anko

CORDLESS DRILL
12 VOLT JOZ-YFT56-112V

INSTRUCTION MANUAL
IMPORTANT! KEEP FOR FUTURE REFERENCE
Not for Commercial or Industrial purposes.
All of the bags and drill bits are regarded as consumables and therefore, are not covered under warranty.
Please charge the battery within 1 month after buying, don't forget to charge the battery every 3 months.

CONTENTS PAGE

Check the tool before use

Due to modern mass production methods, the likelihood that your drill is faulty or missing standard parts is unlikely. If any parts are missing or you detect a fault of any kind, do not use the tool until parts have been replaced and/or the fault has been rectified. Failure to do so may result in serious personal injury.

⚠ Caution:
Do not use the charger if the power cord is damaged. It must be replaced immediately by an authorised service professional.

Specifications

Charging adaptor
Voltage.....100-240V~50/60Hz
Output.....15V
Current.....400mA
Cordless drill
Power rating ……..……..…..12V
No load speed ……..…… 0-700 /min
Chuck capacity ……....……..……..10mm
Drilling capacity wood ……..…….....10mm
Sound pressure level…..…….... 64.7dB(A) K=3dB(A)
Sound power level……..…….…..... 75.7dB(A) K=3dB(A)
Vibration level……....1.464m/s2 K=1.5m/s2

The sound intensity level for the operator may exceed 85dB(A) and sound protection measures are necessary.

Note:

-The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another.
Standards list as:
AS/NZS 60745.1
AS/NZS 60745.2.1
AS/NZS 60745.2.2

-The declared vibration total value may also be used in a preliminary assessment of exposure.

Warning:

-The vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used.

-Vibration emitted by the tool can cause anesthesia of your hand and arm, if you have worked with it for a long time. Some countermeasures against the vibration are listed below.

Description of symbols


Wear hearing protection. Wear eye protection.

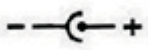

Double insulated for additional protection.


Read the instruction manual before use.

This symbol indicates that the batteries supplied with this product must not be treated as general household waste.


RCM, approval for Aus, Market.


In door use only.


Charging plug polarity.


Read the instruction manual before use.


Do not expose the battery pack to water


Do not expose the battery pack to fire or incinerate

Do not expose the battery pack to high outdoor temperatures (above 40°C)


Faulty and/or discarded electrical or electronic apparatus have to be collected at the appropriate recycling locations

Functions of the tool

- Boring holes in wood, aluminium, plastics and mild steel.
- Screwdriving (tightening and loosening wood screws).

The tool must be used for its prescribed purpose. Any use other than those mentioned within this instruction manual will be considered a misuse of the tool. The user and not the manufacturer will be considered liable for any damage or injury resulting from such misuse.
Do not attempt tasks outside the capacity of this tool.

Changes to the tool

The manufacturer will not be liable for any changes made to this tool by the user or any damage or injury resulting from such changes.

NOTE: When the tool is first switched on, it may release a slight oily smell.
This is common and should pass after a short period of time.
Not for commercial or industrial use.

General Power Tool Safety Warnings

WARNING! Read all safety warnings and all instructions. *Failure to follow the warnings and instructions 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 battery-operated cordless power tool.

Work area safety

- **Keep work area clean and well lit.** *Cluttered and dark areas invite accidents.*
- **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.*
- **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

Electrical safety

- **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 the risk of electric shock.*
- **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.*
- **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- **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.*
- **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.*

Personal safety

- **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.*
- **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*

- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to a power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*

- **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.*

- **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- **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.*

Power tool use and care

- **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.*
- **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.*
- **Disconnect the battery pack 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.*
- **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.*
- **Maintain power tools. 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.*
- **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- **Use the power tool, accessories and tools 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.*

Battery tool use and care

• **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.*

• **Use power tools only with specifically designed battery packs.** *Use of any other battery packs may create a risk of injury and fire.*

• **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.*

• **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contact eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*

Service

• **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.*

Drill safety warnings:

- **Wear ear protectors with impact drills.** *Exposure to noise can cause hearing loss.*
- **Use auxiliary handles supplied with the tool.** Loss of control can cause personal injury.
- **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*

  Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **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.
- **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.

Additional safety rules for drills:

- Ensure the power source conforms to the requirements stated on the name plate on the charging adaptor.
- Do not use the tool in wet or damp conditions.
- Always keep the work area free of tripping hazards.
- When using the drill always ensure you are wearing protective safety equipment including safety glasses/goggles, ear muffs, dust mask and other protective clothing including gloves and apron.
- Always check the work piece before operation and remove any obstructions such as nails, staples, screws, string, rags, cloths and other debris.
- Always use clamps or a vice to hold down and secure the work piece.
- Before drilling ensure there is a suitable gap below the work piece to prevent the drill bit from touching any obstacles.
- Before drilling holes or screwing into walls ensure that you are not breaking into an electricity, gas or water supply line etc.
- Never change the direction of the chuck rotation while the tool is still running. Ensure the chuck has come to a complete stop before changing the rotation of the drill.
- Do not lay the tool down unless the tool is switched off and the chuck has come to a complete stop.
- Keep hands and other body parts well away from the work area whist the tool is in use.
- Keep hands well away from the under side of the work piece during use.
- Do not use your hands to remove any dust, chips or other waste while the tool is in use.
- Do not touch the drill bit after operation. The bit will be HOT and will burn!
- This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely
- Young children should be supervised to ensure that they don’t play with the appliance.

Additional safety rules for chargers:

- Before using the charger, read all instructions and cautionary markings on the charger and battery pack as well as the instructions on using the battery pack.
- Only charge your batteries indoors as the charger is designed for indoor use only.
- **DANGER.** If the battery pack is cracked or damaged in any way, do not use it or try to charge it.

There is a danger of electric shock or electrocution.

- **WARNING.** Do not allow any liquid to come into contact with the charger. There is a danger of electric shock.
- The charger and the battery packs supplied, are specifically designed to work together. Do not attempt to charge the battery pack with another charger.
- Pull on the charger's transformer to disconnect it from the power source. Do not pull the lead.
- Do not use the charger if it has been subjected to a heavy knock, dropped or otherwise damaged in any way. Take the charger to an authorised service centre to check or repair it.
- Do not disassemble the charger. Take it to an authorised service centre when service or repair is required. Incorrect re-assembly may result in the risk of fire, electric shock or electrocution.
- To reduce the risk of electric shock, unplug the charger from the power supply before attempting to clean it. Removing the battery alone does not reduce the risk.
- This charger can only be used for charging 12V 1300mAh Li-Power battery pack supplied (3x3.7V Li 1300mAh battery cells) with this unit.
- Do not recharge non-rechargeable batteries
- During charging, batteries must be placed in a well ventilated area.

Additional safety rules for the battery pack:

- The battery pack for this tool has been shipped in a low charge condition. You should charge the battery pack fully before use.
- Do not incinerate the battery pack. The battery pack can explode in a fire.
- A small leakage of liquid from the battery pack may occur under extreme usage or temperature conditions. This does not necessarily indicate that the battery pack has failed. If the outer seal is broken and this fluid comes into contact with your skin, wash the affected area quickly with soap and water. If the fluid gets in your eyes, flush your eyes with clean water for a minimum of 10 minutes and seek immediate medical attention. Inform the medical staff that the liquid is a 25-35% solution of potassium hydroxide.

- Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks open or cracks, immediately discontinue its use and do not recharge it.
- Do not store or carry a spare battery pack in a pocket or toolbox or any other place where it may come into contact with metal objects. The battery pack may be short-circuited causing damage to the battery pack, burns or a fire.

Operating instructions:

Charging the battery (figs. 1 & 2)

The battery pack for this tool has been shipped in a low charge condition and must be charged fully charged before the first use (5 hrs). To obtain maximum capacity, ensure the batteries are fully discharged of all power before re-charging for the first 5 or 6 charges. The batteries must also be charged for a full 3-5 hours during this time.

- Remove the battery pack from the drill. To do this press the battery release button and simultaneously slide the battery out.
- Place the charging stand onto a bench or table near a power supply point.
- Place the battery pack firmly into the charging stand ensuring the + and – indicators on the battery match the indicators on the charging stand.
- Connect the AC adaptor to the power supply point. A green light indicates you have power to the charging stand. The green light will remain on until the charger is disconnected from the power supply point or the charging stand.

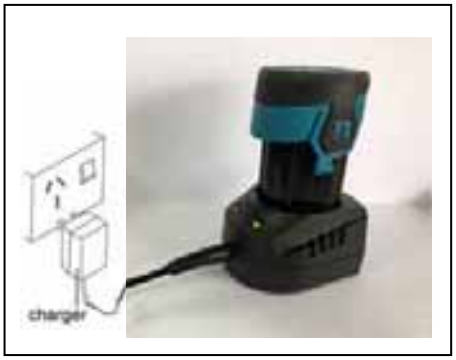


Fig.1

Fig.2

- A red light indicates battery pack is in charged, and after full charged, the red light will turn off, and green light will remain turn on.
  Note: once the battery is fully charged, the green light will not turn off. Please allow 3-5 hours of charge time and then remove from the charger stand.

⚠ **Caution:**

Please adhere to the safety rules for battery packs and chargers on pages 9 of this manual. Failure to do so may result in serious personal injury.

Ensure the switch is in the off position before inserting the battery pack into the drill.

Installing and removing bits (fig. 3)

- Remove the battery pack from the drill before installing or changing bits or making any other adjustments.
- Open the drill chuck by holding the chuck and rotate as per “RELEASE” direction marked on front section.
- Insert the bit firmly into the chuck. To tighten, turn the chuck with “GRIP” direction marked on the section, ensuring the claws of the chuck grip firmly and evenly on the bit.

Torque control (fig. 4)

- The torque control is ideal for pre-setting the drilling and screwdriving depth. There are 21+1 settings which are selected by rotating the torque control knob. 1- low setting for small screws and soft materials; 21- high setting for large screws and hard materials.
- Remove the battery pack from the drill before making any adjustments.
- When using torque settings 1 to 21, the clutch will operate at the pre-set adjustment. This is ideal for repetitive screwing where all screws must be driven to an exact distance.
- It is advisable to commence at the lowest setting and increase until the required setting is reached. Where possible use a scrap piece of material to determine the best setting.

Fig.3

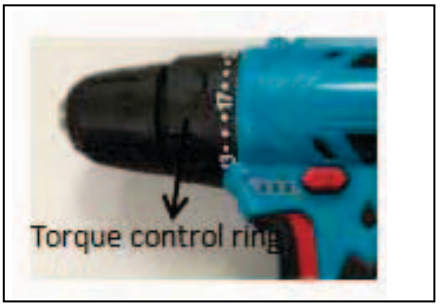


Fig.4

Switching on/off (fig. 5)

- Ensure the switch is in the off position before inserting the battery pack into the drill.
- Start the tool by squeezing the trigger switch.
- For clockwise rotation, hold the drill, pointing it away from you and push the rotation lever from right to left.
- For anti-clockwise rotation, hold the drill, pointing it away from you and push the rotation lever from left to right.
- When the drill is not in use, the rotation lever should be in the neutral position (centre), to avoid accidental starting.

⚠ **Caution:**

- Do not change the direction of the chuck rotation while the tool is in use. Release pressure from the on/off switch and allow the chuck to come to a complete stop before changing the chuck's rotational direction.
- Do not use tape or any other material to keep the trigger switch pressed down either permanently or temporarily. This could result in overheating, damaging the tool, or personal injury,

Starting the drill

- Ensure that the drill/screwdriver bit has been installed correctly.
- Choose the appropriate bit for the application required.
- The drill/screwdriver bit must be placed firmly on the work piece before the drill is switched on otherwise damage to the work piece and/or drill/screwdriver bit may result.
- Always check the direction of the drill rotation before use.

Drilling wood (fig. 6)

- For drilling into wood, do not use the torque control. Select the regular drilling position (See Fig.6).
- When drilling timber, use a woodworking bit.
- When drilling into soft wood the drill should be operated at its maximum speed.
- When drilling into hard wood the drill should be operated at low speed.
- Always drill in forward rotation.

Fig.5

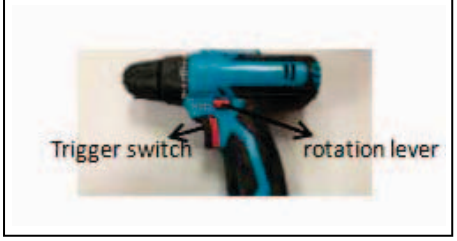
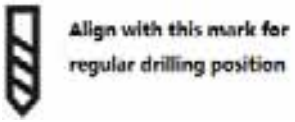


Fig.6



Drilling metals and plastics

- When drilling metals it is advisable to use a hole punch to mark the point you wish to drill.
- When drilling metals or plastic, use a metal working bit.
- When drilling metals it is important to use a cooling agent as the heat generated may make the drill hard to control. Before drilling, pour a small amount of drilling oil or paraffin turpentine mixture on the area of the metal being drilled and then proceed.
- When drilling plastics use water or a cooling agent to avoid discolouration.

Screwdriving (fig. 7)

- Before driving in wood screws, a suitable hole should be made in the work piece. This will prevent the screw and bit from wandering over the work piece causing damage.
- Select the torque setting you require. Align the selected torque setting with the mark at the top of the drill ( ).
- It is advisable to commence at the lowest torque setting and increase until the screw has been driven to the desired point.
- Where possible use a scrap piece of material to determine the best setting.
- It is recommended that when screw driving, the tool should be operated at low speed.
- Insert the bit into the screw head and gently drive the screw into the hole.
- When the clutch engages, immediately release pressure on the trigger switch.

Fig.7

Caution:

- Ensure that you have selected the required rotation of the chuck before commencing operation. (clockwise / anti-clockwise).
- Ensure the drill/screwdriver bit has been installed correctly. The bit must be placed firmly on the work piece before the drill is switched on otherwise damage to the work piece and/or drill/screwdriver bit may result.
- There is considerable force exerted on the tool and drill bit at the time of hole break through. Be sure to hold the tool firmly. Slow the speed of the drill and take care when the bit begins to break through.
- Pressing down excessively on the tool will not result in faster operation. Excessive pressure will only dull the bit and shorten tool life.
- For best results and safe use of this tool it is recommended that the work piece should be clamped securely to a work bench.
- Only use sharp drill bits. Blunt bits will cause unnecessary load on the drill and could cause the motor to burn out.
- Always commence drilling at low speed.
- Always ensure you are using the correct bit for the application.
- To prevent splintering on the underside of the work piece, place an additional piece of wood under the material being drilled and then proceed to drill the hole through both pieces.
- Non-ferrous materials such as thin sheet metal are difficult to drill. For precise drilling, place a piece of wood under the material being drilled and then proceed to drill the hole through both pieces.
- The manufacturer recommends that the tool always be supplied via a residual current device with a rated residual current of 30mA or less.

Maintenance

Caution:

Always turn the drill off and remove the battery pack before performing inspections or maintenance on this tool.

Overload

The motor of this tool may be damaged if overloaded. Manual pressure on this tool **will not** result in faster operation. Forcing the tool will only result in reduced efficiency and could cause the motor to burn out, substandard work, shorter tool life and possible injury.

Avoiding Motor Damage: If you are running the tool continuously at low speed, it's important to occasionally take the tool off load. Running the tool off load at full speed for approximately one minute creates a cooling air flow for the motor.

General maintenance & care

- Regularly inspect the tool and ensure all fixing screws remain tight as they may vibrate loose over time.
- Always clean the tool after each use.
- Do not use the charger if the power cord is damaged. It must be replaced immediately by an authorised service professional.
- Do not use worn or damaged drill/screwdriver bits. This may result in motor overload and reduced efficiency.
- Exercise due care to ensure the motor does not become damaged by oil or water.
- Regularly inspect the tool for damage which may be caused by normal use.
- Ensure that all parts are connected correctly and do not use this product if any parts are damaged or missing.
- Consult an authorised power tool repair agent in the event of damage or failure.

Know your cordless drill:

Features:

1. Keyless Chuck
2. Torque Control Knob
3. Housing
4. Rotation Lever
5. Handle/Grip
6. Battery Release Button
7. Battery Pack
8. Trigger Switch
9. Battery indicator

SPECIFICATIONS

- Input power: 12V
- No Load Speed: 0-700/min
- Torque Setting: 15+1
- Li-power Battery 1300mAh
- Charge Time: 3-5hrs

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12 Month Warranty

Thank you for your purchase from Kmart,

Kmart Australia Ltd warrants your new product to be free from defects in materials and workmanship for the period stated above, from the date of purchase, provided that the product is used In accordance with accompanying recommendations or Instructions where provided.
This warranty Is In addition to your rights under the Australian Consumer Law.

Kmart will provide you with your choice of a refund, repair or exchange (where possible) for this product If It becomes defective within the warranty period. Kmart will bear the reasonable expense of claiming the warranty. This warranty will no longer apply where the defect is a result of alteration, accident, misuse, abuse or neglect.

Please retain your receipt as proof of purchase and contact our Customer Service Centre on 1800 124 125 (Australia) or 0800 945 995 (New Zealand) or alternatively, via email at customer.satisfaction@kmart.com.au for any difficulties with your product. Warranty claims and claims for expense incurred in returning this product can be addressed to our Customer Service Centre at 690 Springvale Rd, Mulgrave Vic 3170.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fall to be of acceptable quality and the failure does not amount to a major failure.

For New Zealand customers, this warranty is in addition to statutory rights observed under New Zealand legislation.

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