



# User Manual

## Original Instruction

**WORKZONE®**  
**TITANIUM+**



**63524**  
**24V LITHIUM-ION**  
**CORDLESS DRILL**  
**WITH HAMMER**  
**ACTION &**  
**2 X BATTERIES**

**Product**  
**Info**



**+ VIDEO**



<https://help.tools/>

Read all safety warnings and all instructions thoroughly before operating this product.

IM Ed3 09/2020

# QR codes take you where you want to go quickly and easily

Whether you require product information, spare parts or accessories, details on warranties or aftersales service, or if you want to watch a product demonstration video, our QR codes will take you there in no time at all.

## What is a QR code?

A QR-code (QR=Quick Response) is a type of matrix that can be read with a smartphone camera and that contains a link to a website or contact details, for example.

Advantage: You are not required to manually enter a website address or contact details.

## How it works

To scan the QR code, all you need is a smartphone with QR codes reader software and an Internet connection\*. This type of software can be downloaded for free from your smartphone's app store.

## Try it out now

Just scan the QR code with your smartphone and find out more about the Aldi product you have purchased\*.

\* Depending on your tariff you may be charged for the connection.





# Warranty details

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REGISTER YOUR PURCHASE AT [www.aldi.com.au/en/about-aldi/product-registration/](http://www.aldi.com.au/en/about-aldi/product-registration/) TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION.


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The product is guaranteed to be free from defects in workmanship and parts for a period of 60 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

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 for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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## AFTER SALES SUPPORT

 (AUS) 1300 889 028  
(toll free)

e-mail: [info.aldi@positecgroup.com](mailto:info.aldi@positecgroup.com)  
MODEL: Nº.CDI224 • 09/2020 • 63524



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## Pack contents / parts

Congratulations on the purchase of your Workzone® Titanium 24V Lithium-Ion Cordless Hammer Drill. When you open your packaging, first remove all items and check there are no parts damaged or missing. If you find anything wrong, do not operate the product until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

**NOTE:** First time users or inexperienced operators pay particular attention to the operation of the Cordless Hammer Drill, including details of starting and stopping and correct use of the Cordless Hammer Drill on pages 16-19, as well as the maintenance instructions on pages 22.

### Intended use of the 24V Lithium-Ion Cordless Hammer Drill

**NOTE:** This product is for private domestic DIY use only.

It is not suitable for commercial or trade use.

This drill/driver is mainly used for drill/driving in wood or metal sheet, hammer drilling into non aggregate concrete, and screwdriving. Use the tool and accessories only for intended applications.

### Contents of carton

1 x 24V Lithium-Ion Hammer Drill/driver	1 x Side Belt Clip (fitted)
2 x 24V Lithium-Ion Batteries	1 x Carry Strap (fitted)
1 x Charger Adaptor	1 x Instruction manual
1 x Plug Pack Charger	1 x Warranty Card & Certificate
	1 x Quick Start Guide

# Description of symbols

The instruction manual, rating plate, or on the product itself, may show these symbols. These represent important information about the product or instructions on its use.



Wear eye protection.  
Wear ear protectors when impact drilling.  
Exposure to noise can cause hearing loss.



Regulatory Compliance Mark. Appliance complies with requirements of electrical approval & EMC in Australia.



Read the instruction manual.



Waste electrical products should not be disposed of with household waste.



Li ion Battery recycle.



3-5 hrs

Ready for use in 3-5 Hours.



Caution/Warning:  
Read all safety warnings and all instructions.



Indoor use.



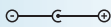
1A Fuse.



Double Insulation. There are two independent barriers of insulation to protect you from the possibility of electric shock.



MEPS.



Polarity.



60 Month Warranty Period.



The box is recyclable at the kerbside.



12 Month Warranty Period.



The insert is not recyclable at kerbside, and should be placed in the general waste bin.



Direct Current.



Do not crush, disassemble, short terminals or dispose in fire; there is a risk of burns explosion or fire



Do not put in water



MAX. 45°C

Do not charge the battery pack if the ambient temperature is less than 0°C or greater than 45°C.

# 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 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 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 energising 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 jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery 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 behaviour 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 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.*

## **Drill safety warnings**

### **1) Safety instructions for all operations**

- a) Wear ear protectors when impact drilling.** *Exposure to noise can cause hearing loss.*
- b) Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory or fasteners may contact hidden wiring.** *Cutting accessory or fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
- c) This appliance must be used with a residual current device with a rated residual current of 30mA or less.**

### **2) Safety instructions when using long drill bits**

- a) Never operate at higher speed than the maximum speed rating of the drill bit.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*
- b) Always start drilling at low speed and with the bit tip in contact with the workpiece.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*
- c) Apply pressure only in direct line with the bit and do not apply excessive pressure.** *Bits can bend causing breakage or loss of control, resulting in personal injury.*

## Safety Warnings for battery pack

- a) **Do not dismantle, open or shred cells or battery pack.**
- b) **Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.** *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.*
- c) **Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- d) **Do not subject battery pack to mechanical shock.**
- e) **In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.**
- f) **Seek medical advice immediately if a cell or battery pack has been swallowed.**
- g) **Keep battery pack clean and dry.**
- h) **Wipe the battery pack terminals with a clean dry cloth if they become dirty.**
- i) **Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**
- j) **Do not maintain battery pack on charge when not in use.**
- k) **After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- l) **Battery pack gives its best performance when it is operated at normal room temperature ( $20\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$ ).**
- m) **When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.**
- n) **Recharge only with the charger specified by POSITEC. Do not use any charger other than that specifically provided for use with the equipment.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
- o) **Do not use any battery pack which is not designed for use with the equipment.**
- p) **Keep battery pack out of the reach of children.**
- q) **Retain the original product literature for future reference.**

- r) Remove the battery from the equipment when not in use.**
- s) Dispose of properly.**
- t) Do not mix cells of different manufacture, capacity, size or type within a device.**
- u) Do not remove battery pack from its original packaging until required for use.**
- v) Observe the plus (+) and minus (-) marks on the battery and ensure correct use.**

## General 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.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

### Additional safety instructions for your Battery Charger

1. Before charging, read the instructions.
2. For charge 2024001-BAT battery pack only.
3. Do not charge a leaking battery.
4. Do not use chargers for works other than those for which they are designed.
5. Before charging, ensure your charger is matching the local AC supply.
6. The charging device must be protected from moisture.
7. Do not use the charging device outdoors.
8. Do not short out the contacts of battery or charger.
9. Respect the polarity “+/-” when charging.
10. Do not open the unit and keep it out of the reach of children.
11. Do not charge the batteries of other manufactures or ill-suited models.
12. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
13. Keep battery charger’s slots free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
14. When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.
15. Do not recharge non-rechargeable batteries, as they can overheat and break.
16. Longer life and better performance can be obtained if the battery pack

is charged when the air temperature is between 18°C and 24°C. Do not charge the battery pack in air temperatures below 0°C, or above 40°C. This is important as it can prevent serious damage to the battery pack.

17. Charge only battery pack of the same model provided by the manufacturer. and of models recommended by the manufacturer..

## Parts List

- |   |                                  |
|---|----------------------------------|
| 1. Drill/Driver chuck   | 9. Battery pack                  |
| 2. Torque setting/ collar   | 10. Charger Adaptor              |
| 3. Function selection collar  | 11. Plug Pack Charger            |
| 4. Two speed high /low gear selector  | 12. LED work light               |
| 5. Belt Clip  | 13. Hammer Drill function symbol |
| 6. Forward/Reverse switch   | 14. Screw function symbol        |
| 7. Rechargeable battery display   | 15. Drill function symbol        |
| 8. Variable speed, On/Off trigger switch for drill, brake, light control, and battery display | 16. Battery release tab          |
|   | 17. Carry Strap                  |



## Use the drill/driver

### Important information – Product care

This drill/driver uses Lithium Ion Battery Cells. Care **MUST** be taken to ensure both the safety and life of the pack is maintained. Ensure you have read all of the safety notes in the previous pages before using the drill/driver.

Treat the battery pack with care and within the guidelines of this manual. If the pack does become immersed in water or any fluids, or is subject to a severe drop or it does not operate within the guidelines of this manual, immediately **STOP** using the battery pack and have it checked.

During operation avoid overloading the drill/driver. If the drill/driver is overloaded it will automatically **STOP**. Overloading may occur for a number of reasons including when the drill/driver is pushed too hard or when using a drill/driver bit or attachment greater than what is specified. If you do overload the drill/driver during operation refer to the “Overload” section in this manual.

**NOTE:** When the battery of the drill/driver is at the lower end of the charge, the drill/driver is more susceptible to the overload condition.

Running the drill/driver at close to maximum load, or continual resetting of the overload will cause the battery pack to overheat. When a preset cell temperature is detected, the battery pack will automatically **STOP** operating and will not restart until the battery pack has cooled to a safe level.

In this condition, **DO NOT** force cool the pack by placing in a freezer or similar device. Refer to the “Overload” section in this manual.

Another feature of the drill/driver/battery pack is the low voltage cut out feature. This feature operates when the voltage drops below a preset value. When this occurs the tool will automatically stop operating. To correct the situation you need to either insert another charged battery into the drill/driver or recharge the existing battery, and then proceed with the drill/driving application.

**NOTE:** Attempting to restart the tool in this condition without either recharging the battery or installing a battery with charge will lead to drill/driver restarting and then stopping again after only a few seconds of operation.

These safety devices have been fitted for the safety, reliability and life of the tool.

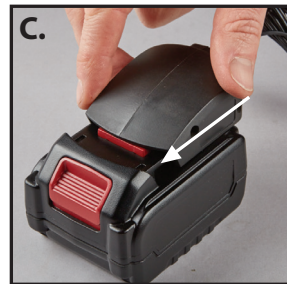
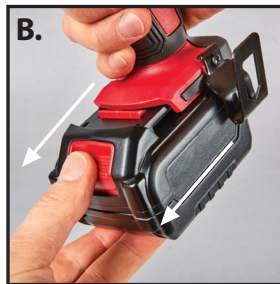


## Fitting and removing the battery pack

1. To install the battery pack (9) to the tool, align the raised portion of the battery pack (9) with the grooves on the bottom of the drill/driver, and with your thumb on the battery release tab (16), slide it firmly into the handle until the battery is secure in position (Fig A). Release your thumb from the battery release tab (16).
2. To remove the battery pack from the tool, press the battery release tab (16) and slide the battery pack completely out of tool handle (Fig B).
3. When applying the charger adaptor (10) onto the battery pack (9), slide the charger adaptor (10) onto the battery pack (9), whilst aligning the tabs on the battery pack (9) with the tabs on the charger adaptor (10) (Fig C).

The charger adaptor (10) will make a snap / click noise when it is securely aligned.

4. To remove the battery pack (9) from the charger adaptor (10), press the battery release tab (16) and slide the charger adaptor backwards / outwards, opposite to the direction it was installed into the charger adaptor (10).



## Battery charging

**IMPORTANT.** Before attempting to charge the battery, check the charger adaptor (10), plug pack charger (11), and the battery pack to ensure the charging equipment matches the battery supplied. The components are all labelled with component numbers.

Check the input voltage on the charger label and ensure the input voltage indicates 100-240V ac 50-60 Hz.

**CAUTION!** The rechargeable battery may not be fully charged on leaving the factory. Charge the rechargeable battery for approx 3-5 hours before first use, or until fully charged.

If the battery pack (9) does not accept a charge when first plugged in and connected, ie the red light does not come on, the battery pack is most likely fully charged from the factory.

In this case it is suggested to use or run the drill for a few minutes and then re connect to the charger. The red charging light should come on showing the charging cycle is working correctly.

**CAUTION!** The working temperature of the charging operation is 0°C to 45°C.

1. Connect the power supply from the plug pack charger (11) to the charger adaptor (10) via plugging the plug from the plug pack charger (11) into the charger adaptor (10) housing.

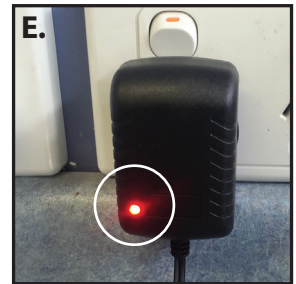
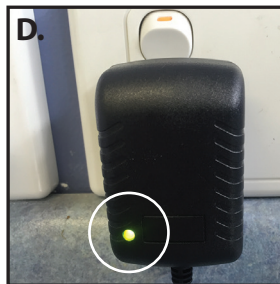
Plug in the plug pack charger (11) and switch on at the power supply. The light on the plug pack charger (11) will highlight "green" to indicate there is power (Fig D).

2. Align the battery pack (9) with the charger adaptor (10). Insert the battery pack and slide it firmly into position (Fig C). The light on the plug pack charger will highlight "red" to indicate the battery is being charged (Fig E).

The battery will be ready for use up to approximately 3-5 hours.

When the battery is charged to the correct voltage the red changes to GREEN indicating the plug pack is still connected to the turned on power but is NOT charging

**NOTE:** The power to the charger should be turned off when unattended, with or without a battery inserted.



## Rechargeable Battery Display

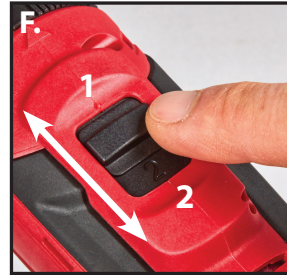
1. The rechargeable battery display (7) indicates the level of power left in the battery pack (9). To check the power of the battery, press on the trigger switch (8) to activate the drill, and the lights will be activated.
2. When all 3 lights are lit up, the battery is fully charged. When 2 lights are lit up, the battery is at approx 50-60%. When only 1 light is lit up, there is approx 20% power left in the battery pack (9).

## 2 Speed gearbox

The 2 Speed Gearbox allows you to select a gear with the optimum speed and torque to suit the application.

**NOTE:** When changing the two speed high / low gear selector (4), ensure the drill/driver is not operating.

1. To select the LOW gear (low speed, high torque setting), push the two speed high / low gear selector (4) backward, towards the back of the drill/driver. The number "1" will be displayed (Fig F).
2. To select the HIGH gear (high speed, low torque setting), push the two speed high / low gear selector (4) forward, towards the chuck. The number "2" will be displayed (Fig F).



The picture here shows the gear selector forward so the drill/driver is in High speed, with the number 2 displayed.

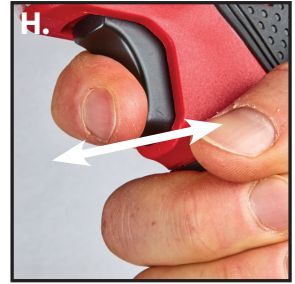
## Trigger switch

1. Use the forward/reverse switch (6) to select the direction of rotation (Fig G), then pull the trigger (8) (Fig H). This trigger switch is an electronic variable speed control which enables the user to vary the speed continuously. The speed varies according to how far the trigger switch is depressed. The further it is depressed the faster the chuck will rotate and the lighter it is depressed, the slower it will rotate.



- To stop the drill/driver, release the trigger switch (8).

**Note.** The variable speed control fitted to this drill/driver is NOT intended to be used for long periods of time during the operation of the task being performed. Use the variable speed to start drill/driving and screwing tasks, and then fully depress the trigger once the task has started.



**CAUTION.** Extended use of the variable speed under load will overload and then permanently damage the speed control.

### Forward/reverse switch

**NOTE:** You can only change the direction of rotation of the drill/driver using the forward/reverse switch (6) when the trigger (8) is NOT depressed.

This switch will allow you to change the direction of the motor while the trigger switch is not depressed.

- To put in reverse mode, push in the forward/reverse switch on the side of the drill where the arrow on the switch is pointing to the rear end of the drill. The chuck will rotate in an anti-clockwise direction.
- To put in forward mode, push in the forward/reverse switch on the side of the drill where the arrow on the switch is pointing to the front end of the drill. The chuck will rotate in a clockwise direction.

Drill/driving uses the forward mode. The reverse mode is intended for the removal of screws and assisting to remove jammed drill/driver bits.

- When the forward/reverse switch is in the middle position, not engaged in either the forward or reverse position, the drill is in a locked state and will not engage.

### Adjustable torque

This drill/driver is equipped with 25 torque settings plus 1 x drill setting, 1 x screw setting and 1 x hammer setting.

The torque settings are controlled and adjusted by the torque setting / collar (2), but only affects the output when the screw function (14) is selected.

The screw function (14), the drill function (15) and the hammer drill function (13) are all selected using the second collar, the function selection collar (3).

When using the drill/driver  
for screwdriving

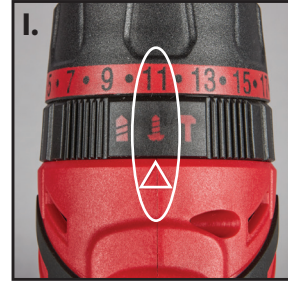
24V Lithium-ion Cordless Drill with Hammer Action

## When using the drill/driver for screwdriving

1. Rotate the function selection collar (3) so to align the screw symbol with the triangular indicator on the top of the drill housing (Fig I). Function setting is screw function (14).
2. To adjust the torque setting, rotate the torque setting / collar (2). The higher the number, the higher the output torque. Align the required torque setting number with the triangular indicator on the top of the drill (Fig I). Torque setting is 11 in the example in Fig I.

Controlling the torque allows better control when applying screws in the screw function (14) and assists in the prevention of over tightening if the torque is correctly set.

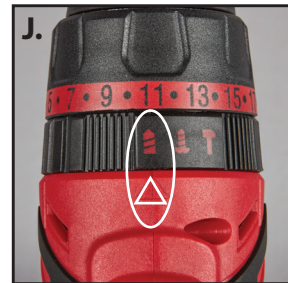
For setting the torque position, always start off with a low torque setting and build up to the required higher torque setting after testing on a test piece first.



## When using the drill/driver for drilling

1. When using the drilling function the torque control has no effect to the output of the drill. The drill function (15) is used to drill holes in metal, non ferrous material, wood, plastic and similar materials.

Rotate the function selection collar (3) so the symbol of the drill bit aligns with the triangular indicator on the top of the drill housing (Fig J).



## When using the drill/driver for hammer drilling

1. When using the hammer drilling function (13), the torque control has no effect to the output of the drill. The hammer drill function (13) is used to drill holes in non fired, and non aggregate, but cement based material or similar materials. The action of the hammer is for drilling and not for chiseling.



When fitting the drill bit, ensure to use a masonry drill bit suitably designed for the application.

Rotate the function selection collar (3) so the symbol of the hammer drill function (13) aligns with the triangular indicator on the top of the drill housing (Fig K).

## Inserting and removing bits

This drill/driver has a keyless chuck, which means that a chuck key is not needed to secure a bit in the drill/driver.

1. Open the chuck (1) by unscrewing it in an anti-clockwise direction, holding the drill/driver as shown (Fig L).

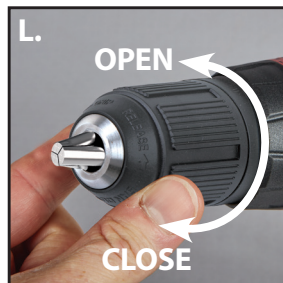
Do this sufficiently enough to allow the drill/driver bit to enter the jaws of the chuck.

2. Ensure the drill/driver bit is fully inserted, so that the chuck jaws grip the straight section of the bit.

Rotate the chuck clock-wise until the jaws tighten on the drill/driver bit. The collar of the chuck needs to be tightened firmly to ensure the drill/driver bit is held securely.

To remove the drill/driver bit, rotate sharply the chuck in an anti-clockwise direction, sufficiently enough to allow the drill/driver bit to be removed.

**NOTE:** This device is fitted with spindle lock and the chuck is a one handed operation.



## Drill/driver Overload

This drill/driver is fitted with an overload protection. If the drill/driver is excessively forced, or the task being performed is too great for the drill/driver, the drill/driver will automatically go into an overload mode. When the drill/driver goes into overload, the drill/driver will automatically and suddenly STOP. To reset the overload, simply release the trigger. When the trigger is pressed again, the drill/driver will restart. Resume work after the overload has been reset, but reduce the load by using a smaller drill/driver bit or re-sharpen the existing drill/driver bit and reduce the amount of force placed on the drill/driver. If the drill/driver is set to High speed on the gear selector, consider changing to low speed selection.

**CAUTION.** Do not continue to overload the drill/driver and constantly reset the overload. Doing this will cause the battery cells to over heat.

## Temperature cut out

If the drill/driver is constantly overloaded, or the drill/driver is used constantly at maximum rating in high ambient conditions, the battery cells may overheat causing the battery pack to shut down.

When this occurs you will need to allow the battery cells to cool.

**NOTE:** The drill/driver will not restart until the battery pack has cooled.

To reduce the temperature of the cells remove the battery pack from the drill/driver and place the battery pack in a free air environment, out of direct sunlight or any other heat source.

DO NOT force cool the pack in any way. Do not place in refrigerators or freezers.

When the battery pack has cooled down it can again be used to operate the drill/driver, as long as the load or the conditions causing the original excessive temperature has been corrected.

## Low voltage cut out

The battery pack used on this tool is fitted with a low voltage cut out feature within the circuitry.

The low voltage cut out feature operates when the voltage drops below a preset value. This feature automatically stops the drill/driver from operating (similar to that of the overload condition). When this condition occurs you will need to either insert another battery into the drill/driver or recharge the existing battery.

The low voltage cut out feature has been added to maximise the life of the battery cells in the battery pack (9). When this occurs, recharge the battery pack by following the battery charging section in this manual.

**NOTE:** Attempting to restart the tool without either recharging the battery or installing another battery pack (with charge) will lead to drill/driver restarting and then stopping again, after only a few seconds of operation.

## Drill/driving metals

- Always clamp sheet metal.
- Support thin metal with a block of wood to avoid distorting it.
- Use a punch to mark the centre of the hole.
- Use a suitable lubricant for the material you are working on:

### USE:

Oil

Turpentine or paraffin

Do not lubricate

Do not Lubricate

### FOR:

Steel

Aluminium

Brass, copper or cast iron

Concrete based material

## Drill/driving plastics and plastic coated chipboard

- Use high speed drill/driver bits
- See drill/driving wood below

## Drill/driving wood

- Clamp a piece of scrap wood to the back of your work to prevent splintering.

## Hammer drill operations.

- Where possible, use High speed.
- Select the hammer position on the function selection collar (3).
- Use drill bits specifically for masonry applications.
- Ensure to wear safety glasses.



## All drill/driving operations

- Mark off the centre of the hole using a centre punch or nail (Do not use centre punch in Masonry applications).
- Don't force the drill/driver, let it work at its own pace
- Keep the drill/driver bit sharp.
- Reduce pressure, as the drill/driver is about to break through the item being drill/drived.

## LED work light

When the unit is switched on, the LED work light (12) also comes on to ensure better vision and to make working in dark areas more safe. The working light goes out when the On/Off trigger (8) is released.

**CAUTION!** LED is laser class 1!

Do not look directly into the laser as this may result in damage to the eyes.

## Chuck replacement

The chucks of reversible drill/drivers are always fixed by a screw with a left-hand thread. The screw, which is located in the centre of the chuck, must be removed before the chuck can be removed. To remove the screw, turn it in a clockwise direction. The chuck can now be removed by unscrewing it anti-clockwise. If you have trouble removing the chuck take the drill/driver to your nearest authorised service centre for chuck replacement.

**CAUTION.** Always ensure that the drill/driver is switched off and the battery pack is removed before making any adjustments.

## Side Belt Clip

The belt clip (5) is used to assist to clip the tool to your waist belt while working.

## Carry strap

A carry strap (17) is included on the drill and is already fitted for convenience.

## Cleaning

Clean the case only with a damp cloth. DO NOT use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease etc, then dry well.

## Maintenance

To maintain capacity, recharge the battery pack every two months. Store only fully charged batteries.

They should therefore be recharged from time to time. The place of storage must be dry; the ambient temperature must not fall below 0°C or rise above 45°C.

**CAUTION!** Electrical and battery operated units that no longer work should not be disposed of in the household waste! They are to be collected separately, in accordance with your local waste disposal regulations.

**ATTENTION!** Battery packs must be removed from battery powered tools and disposed of separately in accordance with relevant waste battery regulations.

**Battery packs must never be disposed of with domestic waste!**

Please discard power tools no longer usable at a local collection point. Collection and disposal of packaging materials separately by types complying with local rules and regulations. For details, please contact your local council.

## Warranty

Your new Workzone® Titanium 24V Lithium-Ion Cordless Drill will more than satisfy your expectations.

It has been manufactured under stringent Workzone® Quality Standards to meet superior performance criteria.

You will find your new 24V Lithium-Ion Cordless Drill easy and safe to operate, and, with proper care, it will give you many years of dependable service.

**CAUTION.** Carefully read through this entire instruction manual before using your new Workzone® Titanium 24V Lithium-Ion Cordless Drill.

Take special care to heed the Cautions and Warnings.

Your Workzone® Titanium 24V Lithium-Ion Cordless Drill has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this 24V Lithium-Ion Cordless Drill, making it easy to maintain and operate.

Use only Workzone® Titanium replacement parts for your product.

Non-conforming parts or modifications made to parts will void your warranty.

## Environmental protection



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

## What your 5 year \* warranty means

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 5 years \* after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

After Sales Support TEL: 1300 889 028

\* 5 year warranty on drill. 1 year warranty on battery and charger.

## Service Support

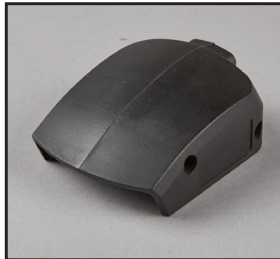
If you have any issues with the operation of your product, please call us on 1300 889 028 for advice, or email us at [info.aldi@positecgroup.com](mailto:info.aldi@positecgroup.com)

## Accessories and After Sales Parts

The following accessories are available for purchase by visiting <https://help.tools/> or calling our customer service hotline on: 1300 889 028



1. 2024001-BAT - 24V  
1.5Ah Battery  
(63524)



2. 2024001-CBA - 24V  
Charger Adaptor  
(63524)



3. IVP 2600-0450WS  
Plug Pack Charger  
(63524)

## FAQ/Troubleshooting

### Do I need to charge the battery before use?

Yes, new battery packs are shipped in a low charge condition and must be fully charged before use. It takes approximately 3-5 hours to fully charge your new battery.

Follow the full section "Battery Charging" in this manual on page 14-15.

Charging of Battery packs should not be undertaken casually. Through the charging cycle the condition of the battery pack should be monitored and the charge cycle turned off at completion or at the end of the recommended time.

### How do I obtain the best life for the battery?

- Never allow the battery packs to run completely empty before recharging. The battery packs should be placed on charge whenever the battery packs is noticeably running down or the drill no longer performs a task it previously performed.
- Avoid allowing loose items like screws or nails etc. to be stored with battery packs as these or similar items can short battery packs and cause a fire or explosion.
- Always unplug the plug pack charger when not in use and store in a dry secure place.
- Avoid charging or storing your battery packs in temperatures below 0°C and above 45°C.

### How do I use the 2 gears on the drill?

To select the LOW gear (low speed, high torque setting), push the gear selector backward, towards the back of the drill/driver. The number "1" will be displayed.

To select the HIGH gear (high speed, low torque setting), push the gear selector forward, towards the chuck. The number "2" will be displayed.

**NOTE:** The gears cannot be changed if the variable speed / on off trigger (8) is depressed.

### How do I adjust the torque?

The torque function will only operate when the screw function (14) is selected by rotating the function selection collar (3) and aligning the screw symbol with the triangular indicator on the top of the drill.

To adjust the torque setting you rotate the torque setting / collar (2). The higher the number, the higher the torque setting collar.

Controlling the torque allows for better control when using the drill/driver on specific add screwing tasks and assists in preventing over-fastening and over-tightening.

For setting the torque position, first select a low setting on the torque setting / collar (2) and align the selected symbol with the triangular indicator on the top of the drill/driver.

Slowly increase the torque setting to the desired level. It is suggested to test the setting on scrap material first.

### How do I select hammer function?

Rotate the function selection collar (3) until the hammer drill symbol aligns with the triangular

indicator.

### **How do I select drill function (Non Hammer)?**

When using the drilling function the torque control has no effect to the output of the drill. The drill function (15) is used when using the drill to drill holes in metal, non ferrous material, wood, plastic and similar materials. Rotate the function selection collar (3) so the symbol of the drill bit (15) aligns with the triangular indicator on the top of the drill housing.

### **How do I select screw / driver function?**

Rotate the function selection collar (3) so to align the screw symbol (14) with the triangular indicator on the top of the drill housing. To adjust the torque setting, rotate the torque setting /collar (2). The higher the number, the higher the output torque. Align the required torque setting number with the triangular indicator on the top of the drill.

Torque setting is 11.

### **What is the function of the Forward / Reverse switch?**

This forward / reverse switch (6) will allow you to change the direction of the motor while the trigger switch is not depressed.

Drill/driving uses the forward mode. The reverse mode is intended for the removal of screws and assisting to remove jammed drill/driver bits.

### **What do I do if I have an issue with my drill?**

If you have any issues with your drill/driver, please contact our Customer Service line on 1300 889 028.

## Specifications

Motor:	24 V $\overline{\text{---}}$
Low speed:	$n_0\text{-Lo} = 0 - 400 \text{ min}^{-1}$
High speed:	$n_0\text{-Hi} = 0 - 1550 \text{ min}^{-1}$
Impact Frequency:	0-6,000 / 0-22,500 BPM
Drill/driver diam $\varnothing$ :	- Wood 30 mm - Steel 13 mm - Non aggregate materials 13mm
Chuck:	13 mm Keyless
Battery 2024001-BAT:	24 V $\overline{\text{---}}$ 1.5Ah/Li-Ion
Plug Pack Charger:	Model: IVP 2600-0450WS Input: 100-240V~ 50-60Hz 0.5A Output: 26.0 V $\overline{\text{---}}$ , 0.45A
Charger Adapter:	Model#: 2024001-CBA
Charging time:	Ready for use in 3-5 Hours
Product Dimensions:	235mm x 245mm x 75mm (L x W x H) (Drill/driver with battery pack fitted)

**Your 24V Lithium-ion Drill with Hammer Function product complies with the following Standards:**

### 1. Charger:

IEC60335-1  
IEC60335-2-29  
AS/NZS60335.1  
AS/NZS60335.2.29

### EMC

EN 55014-1  
EN 55014-2  
EN 61000-3-2  
EN 61000-3-3

### 2. Drill:

IEC 62841-1  
IEC 62841-2-1  
AS/NZS 62841.1  
AS/NZS 62841.2.1

### EMC:

EN 55014-1  
EN 55014-2

### 3. Battery:

IEC62133-2:2017



ALDI guarantees that our exclusive brand products are developed to our stringent quality specifications. If you are not entirely satisfied with this product, please return it to your nearest ALDI store, within 60 days from the date of purchase, for a full refund or replacement, or take advantage of our after sales support by calling the supplier's Customer Service Hotline.



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**5**

YEAR WARRANTY