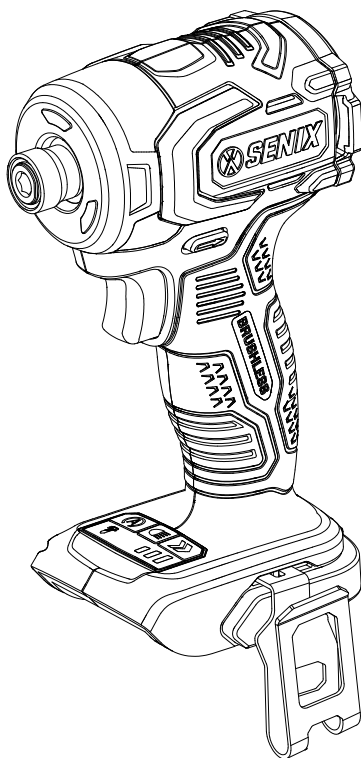




CORDLESS IMPACT DRIVER



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

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- WARRANTY

YAT USA INC. 10506 Bryton Corporate Center Dr, #500 Huntersville, NC 28078
For customer support, please call 1-800-261-3981 or email us at senix.support@yatusa.com

TABLE OF CONTENTS

SAFETY & INTERNATIONAL SYMBOLS.....	2
SAFETY INSTRUCTIONS.....	3
KNOW YOUR UNIT	6
SPECIFICATIONS*	7
ASSEMBLY.....	7
OPERATION.....	8
MAINTENANCE.....	10
TROUBLESHOOTING.....	12
WARRANTY	13

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.



Wear eye protection.



Wear a dust mask.



Wear safety footwear.



Wear protective gloves.



Do not dispose of battery packs in rivers or immerse in water.



Do not dispose of battery packs in fire. They will explode and cause injury.



Use the battery in a maximum temperature of 122°F (50°C).



Do not disassemble, crush, heat above 212°F (100°C); Never expose the battery to microwaves or high pressures.



Keep bystanders a safe distance away from the work area.



Indoor use only. Only use battery charger indoors.

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.*

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 ground fault circuit interrupter (GFCI) protected supply.** *Use of a GFCI 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 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, clothing and gloves 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, 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 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 265 °F (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 RULES FOR IMPACT DRIVER

- a. Hold power tools by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring. Fasteners contacting a "live" wire will make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- b. Maintain labels and nameplates on the tool. These carry important safety information.
- c. Avoid unintentional starting. Prepare to begin work before turning on the tool.

- d. Do not lay the tool down until it has come to a complete stop. Moving parts can grab the surface and pull the tool out of your control.
- e. When using a handheld power tool, maintain a firm grip on the tool with both hands to resist starting torque.
- f. Do not leave the tool unattended when the battery pack is connected. Turn off the tool, and remove the battery pack before leaving.
- g. This product is not a toy. Keep it out of reach of children.

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:

1. Only use the product as intended by its design and these instructions.
2. Ensure that the product is in good condition and well maintained.
3. Use correct attachments for the product and ensure they are in good condition.
4. Keep tight grip on the handles/gripping surface.
5. Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
6. Plan your work schedule to spread any high vibration tool use across a longer period of time.
7. Prolonged use of the product exposes the user to vibrations that can cause a range of conditions collectively known as hand-arm vibration syndrome (HAVS) e.g. fingers going white; as well as specific diseases such as carpal tunnel syndrome.
 - To reduce this risk when using the product, always wear protective gloves and keep your hands warm.
 - The symptoms of HAVS include any combination of the following: Tingling and numbness in the fingers; Not being able to feel things properly; Loss of strength in the hands; Fingers going white (blanching) and becoming red and painful on recovery (particularly in the cold and wet, and probably only in the tips at first). Seek medical advice immediately if such

symptoms are experienced.

EMERGENCY

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

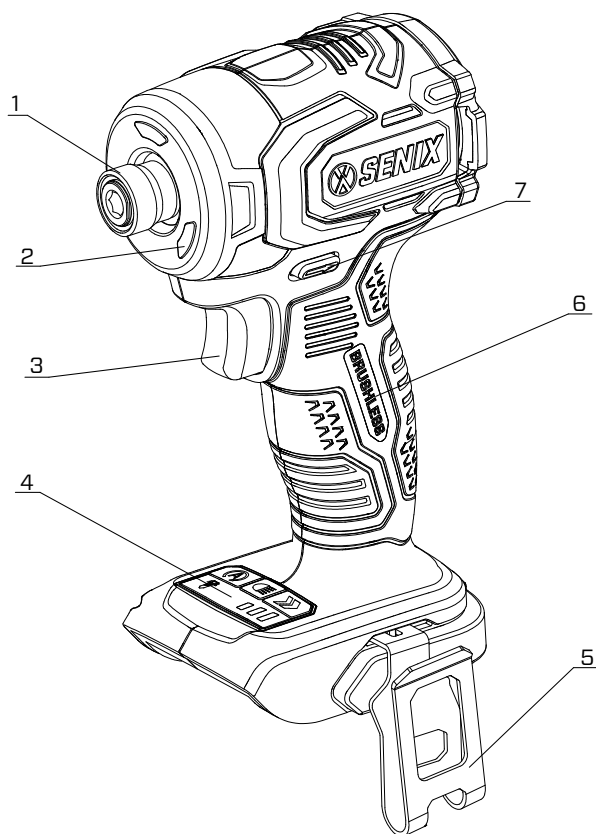
1. Always be alert when using this product, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
2. Switch off and disconnect from the power supply if there are malfunctions. Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

SAVE THESE INSTRUCTIONS

INTENDED USE

This tool is intended for drilling in wood with drill bits and driving screws into wood and drywall with scwdriver bits. Do not use it for other purposes.

KNOW YOUR UNIT



APPLICATIONS

Model: PDIX2-M5

As a cordless impact driver:

Driving in wood with drill bits and driving screws into wood and drywall with scwdriver bits.

1	Auto-Load Hex Collet
2	Work Light
3	Variable Speed Trigger
4	Control Panel
5	Belt Clip
6	Overmold Grip Area
7	Forward/Reverse Switch

SPECIFICATIONS*

Model	PDIX2-M5
Rated Voltage	18 V \approx (20 V \approx Max*)
Motor Type	Brushless
No-Load Speed	0-1800/0-2700/ 0-3900 RPM
No-Load IPM	0-1500/0-3000/0- 4400 IPM
Max. Fastening Torque	185 Ft.-Lbs.
Driving Size	1/4"
Variable Speed	3 Settings
Fastening Capacities	Standard Bolt: 3/16" - 5/8" High Tensile Bolt: 3/16" - 1/2"
Weight (Tool Only)	2.31 lbs

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



NOTE:

Only use the following batteries: B20X2, B25X2, B40X2, B50X2, B80X2 and chargers: CHX2-L1, CHX2, CHQX2, CHQX2-M, CHDX2-M.

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:
 - Impact driver x1
 - Belt clip x1
 - Screw x1
 - Bit x1
 - Instruction manual x1
4. If you find that parts are missing or show damage do not use the product but 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 THE BELT CLIP

Secure the belt clip on the tool by a screw.

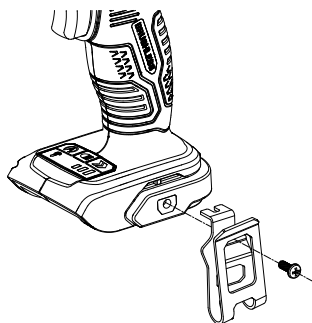


Fig. 1

INSTALLING/REMOVING THE DRIVER BIT



WARNING!

Observe the technical requirements of this product (see section "SPECIFICATIONS") when purchasing and using application tools (e.g. adapter for wrench socket or screwdriver bits). Always use suitable application tool according to the intended use. Always hold the product firmly in the hand while assembling application tool.

To install:

Insert a suitable bit as far as possible into the collet. Pulling the collar forward is not necessary for the bit to be accepted. Pull the bit outward to make sure it is secured.

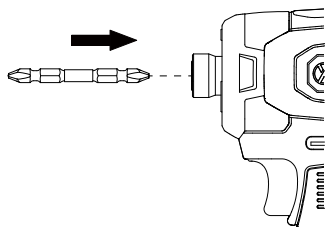


Fig. 2

To remove:

Pull the collar forward, remove the bit from collet then release the collar.

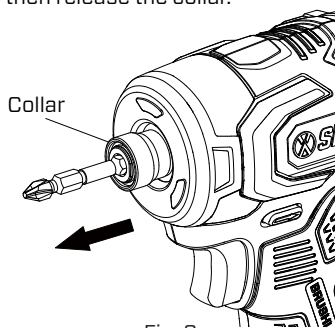


Fig. 3

**NOTE:**

Make sure the bit is fixed firmly and will never comes out before use.

INSTALLING/REMOVING THE BATTERY PACK

**NOTE:**

Prior to installation, lock the trigger by trigger lock to avoid unintentional start.

To install:

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

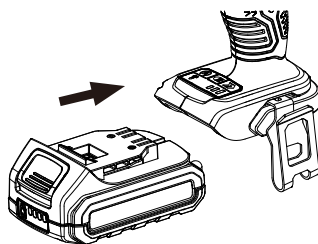


Fig. 4

To remove:

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

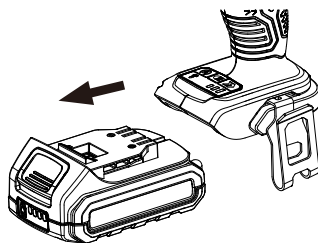


Fig. 5

**NOTE:**

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

OPERATION

**WARNING!**

Always wear eye, hearing, hand protection to reduce the risk of injury when operating the tool. Keep all parts of your body away from the rotating bit.

RUNNING DIRECTION

The tool is designed to loosen or tighten fasteners. Push the forward/reverse switch to achieve different using purposes.

WARNING!

Do not change direction of rotation while collet is rotating.

Mode	Setting	Application
Forward	Shift to left side	Drilling/ fastening
Reverse	Shift to right side	Loosening jammed fasteners
Center Lock	Shift to middle position	Locking the trigger

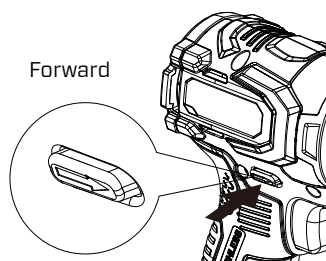


Fig. 6

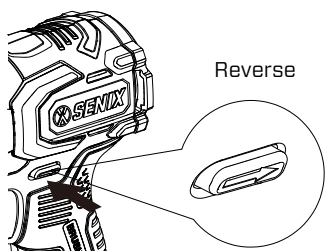





Fig. 7

NOTE:

When changing bits or when the tool is not in use, the forward/reverse switch shall be kept in "locked" position to avoid unintended start.

ROTATION SPEED

Different rotation speeds can be achieved by pressing button 1 on the control panel. Find details in the below table.

Press	Indicator	Speed
Once		0-1800 RPM
Twice		0-2700 RPM
Three times		0-3900 RPM



NOTE:

The tool will keep the latest setting after restarting or battery reinstallation.

WORK LIGHT

The driver is designed with a work light controlled by button 2 for providing sufficient brightness around driving bit.

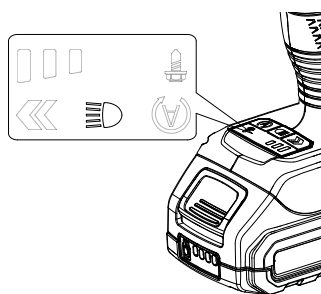


Fig. 8

REVERSE AUTO-STOP

Press button 3 to enable or disable auto-stop. The indicator shows green when it is activated and the tool stops automatically after the fasteners get fully tighten in forward mode or enough loosened in reverse mode, even if the trigger continues to be engaged.

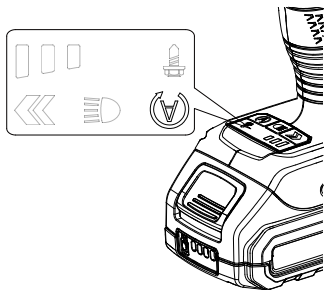


Fig. 9

SWITCHING ON/OFF

1. Push the forward/reverse switch to left or right.
2. Press the trigger to start the product
3. Release the trigger to stop the product.



NOTE:

Always lock the variable speed trigger before storage and any time not in use.

WORK AREA SET UP

1. Designate a work area that is clean and well lit. The work area must not allow access by children or pets to prevent distraction and injury.
2. Secure loose pieces using a vise or clamps (not included) to prevent movement while working.
3. There must not be objects, such as utility lines, nearby that will present a hazard while working.

PRACTICAL ADVICE

1. Ensure the correct tool is being used for the application and that all controls are set in the correct position.
2. Always hold the product perpendicular to the work area. Holding it at an angle may cause slipping, jamming, or damage to the tool, fastener, or work area.
3. Always place the tool in position before switching the product on.
4. Start with low speed until the screw penetrates the work area perpendicularly or the bolt is properly fitted along the thread.

5. Before screwing larger, longer screws into hard materials, it is advisable to pre-drill a pilot hole with the core diameter of the thread to the entire screw length.
6. Apply proper feeding force to keep the fastener connected. Excessive feeding force will not increase working effectiveness and can increase the risk of loss of control.
7. If the fastener gets stuck in the work area, switch the power tool off, switch to reverse rotation mode, and press the trigger slightly to loosen the fastener.
8. Check the tool regularly during work. Refit or replace it if necessary.



WARNING!

Do not use the power tool like a hand screw driver or wrench, this could damage the spindle lock in the power tool.

MAINTENANCE



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 equipment or accessories. If abnormal noise or vibration occurs, have the tool inspected and serviced before further use.

There are no user-serviceable parts in your power tool. If any of following condition are found, stop using it and send it to the 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

1. Clean dust and debris from air vents.
2. Keep handle clean, dry and free of oil or grease.
3. Make sure the collet is not clogged with debris.
4. Remove stubborn dirt from housing with high pressure air (max. 3 bar).



NOTE:

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

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

STORAGE

1. Clean thoroughly as described above.
2. Store in a dark, dry, frost-free and well-ventilated area that is inaccessible to children. The ideal storage temperature is between 50°F (10°C) and 86°F (30°C).
3. Use original package for storage or cover with a suitable cloth to protect it against dust.

DISPOSAL

Unwanted 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.



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 the users can fix themselves. Therefore, troubleshoot the product using this section. In most cases the problem can be solved quickly.

Problem	Possible Cause	Solution
Product does not start	Forward/reverse switch at center lock position	Push forward/reverse switch to proper side
	Battery pack is not properly attached	Attach properly
	Battery pack is completely discharged	Charge the battery pack
Product does not reach full power	Battery pack power is too low	Charge the battery pack
	Battery pack reaches its life cycle	Replace with new battery pack
Unsatisfactory result	Drill/driver bit is dull/damaged	Replace with new one
	Driver bit/ socket bit is not suitable for intended operation	Use proper one

WARRANTY

SENIX TOOLS LIMITED WARRANTY

FOR FIVE YEARS from the date of original purchase this product is warranted against defects in material or workmanship. WITH PROOF OF ORIGINAL PURCHASE a defective product will receive free repair. If the product cannot be repaired it will be replaced free of charge.

For details to obtain warranty coverage, visit senixtools.com, email senix.support@yatusa.com or call **1-800-261-3981**.

- This warranty does not cover repairs necessary due to product accident or abuse, or failure to operate or maintain the product according to all supplied instructions.
- This warranty does not cover an included battery pack or charger, which offer three-year, replacement-only coverage. See battery pack or charger instruction manuals for complete warranty details.
- This warranty does not cover expendable items that can wear out from normal use within the warranty period, including but not limited to drill bits, cutting blades and trimmer spool or line.
- This warranty does not apply to damage resulting from repairs to the product made or attempted by other than SENIX authorized agents.
- This warranty does not cover the cost of mailing or transporting the power tool to receive warranty coverage.
- The warranty is void if the product has been used for commercial, professional, or rental service purposes.
- The warranty applies to the original retail purchaser and is not transferable.
- Proof of purchase is required to obtain warranty coverage.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND EXCLUDES ALL INCIDENTAL OR CONSEQUENTIAL DAMAGE.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

NOTE: Battery pack warranty voided if the battery pack is tampered with in any way. SENIX is not responsible for any injury caused by tampering and may prosecute warranty fraud to the fullest extent permitted by law.

60-DAY MONEY-BACK GUARANTEE. If for any reason within 60 days from the date of original purchase you are not completely satisfied with the performance of this SENIX product, you can return it with the original sales receipt for a full refund.

Latin America: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see the country-specific warranty information contained in the packaging, call the retailer from which it was purchased, or visit the website for warranty information.

Free warning label replacement: If your warning labels become illegible or are missing, call **1-800-261-3981** for a free replacement.

REGISTER ONLINE - senixtools.com/pages/product-registration

Thank you for your purchase! Register your product now for:

Warranty Service: Registering your product will help you obtain more efficient warranty service in case of a problem with your product.

Confirmation of Ownership: In case of an insurance loss, such as fire, flood, or theft, your ownership registration will serve as proof of purchase.

For your safety: Registering your product will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.



YAT USA INC. 10506 Bryton Corporate Center Dr, #500 Huntersville, NC 28078
For customer support, please call **1-800-261-3981** or email us at senix.support@yatusa.com