SAFETY INSTRUCTIONS

ORIGINAL 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 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 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 a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce the risk of 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. Always keep proper footing and balance.** *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, tool bits, etc. in accordance with these instructions, considering 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.*

6. Service

- a. **Have your power tool serviced by an authorized service provider 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.*

FAN SAFETY WARNINGS

- a. **Know your fan. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this fan.** *Following this rule will reduce the risk of*

electric shock, fire, or serious injury.

- b. **Battery powered fans do not have to be plugged into an electrical outlet; therefore, they are always in operating condition.** Be aware of possible hazards when not using your battery powered fan or when changing accessories. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- c. **Do not place the fan or battery near fire or heat.** This will reduce the risk of explosion and possibly injury.
- d. **For general ventilating use only.** Do not use to exhaust hazardous or explosive materials and vapors.
- e. **To reduce the risk of personal injury and electric shock, the fan should not be played with or placed where small children can reach it.**
- f. **To reduce the risk of electric shock, do not expose to water or rain.**
- g. **Do not put any object into any openings.**
- h. **Do not use with any opening block.** keep openings free of dust, lint, hair, and anything that may reduce air flow.
- i. **Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.** Loose clothes, jewelry, or long hair can be drawn into air vents.
- j. **Do not leave the fan unattended when the battery is inserted.** Remove the battery when the fan is not in use and before servicing.
- k. **Keep the fan dry, clean, and free from oil and grease. Always use a clean cloth when cleaning.** Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean the fan. Following this rule will reduce the risk of loss of control and deterioration of the plastic.
- l. **To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame.** An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- m. **Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also to prevent misuse of the product and possible injury.

means of this instruction manual. Memorize the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1. 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.
2. Switch off and disconnect from the power supply if there are malfunctions. Have the product checked by an Authorized Service Center and repaired, if necessary, before you operate it again.

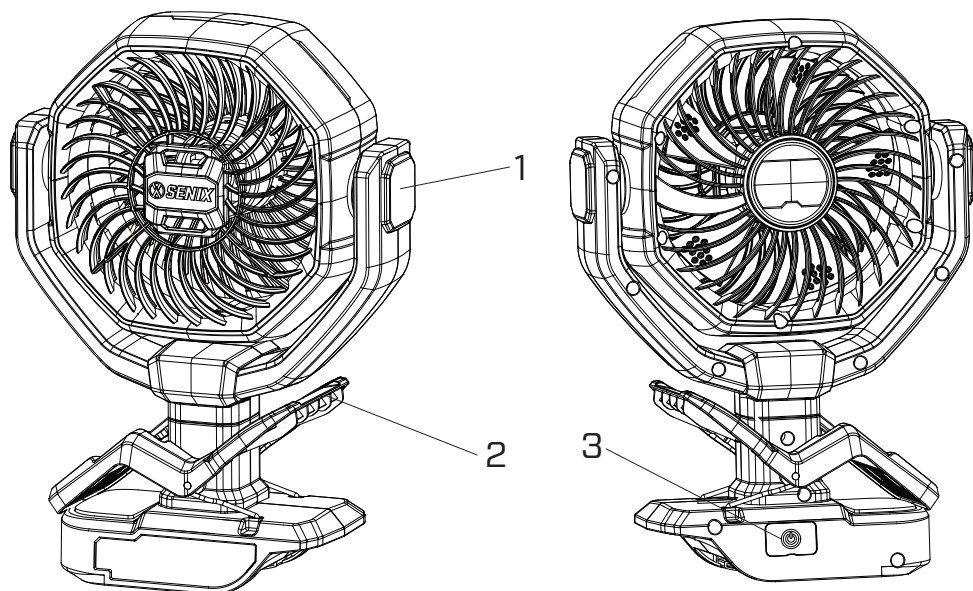
INTENDED USE

The tool is intended for general ventilation indoors and outdoors. Do not use it for other purposes.

EMERGENCY

Familiarize yourself with the use of the fan by

KNOW YOUR UNIT



APPLICATIONS

Model: FNX2-M2-EU

As a cordless fan:

ventilation for indoor and outdoor environments

1	Adjustable Pivot Head
2	Clamp
3	Power Button

SPECIFICATIONS

Model	FNX2-M2-EU
Rated Voltage	18 V $\approx$ (20 V $\approx$ Max*)
Motor Type	Brushless
Fan Diameter	100 mm
Speed Setting	2
Air Volume	High: 5.10 m ³ /min Low: 3.96 m ³ /min
Air Speed	High: 5.40 m/s (19.3 km/h) Low: 4.02 m/s (14.5 km/h)
Pivoting Angle of Head	290°
Pivoting Angle of Bracket	300°
Recommended Operating Temperature	-10°C ~ 50°C
Recommended Storage Temperature	-20°C ~ 60°C
Weight (Tool Only)	0.42 kg

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



NOTE:

Only use following batteries: B20X2/B25X2/B40X2/B50X2/B60X2/B80X2 and chargers: CHX2/CHQX2/CHQX2-M-EU/CHDX2-M-EU.

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.
 - Cordless clamp fan x1
 - Instruction manual x1
4. If parts are missing or damaged. Do not use the product. Contact your local dealer.



WARNING!

The fan has been shipped completely assembled. To use the product, install the battery pack.

INSTALLING/REMOVING THE BATTERY PACK

To install:

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

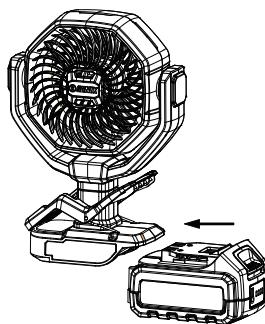


Fig. 1

To remove:

Press the battery-release button on the battery pack and slide the battery pack out.

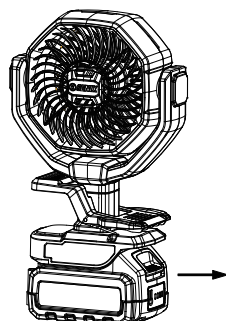


Fig. 2



NOTE:

Refer to the manuals for the charger and battery pack for more details.



NOTE:

The recommended charging temperature range for the battery pack is 4°C - 40°C.

OPERATION

SWITCHING ON/OFF

1. To start the fan, press the power button and the indicator light powers on. The fan will run at low speed.
2. Press the power button again to activate high speed.
3. Press the power button a third time to power off the fan.

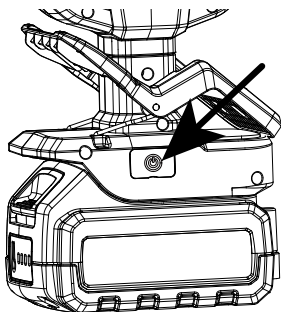


Fig. 3

ADJUSTING THE HEAD

The fan head can be adjusted to various positions for optimal air circulation. To adjust, ensure the base is secure, then gently pivot the head to the desired angle.

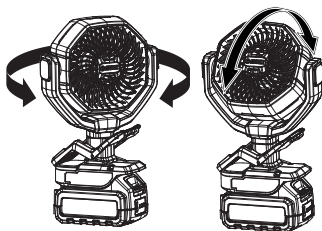


Fig. 4

CLAMPING THE FAN

Squeeze the ends of the clamp to open the clamp mouth and install the fan in a suitable location.

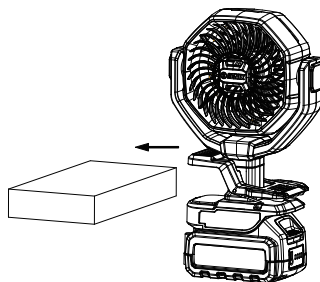


Fig. 5



WARNING!

Clamp the fan only to a mounting surface that is 38mm thick or less. Clean both the mounting surface and the clamp pads before securing the fan to prevent slipping. Ensure the fan is securely clamped before and during operation. Never stand directly beneath a mounted fan. Failure to follow these instructions may result in serious personal injury.



WARNING!

Only perform cleaning and maintenance according to these instructions! All further works must be performed by an Authorized Service Center.



WARNING!

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Make sure the battery pack is removed before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE: Do not use damaged equipments. If abnormal noise or vibration occurs, have the problem corrected before further use.

There are no user-serviceable parts in the fan. If any of following condition are found, stop using it and send it to an Authorized Service Center for repair.

- Leaking, swollen, or cracked battery pack.
- Loose hardware.
- Misalignment or binding of accessories.
- Cracked or broken parts.
- Any other condition that may affect its

safe operation.

CLEANING

- Use a clean cloth to remove dirt, dust, oil, grease, etc.



WARNING!

Do not use chemical, alkaline, abrasive, or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.

TRANSPORTATION

- Secure the product properly when transporting.

STORAGE

- Clean thoroughly as described above.
- Store in a dark, dry, and well-ventilated area that is inaccessible to children. The ideal storage temperature is between 10°C and 30°C.
- Use original package for storage or cover with a suitable cloth to protect from dust.



NOTE:

It's best to store the battery pack at the temperature of 10°C - 26°C.

DISPOSAL

The product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



Batteries should not be discarded with household products. Used batteries must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

TROUBLESHOOTING

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
Fan does not start	Battery pack not properly attached	Remove from product and reattach
	Battery pack discharged	Charge the battery pack
	Motor Error	Contact an Authorized Service Center for repair
	PCB Error	Contact an Authorized Service Center for repair
Lower rotation speed	Battery pack capacity too low	Charge the battery pack
	Battery pack reaches its life cycle	Replace with a new one
	Motor reaches its life cycle	Contact an Authorized Service Center for repair
Vibration or noise is excessive	Motor worn	Contact an Authorized Service Center for repair
	Fan blades damaged	Contact an Authorized Service Center for repair
	Fan blades are loose or detached	Contact an Authorized Service Center for repair