

INSTRUCTION MANUAL

Read all the instruction carefully before you use the appliance and keep it for future use.



67095c
MARKSMAN
QUALITY TOOLS

4.8V CORDLESS SCREWDRIVER



- 230V~50Hz
- 150RPM
- 4.8V



RoHS✓



MARKSMAN B20 3BT UK

IMPORTANT SAFEGUARDS

Please read these operating instructions before using the tool for the first time and keep them with the tool at all times.

GENERAL SAFETY INSTRUCTIONS

- Carefully read through the entire operator's manual before operating this device.
Keep this manual with other important records for safety Instructions, operating procedures.
- Failure to follow all warning Instructions and labels may result in bodily Injury.
- DO NOT remove any labels from this tool.
- After unpacking your new screwdriver, inspect all of the components for any damage that may have occurred during transit.. Do NOT operate this screwdriver if any damage has occurred during shipping and handling. All damaged parts must be repaired or replaced prior to operating the screwdriver.

Work Area

- Keep your work area clean and well lit. Cluttered benches, work areas and areas with Insufficient light Invite accidents.
- DO NOT operate this screwdriver in areas where flammable liquids, gases or dust are present. Screwdriver create sparks which may ignite the liquids or fumes.
- Keep children away from work areas. Maintain a safe distance from any person near the work area.
- Adults near the work area must wear safety glasses. DO NOT let children handle the screwdriver.
- Avoid distractions while operating any power tools. Distractions can cause you to lose control of the tool.

Electrical Safety

- A battery operated tool with Integral batteries or a separate battery pack must be recharged only with the specified charger for the battery_ A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- Use battery operated tool only with specifically designated battery pack. Use of any other batteries may create a risk of fire.
- DO NOT abuse the cord. Never use the cord to carry the charger. Keep cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately. Damaged cords may create a fire.

Personal Safety

- Always stay alert while operating any power tool. Watch what you are doing and use common sense when operating power tools.
- Operating any tool or piece of equipment under the Influence of drugs, alcohol, or medications can cause personal injury to yourself and others.
- Wear proper apparel. Remove your Jewellery before using this tool. DO NOT wear loose fitting clothing necklaces, rings, bracelets, or other jewellery, which may get caught in moving parts. Non-skid footwear and electrically conductive gloves are highly recommended while working. Wear protective hair covering to contain long hair.
- Protect your eyes. The operation of any power tool can result in foreign objects being thrown Into the eyes, which can result in severe eye damage. Always wear eye protection during power tool operation. Eye glasses are not always safety glasses.
- Be responsible for your hearing. Wear hearing protection during extended periods of operation.
- DO NOT overreach. Proper footing and balance is a must at all times while using tools. Unstable footing and support may lead to loss of balance and personal injury.

Tool Use And Care

- Use clamps to secure and support the work piece to a stable platform. Holding the work piece by hand or against your body is dangerous and may lead to loss of control and personal injury. Use the right tool for each job. Use tools properly and for their intended task. DO NOT force a small tool to do the job of a larger tool. Using the right tool to do the right job will do the intended job safer and easier.
- DO NOT use the screwdriver if the switch does not turn the tool on and off. Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect battery pack from tool or place the switch in the locked or off position before making any adjustments. changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store idle tools out of the reach of children and other untrained persons.
- Maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.
- 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 sparks, burn or a fire. Check for misalignment or binding of moving parts. Many accidents are caused by poorly maintained tools.
- DO NOT place loads on the drill that cause the drill to cease turning.
- Use only accessories that are recommended by the manufacturer for your model. Accessories that maybe Suitable for one tool may become hazardous when used on another tool.
- Keep the tool and its handle 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 your tool. Following this rule will reduce the risk of loss of control and deterioration of the enclosure plastic.
- Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury .



- DO NOT allow brake fluids, gasoline, petroleum based product,s, and penetrating oils to come in contact with plastic parts. They contain chemicals that can damage, weaken or destroy the housing, thus compromising the Integrity of the insulation .
 - Regularly inspect all of the mounting screws and ensure that they are properly tightened. Should any of the screws be loose, tighten them Immediately. Failure to do so could result In serious injuries .
 - The motor unit winding is the very heart of the power tool. Exercise due care to ensure the winding does not become damaged and/or wet with oil or water.
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SPECIFIC SAFETY INSTRUCTIONS

- Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.
- Know your power tool. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire, or serious injury.
- Always wear safety glasses with side shields. Everyday glasses have only impact resistant lenses. They are NOT safety glasses. Following this rule will reduce the risk of eye injury.
- Battery tools 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 tool or when changing accessories. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- DO NOT place battery tools or their batteries near fire or heat. Following this rule will reduce the risk of explosion and possibly injury.
- NEVER use a battery that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of dropped or damaged battery immediately.
- Batteries vent hydrogen gas and can explode in the presence of a source of ignition, such as a pilot light. 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.
- DO NOT charge battery tool in a damp or wet location. Following this rule will reduce the risk of electric shock.
- For best results, your battery tool should be charged in a location where the temperature is more than 10° C but less than 50° C. DO NOT store outside or in vehicles.
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralise with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.

CHARGING INSTRUCTIONS



WARNING: READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

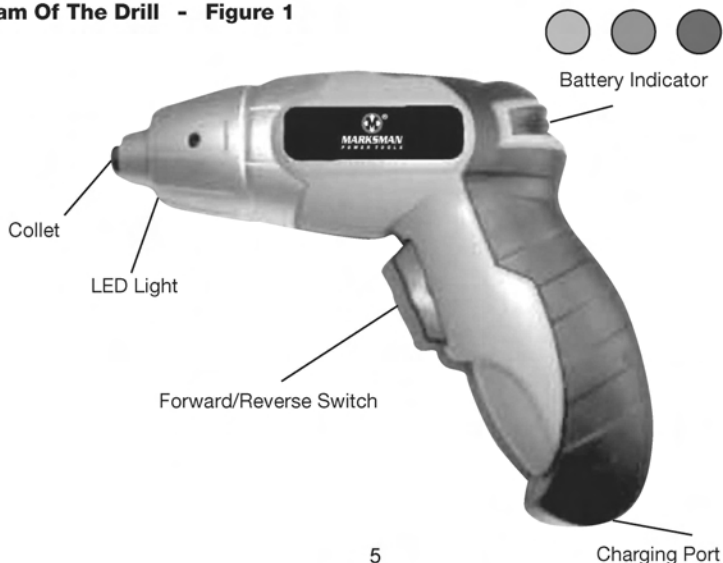
• **CAUTION:** To reduce the risk of electric shock or damage to the charger and battery, charge only nickel-cadmium rechargeable batteries as specifically designated on your charger. Other types of batteries may burst, causing personal injury or damage.

- Before using battery charger, read all instructions and cautionary marking in this manual, on battery charger, battery, and product using battery to prevent misuse of the products and possible injury or damage.
- DO NOT use charger outdoors or expose to wet or damp conditions. Water entering charger will increase the risk of electric shock.
- Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.

- DO NOT abuse cord or charger. Never use the cord to carry the charger. DO NOT pull the charge cord rather than the plug when disconnecting from receptacle. Damage to the cord or Charger could occur and create an electric shock hazard. Replace damaged cords immediately.
- Make sure cord is located so that it will not be stepped on, tripped over, come in contact with sharp edges or moving parts or otherwise subjected to damage or stress. Following this rule will reduce the risk of accidental falls, which could cause injury, and damage to the cord, which could result in electric shock.
- Keep cord and charger from heat to prevent damage to housing or internal parts.
- An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure: a. That pins on plug of extension cord are the same number, size and shape as those of plug on charger; b. That extension cord is properly wired and in good electrical condition.
- DO NOT operate charger with a damaged cord or plug, which could cause shorting and electric shock. If damaged, have the charger replaced by an authorised serviceman.
- DO NOT operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way. Take it to an authorised serviceman for electrical check to determine if the charger is in good working order.
- DO NOT disassemble charger. Take it to an authorised serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- Unplug charger from outlet before attempting any maintenance or cleaning to reduce the risk of electric shock.
- Disconnect charger from the power supply when not in use. This will reduce the risk of electric shock or damage to the charger if metal items should fall into the opening. It also will help prevent damage to the charger during a power surge.
- 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.

FEATURES

Diagram Of The Drill - Figure 1



Technical Data	67095c
Motor	4.8 Volts DC
Collet	6.35mm
No Load Speed	150RPM
Maximum Torque	2.5N.m
Switch	Reversible
Charger Rating	230v~50Hz 7W
Initial Charge Time	7 Hours
Charge Time	3-5 Hours

ASSEMBLY

Unpacking

This products has been shipped completely assembled .

- Carefully remove the tool and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the tool carefully to make sure no breakage or damage occurred during shipping. DO NOT discard the packing material until you have carefully inspected and satisfactorily operated the tool.



WARNING: If any parts are missing, DO NOT operate this tool until the missing parts are replaced. Failure to do so could result in possible serious personal injury.

WARNING: DO NOT attempt to modify this tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

OPERATION



WARNING: DO NOT allow familiarity with tools to make you careless. Remember that a careless fraction of a second is sufficient to serious injury

WARNING: Always wear safety goggles or safety glasses with side shields when operate tools. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

CHARGING THE BATTERY PACK - Figure 2

The battery pack for this tool has been shipped in a low charge condition to prevent possible problems. Therefore, you should charge the battery pack fully prior to use. To charge your battery pack, follow the steps below:

- Plug the output cord of the charger into the socket in the bottom half of the screwdriver
- Handle as shown in Figure 2.
- Plug the charger into any standard 230 Volt 50Hz electrical outlet.
- Let the tool charge initially for 7 hours. After the initial charge, under normal usage, your tool should be fully charged in 3 to 5 hours.





WARNING: When disconnecting the tool from the charger, be sure to unplug the charger from the outlet first. then disconnect the charger cord from the tool. DO NOT use the tool while it is connected to the charger.

- After normal usage, your tool should be fully charged in 3 to 5 hours. If the batteries are run down completely, it may take up to 5 hours to become fully charged.
 - DO NOT charge the batteries in a air temperature below 5° C or above 50° C. This is Important and will prevent serious damage to the batteries. Longest life and best performance can be obtained if batteries are charged when air temperature is about 30° C.
 - While charging, the charger may hum and become warm to touch. This is a normal condition and does not indicate a problem.
 - If the batteries do not charge properly:
 - 1) Check current at receptacle by plugging in a lamp or other applicant.
 - 2) Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights.
 - 3) Move charger and tool to a surrounding air temperature of above 5° C or above 50° C.
 - The tool should be recharged when it fails to produce sufficient power on Jobs which were easily done previously. DO NOT CONTINUE using product with its batteries in a depleted condition.
 - To prolong battery life, avoid leaving on charge for extended periods of time (over 30 days Without use). Although overcharging is not a safety concern, it can significantly reduce overall battery life.
 - The batteries will reach optimum performance after being recharged 5 times during normal usage. There is no need to run the batteries down completely before recharging.
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WARNING: Tool may stall (if overloaded or improperly used) causing a twist. Always expect the stall. Grip the screwdriver firmly to control the twisting action and prevent loss of control which could cause personal injury. If a stall does occur, release the trigger immediately and determine the reason for the stall before re-starting.

INSTALL/REMOVE AN ACCESSORY - See Figure 3.

- Hold the screwdriver and install the hex shank accessory into the collet directly;
- Hold the screwdriver and remove the hex shank accessory from the collet directly;



OPERATION

Switch

- To turn the tool ON in a forward direction, press the top section of the rocker switch and the tool will run.
- Release pressure from the switch and the tool will stop. To operate in reverse, press the bottom section of the rocker switch. Without depressing rocker switch the tool is locked and will act as any conventional, non-powered screwdriver.

Led Work Light

- The LED work light on the top head of the screwdriver will come on when switch is turned on. This provides additional lighting on the surface of the workpiece for operation in lower-light areas.

Power Indicator See - Figure 4.

- There are three lights on the back top of the screwdriver, green, orange and red lights .
 - Press the black switch to show the power level
- 1) the green light shows 80% or more power remain;
 - 2) the orange light shows 40% or more power remain:
 - 3) the red light shows lower power remain. FIGURE 4



Drilling

This tool is not recommended for drilling in metal or masonry.

MAINTENANCE



WARNING: Always wear safety goggles or safety glasses with side shields when using compressed air to clean tools. If the operation is dusty, also wear a dust mask.

- **Use only mild soap and damp cloth to clean the tool. Never let any liquid get inside the tool; Never immerse any part of the tool into a liquid.**



WARNING: DO NOT at any time let brake fluids, gasoline, petroleum based products, penetrating oils, etc. come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Only the parts shown on the parts list are intended to be repaired or replaced by the customer.

BATTERY REMOVAL

- When the tool no longer accepts adequate charge the batteries are depleted. Batteries should be disposed of properly.
- This product contains nickel-cadmium batteries. local, state or federal laws may prohibit disposal of nickel-cadmium batteries in ordinary trash.
- Consult your local waste authority for information regarding available recycling and/or disposal options.

General Safety Instructions

Warning: When using power tools, attention must be paid to the following basic safety measures as a protection against potential electric shock and risk of injuries and burns. Read these instructions carefully and observe them when using this tool.

01. Keep working area tidy. Disorder in the working area increases the risk of accidents.
02. Take account of surrounding influences. Never expose power tools to rain or moisture. Do not use it in moist or wet environments. Ensure good lighting in the working area. Do not use it in the vicinity of combustible liquid or gases.
03. Protect yourself from electric shocks. Avoid bodily contact with metal pipes, radiators, stoves etc.
04. Do not overload your tool. It will work reliably better if used in the specified performance range.
05. Use the correct tool for the job. Do not use any tools or attachments that are too weak for the job. Do not use it for the work for which it is not intended.
06. Wear appropriate working clothes. Do not wear any loose clothing or jewellery that could catch in the moving parts. If you have long hair, wear hairnet.
07. Use safety glasses, and breathing mask when performing any work that generates dust and ear defenders for noise.
08. Secure the work piece. Use clamping devices or a vice in order to hold the work piece firmly. Thus you can operate the machine with two hands.
09. Do not overstretch beyond your standing area. Avoid any abnormal posture. Ensure that you are standing securely and keep your balances at all the times.
10. Look after your tools with care. Keep your tools ready for operation (e.g. sharp) and clean to work well and safely. Carry out the maintenance checks regularly. Any damage or repairs must be carried out by an electrical specialist. Always keep the handles dry and free from any grease.
11. Pull the mains plug out. When not in use, prior to maintenance and during the tool change, disconnect the plug from the mains socket.
12. Do not leave the tool with keys left inserted. Before switching it on, check that the keys and setting tools have been removed.
13. Avoid any accidental operation. Do not place your finger on the switch when carrying the tool live. { i.e plugged in the mains socket) Ensure the tool is off before connecting it to the mains socket.
14. Extension cables for outdoors. Use only those extension cables, which have been approved for this purposes and are marked accordingly.
15. Always pay attention. Plan your work. Proceed sensibly. Do not use the tool if you are lacking in concentration.
16. Repairs by qualified person only. This power tool complies with all the relevant electrical safety regulations. Only qualified electricians may carry out the repairs.
17. Use of accessories. For your own safety, use only accessories that are specified in the operating instructions or recommended by the tool manufacturer. Any tool, inserts, accessories other than those recommended in the instructions may cause a potential shock or injury to the user.
18. Keep your tools away from children. Store your power tools in a safe place where children cannot have access.

There is no user serviceable parts inside except those referred to in the manual. Always refer servicing to an authorised dealer. Never remove any part of the casing unless qualified to do so.; this unit contains dangerous voltages.

WARNING:

For your protection, if this tool is to be used outdoors, do not expose it to rain or use in damp locations. Do not place the tool on a damp surface, use a workbench if available. For added protection use a suitable power circuit breaker at the socket outlet. Be sure to use a suitable extension cable which has an Earth core and which is in good condition. Do not use an extension specifically designed for double insulated products.

CORRECT DISPOSAL OF THIS PRODUCT



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

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