

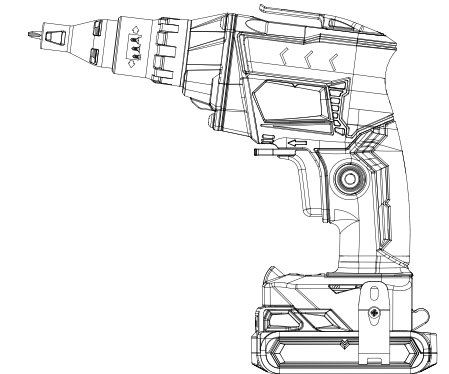
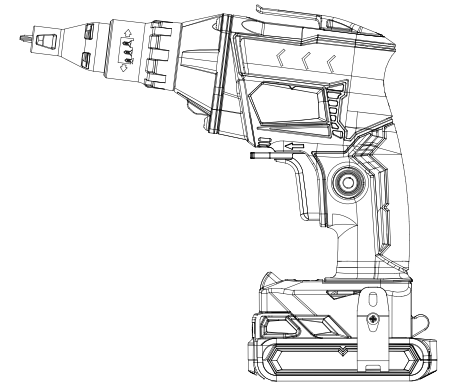


USER MANUAL

使用說明書

CORDLESS 1/4" DRYWALL SCREWDRIVER

鋰電無碳刷1/4"自攻牙起子機



BEX®
Be Xcellent

Located on the toolhousing are the model and serial numbers of your tool, please record these.

請您紀錄位於包裝盒上的工具型號與序號。

Model Number: _____
型號

Serial Number: _____
序號

WWW.BEXTOOL.COM

Made in Taiwan



IMPROPER AND UNSAFE USE OF THIS TOOL WILL RESULT IN DEATH OR SERIOUS INJURY. IT IS VERY IMPORTANT THAT THE INTENDED OPERATOR OF THIS TOOL READS AND UNDERSTANDS THIS MANUAL BEFORE OPERATING THIS TOOL. KEEP THIS MANUAL AVAILABLE FOR OTHERS BEFORE THEY USE THE TOOL.



不當或不安全使用本工具可能導致死亡或嚴重傷害。
操作本工具的使用者務必在操作前仔細閱讀並理解本手冊內容。請將本手冊保留，供其他使用者在使用工具前參閱。

▲ **WARNING:** Please read the instructions and warnings for this tool carefully before use. Failure to do so could lead to serious injury.

▲ **重要事項:** 使用本工具前，請仔細閱讀操作說明與警告內容。
未遵守可能導致嚴重傷害。

DSD006D
DSD011D

Explanation of symbols

Wear eye protectors	Warning	Read instruction before use	Wear hearing protectors
			
Direct current	Rated Revolutions per Minute (RPM)	Volts	
D.C.	n XXXX min ⁻¹	V	

Mode No	DSD006D	DSD011D
Sound pressure level (LpA)	73.8dB(A)	74.3dB(A)
Sound power level (LWA)	84.8dB(A)	85.3dB(A)
Uncertainty (K)	3dB(A)	3dB(A)
Vibration emission (ah)	0.32m/S²	0.16m/S²
Uncertainty (K)	1.5m/S²	1.5m/S²

NOTE : The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE : The declared noise emission value(s) may also be used in a preliminary assessment of exposure.

- ▲ **WARNING : Wear ear protection**
- ▲ **WARNING : The noise emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.**
- ▲ **WARNING : Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).**

FCC
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference and
(2) This device must accept any interference received,including interference that may cause undesired operation.

Table of content

General power tool safety Warning	03
Specific safety rules for Drywall Screwdriver	05
Specifications	05
Assembly and instruction	05
Operation	06
Battery Specification & Safety	08
Battery Charger Safety	10
Maintenance	11
Trouble shooting	12

General power tool safety Warning

▲ WARNING Read all safety warnings, instructions, illustrations and specifications. 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.

Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring or its own cord. Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

General Power Tool Safety Warnings -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.

General Power Tool Safety Warnings

-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 (GFCI) protected supply.** Use of an GFCI reduces the risk of electric shock.

General Power Tool Safety Warnings- 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 battery, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

General Power Tool Safety Warnings- 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 plug from the power source and/or 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.
- 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. 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.

General Power Tool Safety Warnings-Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it**

away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

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

e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.

f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 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.

General Power Tool Safety Warnings-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.

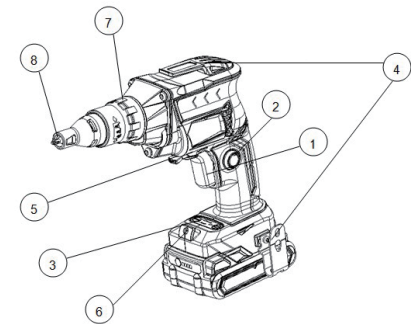
Specific safety rules for Drywall Screwdriver

- **Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.**
- **Hold the tool firmly.**
- **Keep hands away from rotating parts.**
- **Do not touch the bit or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**

Specification

Model No		DSD006D	DSD011D
Capacities	Drywall screw	6mm	6mm
	Self drilling screw	5mm	5mm
Applicable length of screw		55mm	55mm
No load speed(RPM)		0-5000rpm	0-2500rpm 0-1600rpm
Volts		18 V D.C.	
Length		267mm	
Tool Weight		1.56kg	1.59kg
BatteryType		EB18025-B1 EB18050-B1	
Charger Type		EC1800-B2	

Function Description



1	Switch trigger	5	Reversing switch lever
2	Lock button	6	LED
3	Mode indicator	7	Locator
4	Hook	8	Bit

ASSEMBLY AND INSTRUCTION

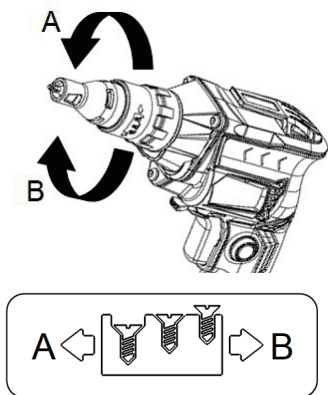
- **▲ Recharge only with the charger specified for the battery. For specific charging instructions, read the operator's manual supplied with your charger and battery.**
- **Removing/Inserting the Battery**
 - **▲ To remove the battery, push in the release buttons and pull the battery pack away from the tool.**
To insert the battery, slide the pack into the body of the tool. Make sure it latches securely into place.
 - **▲ Always remove battery pack before changing or removing accessories.**
 - **Only use accessories specifically recommended for this tool. Others may be hazardous.**

Installing and removing Accessories

Always remove the battery before inserting or removing bits. Select the proper style and size bit for the job.

1. To open the chuck jaws, turn the sleeve in the counterclockwise direction. When using drill bit, allow the bit to strike the bottom of the chuck. When using screwdriver bits, insert the bit far enough for the chuck jaws to grip the hex of the bit.
2. To close the chuck jaws, turn the sleeve in the clockwise direction. The bit is secure when the chuck makes a ratcheting sound and the sleeve can not be rotated any further.
3. To remove the bit, turn the sleeve in the counter-clockwise direction.

Part function description

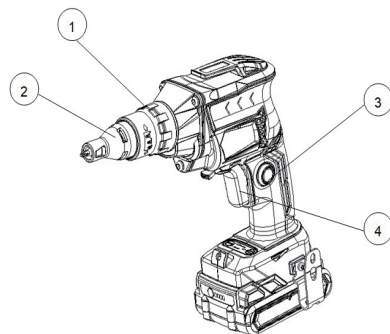


The (depth) adjustment shaft assembly is fixed on the gear box and can be adjusted by turning.

Adjusts the screwdriver base combination to lock the screw depth.

Increase the locking depth in direction A, and decrease the locking depth in direction B.

Operation

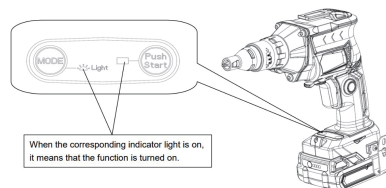


1. The adjusting shaft assembly is fixed on the gear box and can be rotated to adjust the depth of the locking screw.
2. The adjustment shaft combination can be quickly detached, and is equipped with a BIT quick-detach structure to enable the BIT to be quickly replaced.
3. For continuous operation, pull the switch trigger, push in the lock button and then release the trigger. To stop the tool from the locked position, pull the switch trigger fully, and then release it.
4. To start the tool, simply pull the switch trigger. Tool speed is increased by increasing pressure on the switch trigger. Release the switch trigger to stop.

Note:

1. Pulling the trigger switch activates the motor, but the screwdriver base assembly will not rotate if it is not pressed down. The front screwdriver base assembly will only be driven when pressure is applied to it.
2. If the motor continues to run for approximately 6 minutes, the tool will automatically stop.

Control panel functions



DSD006D

The operation panel includes:

1. Push start function - In this mode, only pressing the trigger switch will not activate the motor assembly. The motor will engage and lock/release the screw only when the trigger switch is pressed + the screwdriver base is pushed down a certain distance.
2. When there is a tool/battery malfunction, the indicator lights will flash together to alert the user.
3. The LED illumination can be toggled by a short press of the MODE button to turn on/off the illumination. When the LED illumination function is turned on by a short press of the MODE button, please note that the LED illumination light will only turn on when the trigger is pressed again and the motor is running.
4. In Push start mode, if the trigger switch lock function is used to keep the trigger switch in the operational position without driving the tool, and if maintained for approximately 4 hours or when the battery voltage drops below 13.5V, the tool will shut off. The trigger switch must be released and the battery reinserted to restart.

DSD011D

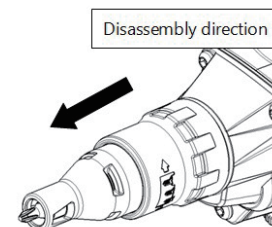
The operation panel includes:

1. Long press the MODE button for 3 seconds to switch between speeds - 2500 / 1600 RPM (Low speed light on).
2. Push start function - In this mode, only pressing the trigger switch will not activate the motor assembly. The motor will engage and lock/release the screw only when the trigger switch is pressed + the screwdriver base is pushed down a certain distance.
3. When there is a tool/battery malfunction, the indicator lights will flash together to alert the user.
4. The LED illumination can be toggled by a short press of the MODE button to turn on/off the illumination. When the LED illumination function is turned on by a short press of the MODE button, please note that the LED illumination light will only turn on when the trigger is pressed again and the

motor is running.

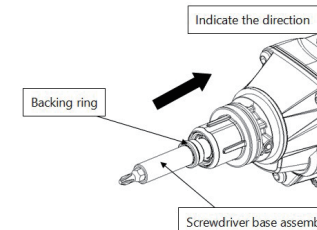
5. In Push start mode, if the trigger switch lock function is used to keep the trigger switch in the operational position without driving the tool, and if maintained for approximately 4 hours or when the battery voltage drops below 13.5V, the tool will shut off. The trigger switch must be released and the battery reinserted to restart.

INSTALL AND REMOVE BITS



Removing the BIT:

- Step 1: Pull up the (depth) adjustment shaft assembly along the disassembly direction.
- Step 2: Press down the backing ring in the indicated direction to remove the screwdriver base assembly for replacement.

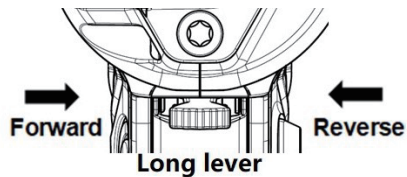


Installing the BIT:

Press down the backing ring in the indicated direction, and insert the screwdriver base assembly into the hexagonal hole in the indicated direction.

The Control Switch Button

When switching the long lever, you can switch between forward and reverse rotation. When the long lever is in the middle, it is in the trigger LOCK state. At this time, you cannot press the trigger switch and start the tool.



1. For **forward** (clockwise) rotation, push the control switch in the direction shown.
Check the direction of rotation before use.
2. For **reverse** (counterclockwise) rotation, push the direction shown.
Check the direction of rotation before use.
3. To **lock** the trigger, push the control switch to the center position. The trigger will not work when the control switch is in the locked position.
Always remove the battery pack before performing maintenance or changing accessories. Always lock the trigger or remove the battery pack before storing the tool and any time the tool is not in use.

■ Battery pack status :

Condition		LED Display
Overcurrent Protection	Automatically display the light number – four LED (10 flashes, Duty 2Hz)	
Overvoltage Protection	Automatically display the Light number – the first two LED (10 flashes, Duty 2Hz)	
Over Temperature Protection	Automatically display the light number – the last two LED (10 flashes, Duty 2Hz)	
Under Temperature Protection		
Single Cell abnormality	Automatically display the light number – the third and fourth LED (Duty 2Hz, interactive flashing)	
Fuse Blow Out	Automatically display the light number – the first and last LED(10 flashes, Duty 2Hz)	
Short Current	Automatically display the light number – the first and third LED(10 flashes, Duty 2Hz)	
Under Discharge Voltage (Cell Voltage<2.6V)	Automatically display the light number – the second and fourth LED (10 flashes, Duty 2Hz)	
Deep Cell Voltage Permanent Failure (Cell Voltage<1.3V)	Automatically display the light number – The first and second LED (Duty 2Hz, interactive flashing)	

Battery specification & safety

EB18025-B1	
Rated Voltage	18V
Rated Capacity	2.5Ah
Cell type	Li-ion
Dimension	L x W x H 119x76x44 (mm)

EB18050-B1	
Rated Voltage	18V
Rated Capacity	5Ah
Cell type	Li-ion
Dimension	L x W x H 119x76x63 (mm)

- Do not throw the battery into fire, nor heat the battery.
- Do not disassemble nor modify the battery Pack.
- Do not leave the battery in a place of high temperature.(60°C or more)
- To prevent the battery from water or moisture.
- Do not add strong shock, nor drop the battery.
- Do not solder lead directly to the battery body.
- Do not heat nor solder the terminals of the battery.
- Do not short “+”and “-”terminal of the battery with a kind of metal.
- Do not charge beyond the condition which described on the delivery specification.
- Do not reverse-charge or reverse-connect the battery.
- When recharging, use the battery charger specifically for that EC1800-B2.
- We suggest that the voltage of battery should not be lower than end voltage/cell when working and storing, or it may cause unrecoverable decay in its capacity.
- If the battery is stored over 3 months, it should be checked again about the remaining capacity and charge the battery.

Remarks: Please refer to the technical data sheet for the battery specifications.

CHARGER SPECIFICATION & STATUS

■ Battery Charger Specification

Battery Charger Specification	
Charger	EC1800-B2
Battery mode	EB18025-B1
	EB18050-B1
Output voltage	10~20.7±0.2V
Protection class	Electrical protection class II
AC supply voltage	100VAC~240VAC
Mains frequency	50Hz~60Hz
Operating Temperature	-10°C to 40°C
Storage Temperature	-40°C to 75°C

State of Charge indicator			
	State	Red LED	Green LED
1	Stand-by Mode	OFF	ON
2	Battery Pack Install And Charging	ON	OFF
3	Charging complete	OFF	ON
4	Temperature Error Protection	Red and Green LED flashes at the same time (Duty 1Hz)	
5	Over Charge Time	Red and Green LED flashes at the same time (Duty 1Hz)	
6	Abnormal Protection	Red and Green LED flashes alternately (Duty 1Hz)	
7	95% Full Charge	OFF	Green LED flashes (Duty 1Hz)

Battery charger safety

- **Keep work area clean and well lit.**
Cluttered and dark areas invite accidents.
- **Do not operate the appliance in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**
Chargers can cause sparks which may ignite dust or fumes.
- **Keep children and other persons away from the area while the charger is in use.**
- **The supply cord plug must match the outlet. Modification of the plug in any way is not permissible.** Unmodified plugs and corresponding power outlets 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 abuse the supply cord. Never use the supply cord to carry, pull or unplug the appliance. Keep the cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **Only use the battery charger in areas which are dry.** Water entering an electric appliance increases the risk of electric shock.
- **Use the charger only to charge the BASSO batteries approved for use with this charger.**
- **Do not use a charger if its casing or electric supply cord is defective.**
- **Store chargers out of reach of children when not in use. Do not allow persons unfamiliar with the appliance or these instructions to operate it.** Chargers are dangerous in the hands of untrained users.
- **Maintain the appliance carefully. Check to ensure that no parts are broken or damaged in such a way that the appliance can no longer function correctly. If damaged, have the appliance repaired before use.**
- **Use chargers and the corresponding batteries in accordance with these instructions and as is specified for this particular model.** Use of chargers for applications different from those intended could result in hazardous situations.
- **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.
- **When not in use, keep the battery and the charger away from paper clips, coins, keys, nails, screws or other small metal objects that could cause a short circuit at the battery terminals or the charging contacts.** A short circuit at the battery terminals or charging contacts could result in personal injury (burns) or fire.
- **Under abusive conditions, liquid may be ejected from the battery, avoid contact with the liquid. If contact accidentally occurs, flush with water. If the liquid comes into contact with the eyes also consult a doctor.** Liquids ejected from the battery may cause irritation or burns.
- **Take care to ensure that the charger is standing in a steady, secure position.**
A falling battery or charger may present a risk of injury to yourself or others.
- **Avoid touching the contacts.**
- **Batteries that have reached the end of their life must be disposed of safely and correctly to avoid environmental pollution.**
- **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 super-vision or instruction concerning use of the appliance by a person responsible for their safety.**
- **Children must be instructed not to play with the appliance.**
- **Take care to ensure that the batteries suffer no mechanical damage**
- **Do not charge or continue to use damaged batteries (e.g. batteries with cracks, broken parts, bent or pushed-in and/or pulled-out contacts).**

-  **Do not touch the supply cord or extension cord if they are damaged while working. Disconnect the supply cord plug from the power outlet.** Damaged supply cords or extension cords present a risk of electric shock.
- **Never operate the appliance when it is dirty or wet.** Under unfavorable conditions, dampness or dust adhering to the surface of the appliance, especially dust from conductive materials, may present a risk of electric shock. Dirty or dusty appliances should thus be checked at a service center at regular intervals, especially if used frequently for working on conductive materials.

Maintenance

▲ WARNING: To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger or tool before performing any maintenance. Never disassemble the tool, battery pack or charger. Contact a Service facility for ALL repairs.

Maintaining Tool

- Keep your tool, battery pack and charger in good repair by adopting a regular maintenance program. Inspect your tool for issues such as undue noise, misalignment or binding of moving parts, breakage of parts, or any other condition that may affect the tool operation. Return the tool, battery pack, and charger to a Service facility for repair.
- If the tool does not start or operate at full power with a fully charged battery pack, clean the contacts on the battery pack. If the tool still does not work properly return the tool, charger and battery pack, to a Service facility for repairs.

▲ WARNING: To reduce the risk of personal injury and damage, never immerse your tool, battery pack or charger in liquid or allow a liquid to flow inside them.

Cleaning

- Clean dust and debris from vents. Keep handles clean, dry and free of oil or grease.
- Use only mild soap and a damp cloth to clean, since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia.
- Never use flammable or combustible solvents around tools.

Repairs

For repairs, return the tool, battery pack and charger to the nearest service center.

Troubleshooting

Symptom	Occurred abnormal	Troubleshooting
flash once	■ Battery high voltage. ■ Battery low voltage.	■ Please replace the battery before restarting the tool. ■ Contact Service if the problem persists.
flash 2 times	■ Tool battery temperature protection. ■ Tool motor temperature protection. ■ Tool MOSFET temperature.	■ Replace the battery, or leave the tool for a few minutes before starting it again. ■ Contact Service if the problem persists.
flash 3 times	■ All Hall are high voltage. ■ All Hall are low voltage.	■ Please replace the battery or reconnect the battery before restarting the tool. ■ Contact Service if the problem persists.
flash 4 times	■ The driver current is too high. ■ Tool stalled	■ Please replace the battery or reconnect the battery before restarting the tool. ■ Contact Service if the problem persists.
flash 5 times	■ EEPROM abnormal.	■ Please replace the battery or reconnect the battery before restarting the tool. ■ Contact Service if the problem persists.
The lights are all out, and won't come on either.	■ Abnormal battery type.	■ Please replace the battery or reconnect the battery before restarting the tool. ■ Contact Service if the problem persists.
For failure other than above situation, please stop using the tool and contact your local dealer for service.		

Tel:+886-4-2359-8877

Address:No. 24, 36th Road, Taichung Industrial Park
Taichung, Taiwan

符號說明

佩戴護目鏡	警告	使用前閱讀說明	佩戴聽力保護裝置
			
直流電	額定每分鐘轉速 (RPM)	伏特	
D.C.	n XXXX min ⁻¹	V	

型號	DSD006D	DSD011D
聲壓等級	73.8分貝(A)	74.3分貝(A)
聲功率等級	84.8分貝(A)	85.3分貝(A)
不確定性(K)	3分貝(A)	3分貝(A)
振動產生值(ah)	0.32m/S ²	0.16m/S ²
不確定性(K)	1.5m/S ²	1.5m/S ²

註：此處敘明之噪音排放值是依據標準測試方法測量得出，可用於相互比較工具。

註：此處敘明之噪音排放值亦可用於初步評估噪音暴露量。

- ▲ 警告：請佩戴聽力保護裝置。
- ▲ 警告：實際使用電動工具時的噪音排放值可能會因工具的使用方式，尤其是工件類型而與聲明值有所不同。
- ▲ 警告：確保根據實際使用條件 (包括工具關閉時、空轉時以及觸發時的所有操作循環部分) 估算暴露情況，制定保護操作員的安全措施。

聯邦通訊委員會 (FCC)

本設備符合聯邦通訊委員會 (FCC) 規則第 15 部分。操作必須符合以下兩個條件：

- (1) 本設備不會造成有害干擾訊號，並且
- (2) 本設備必須接受任何接收到的干擾，包括可能導致操作不正常的干擾訊號。

目錄

一般電動工具安全警告 17

自攻牙起子機使用安全規則 18

規格 18

組裝與說明 19

操作 19

電池規格與安全使用事項 21

電池充電器安全使用事項 23

維護保養 24

故障排除 25

一般電動工具安全警告

▲警告：請閱讀所有的安全警告、使用說明、圖片和規格。未遵守以下所有的使用說明可能導致觸電、引發火災或造成嚴重受傷。請保留所有的警告和使用說明以供日後參考。

在警告中，「電動工具」指的是您的插電式電動工具或電池式電動工具。

在進行緊固件可能接觸到隱藏的電線或自身電線的操作時，請握住絕緣的握把表面來使用電動工具。緊固件接觸到「帶電」的電線可能會使電動工具的裸露金屬部分「通電」，並可能會使操作人員觸電。

一般電動工具安全警告-工作區安全

- a) 請保持工作區乾淨且明亮，因雜亂或黑暗的區域容易發生意外。
- b) 勿在爆炸性環境中操作電動工具，例如存有易燃液體、氣體或粉塵的地方。電動工具會產生火花，可能引燃粉塵或煙霧。
- c) 在操作電動工具時，請保持兒童和旁觀者遠離。分心可能導致失控。

一般電動工具安全警告-用電安全

- a) 切勿以任何方式修改插頭。需接地的電動工具不能使用任何轉接插頭。未經修改的插頭和匹配的插座能降低電擊危險。
- b) 避免身體與接地的表面(如管道、散熱器、爐具和冰箱)接觸。如果身體接地，會增加電擊危險。
- c) 不要將電動工具暴露於雨水或潮濕環境中。若有水進入電動工具會增加電擊危險。
- d) 不得濫用電線。切勿使用電線進行搬運、拉扯或拔出電動工具。電線應遠離熱源、油、鋒利邊緣或活動零件。損壞或纏繞的電線會增加電擊危險。
- e) 在戶外操作電動工具時，請使用適合戶外使用的延長線。使用戶外專用的電線可以降低觸電的風險。
- f) 若無法避免在潮濕的地方操作電動工具，請使用漏電保護裝置(GFCI)。使用GFCI可降低觸電的風險。

一般電動工具安全警告：人身安全

- a) 在操作電動工具時，請保持警覺，依據常識判斷當下作業需求和環境。不要在疲倦或受藥物、酒精或藥品影響時使用電動工具。在操作電動工具時，瞬間的疏忽可能導致嚴重人身傷害。

- b) 使用個人防護設備。始終佩戴護目鏡。在適當條件下佩戴防塵口罩、穿上防滑安全鞋、戴安全帽或聽力保護裝備等防護設備，可以有效減少人身傷害。
- c) 防止工具意外啟動。在連接電池、拿起工具，搬運工具前，請確保開關處於關閉狀態。搬運電動工具時手指放在開關上或開關處於通電狀態時容易引發事故。
- d) 在電動工具接通之前，取下所有定位鍵或扳手。遺留在電動工具旋轉零件上的扳手或定位鍵有可能會導致人身傷害。
- e) 避免伸手去拿取工具。時刻注意立足點和身體平衡。以確保在意外情況下能妥善控制電動工具。
- f) 著裝適當。不要穿著寬鬆衣物或佩戴飾品。請將頭髮、衣物和手套遠離活動零件。寬鬆衣物、飾品或長髮可能會捲入活動零件當中。
- g) 如果提供了與排屑、集塵設備連接用的裝置，要確保他們連接完好且使用得當。使用集塵設備可減少因塵屑引起的危險。
- h) 切勿因頻繁使用本工具而自認熟練導致您大意輕忽工具的安全原則。一時的疏忽隨即會造成人身重傷。

一般電動工具安全警告-電動工具使用和注意事項

- a) 使用電動工具時請勿用蠻力。根據用途使用適當的電動工具。選擇具有適當設計額定值的電動工具使您工作更有效率、更安全。
- b) 如果電動工具的開關無法接通或關閉，請勿使用該工具。任何無法透過開關控制的電動工具都是危險的，且必須進行修理。
- c) 在進行任何調整、更換配件或貯存電動工具之前，請先將插頭從電源上拔掉，或將電池從電動工具上取下。這些預防性安全措施能降低意外啟動電動工具的危險。
- d) 閒置的電動工具貯存在兒童無法拿到的地方，並且不要讓不熟悉該電動工具或對這些說明不了解的人操作它。讓未經訓練的使用者操作電動工具是相當危險的。
- e) 保養電動工具。檢查活動零件是否對準或卡住，零件是否損壞，以及其他可能影響電動工具運轉的情況。如果發現損壞，請在使用前進行修理。許多事故都是由於電動工具維護不善所造成的。
- f) 保持切削刀鋒利和清潔。保養良好的有鋒利切削刀的刀具不易被卡住而且容易控制。
- g) 按照使用說明書，考慮作業條件和進行的作業來使用電動工具、配件和工具的刀頭等。將電動工具用於那些與其用途不符的操作可能會導致危險。
- h) 把手及握持區應保持乾燥、潔淨，且不得沾染任何油液或油脂。易滑脫的把手及握持區將無法讓您在發生意外狀況時安全地抓緊並控制工具。

一般電動工具安全警告-電池式工具使用和注意事項

- a) 僅使用原廠指定的充電器充電。將適用於某種電池組的充電器用到其他電池組時會引發火災風險。
- b) 只有在配有專用電池組的情況下才使用電動工具。使用其他電池組可能會發生損壞和火災風險。
- c) 當電池組未使用時，請將其遠離其他金屬物品，如迴紋針、硬幣、鑰匙、釘子、螺絲或其他小型金屬物品，以防一端與另一端連接。電池端部短路會引起燃燒或火災。
- d) 在不當的使用情況下，電池可能會釋放液體，請避免接觸之。如不慎接觸，請用清水沖洗。如液體接觸眼睛，請立即就醫。電池釋放的液體可能會引起刺激或灼傷。
- e) 請勿使用損壞或改裝過的電池組或工具。損壞或改裝過的電池可能會出現無法預期的反應，導致火災、爆炸或人身受傷風險。
- f) 請勿將電池組或工具暴露於火源或高溫環境中。暴露於火源或高於130°C的溫度可能會導致爆炸。
- g) 請遵循所有充電指示，並切勿在說明書指定的溫度範圍外對電池組或工具進行充電。不當充電或在超出指定溫度範圍內充電，可能會損壞電池並增加火災風險。

一般電動工具安全警告-維修

- a) 請由合格的維修人員使用相同的替換零件來維修您的電動工具。這將確保所維修的電動工具的安全性。
- b) 請勿自行維修損壞的電池組。電池組的維修應僅由原廠或授權服務商來進行維修。

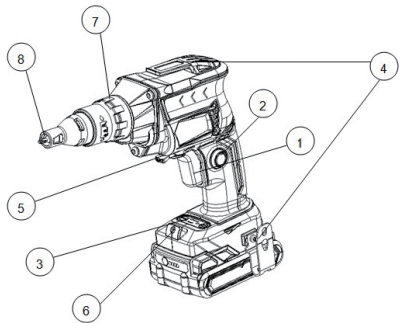
自攻牙起子機使用安全規則

- 在進行緊固件可能接觸到隱藏的電線的操作時，請握住絕緣的握把表面來使用電動工具。緊固件接觸到「帶電」的電線可能會使電動工具的裸露金屬部分「通電」，並可能會使操作人員觸電。
- 在使用工具時，請確保您已站穩腳步；在高處使用工具時，請確保下方沒有其他人。
- 請務必牢牢握住工具。
- 請勿將手靠近旋轉中的零件。
- 操作後請勿立即觸摸鑽頭或工件，以免遭高溫部件灼傷。

規格

型號		DSD006D	DSD011D
能力	乾牆螺絲	6mm	6mm
	自攻螺絲	5mm	5mm
螺絲適用長度		55mm	55mm
空載轉速 (每分鐘轉速)		0~5000 轉/分	0~2500 轉/分 0~1600 轉/分
伏特		18V直流電	
長度		267mm	
工具重量		1.56kg	1.59kg
電池類型		EB18025-B1 EB18050-B1	
充電器類型		EC1800-B2	

功能描述



1	扳機	5	正反轉切換撥桿
2	鎖定按鈕	6	LED燈
3	模式指示燈	7	定位器
4	掛鉤	8	起子頭

組裝與說明

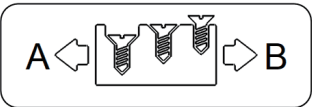
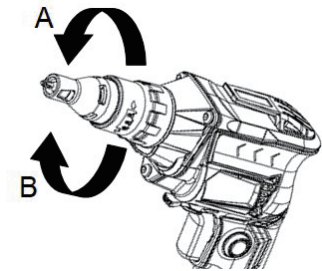
- ▲僅使用指定的充電器對電池進行充電。具體充電指示，請閱讀充電器和電池的使用手冊。
- 移除/插入電池
 - ▲如要移除電池，請按下解除鈕，再將電池組移除。如要安裝電池，將電池包插入工具。請確保電池已安置完畢。
 - ▲如要更換或移除配件，請先移除電池組。
 - 請僅使用適用此工具的配件，使用其他不相容之配件有危險之虞。

安裝和移除配件

在插入或拆卸鑽頭前，請務必先取出電池。選擇適合的鑽頭款式和尺寸。

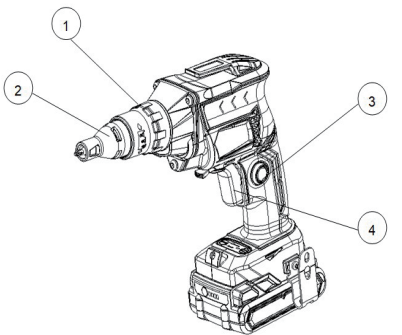
- 要打開夾頭時，請逆時針旋轉套筒接頭。使用鑽頭時，將鑽頭推到夾頭底部。使用螺絲槍鑽頭時，將鑽頭插到底，以便夾頭夾住頭部的六角部分。
- 要關閉夾頭時，請順時針旋轉套筒接頭。當夾頭發出齒輪聲並且套筒接頭無法再旋轉時，代表鑽頭已安全固定。
- 要拆下鑽頭時，請逆時針旋轉套筒接頭。

零件功能描述



調整軸組件固定在齒輪箱上，可透過旋轉進行調整。
調整螺絲槍底座以鎖定螺絲深度。
往A方向增加鎖定深度，往B方向減少鎖定深度。

操作

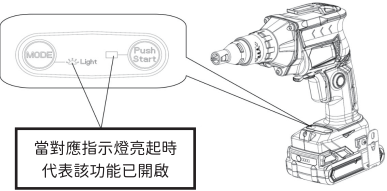


- 調整軸組件固定在齒輪箱上，透過旋轉調整軸來調整螺絲深度。
- 調整軸組合可快速拆卸，並配備了鑽頭快拆結構，以便快速更換。
- 如需連續操作時，按住扳機開關，並按下鎖定按鈕，然後放開扳機。如需解除鎖定，扳機開關按到底，然後放開。
- 啟動工具，只需按壓扳機開關。增加對扳機開關的壓力可加快速度。放掉扳機開關即可停止動作。

注意：

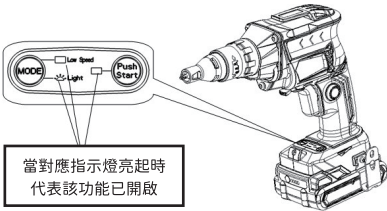
- 按下扳機開關會啟動馬達，切記必須按下螺絲槍底座組件才能旋轉，否則前方的螺絲槍底座組件不會在未施加壓力時被啟動。
- 如果馬達持續運行約6分鐘，工具會自動停止運作。

控制面板功能



DSD006D 操作面板包括：

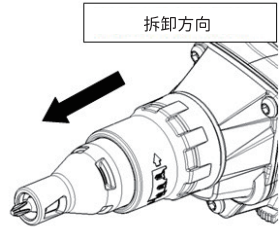
1. Push start功能：在此模式下，只按下扳機開關不會啟動馬達。只有在按下扳機開關且將螺絲槍底座向下推動至一定距離時，馬達才會啟動，螺絲才會被鎖或被鬆開。
2. 當工具/電池發生故障時，指示燈會一起閃爍以警示使用者。
3. LED 照明可以透過短按 MODE 按鈕來切換開/關。當通過短按 MODE 按鈕啟動 LED 照明功能時，請注意，只有當再次按下扳機並且馬達正在運行時，LED 照明燈才會亮起。
4. 在 Push Start 模式下，如果使用扳機開關鎖定功能讓扳機開關保持在運作位置而不啟動工具，此狀態持續4小時或電池電壓降至13.5V以下，工具將自動關閉。必須鬆開扳機開關並重新插入電池才能重新啟動。



DSD011D 操作面板包括：

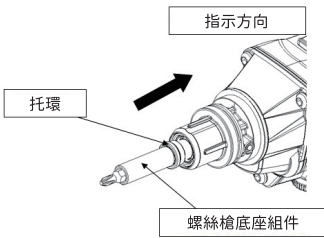
1. 長按 MODE 按鈕 3 秒以切換速度 - 2500 / 1600 RPM (低速燈亮)。
2. Push start功能：在此模式下，只按下扳機開關不會啟動馬達。只有在按下扳機開關且將螺絲槍底座向下推動至一定距離時，馬達才會啟動，螺絲才會被鎖或被鬆開。
3. 當工具/電池發生故障時，指示燈會一起閃爍以警示使用者。
4. LED 照明可以透過短按 MODE 按鈕來切換開/關。當通過短按 MODE 按鈕啟動 LED 照明功能時，請注意，只有當再次按下扳機並且馬達正在運行時，LED 照明燈才會亮起。
5. 在 Push 模式啟動下，如果使用扳機開關鎖定功能讓扳機開關保持在運作位置而不啟動工具，此狀態持續4小時或電池電壓降至13.5V以下，工具將自動關閉。必須釋放扳機開關並重新插入電池才能重新啟動。

安裝和移除鑽頭



移除鑽頭：

- 步驟1：沿著拆卸方向拔出調整軸組件。
- 步驟2：按下指示方向的托環，以更換螺絲槍底座組件。

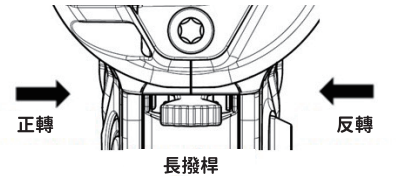


安裝鑽頭：

按下托環，按照指示方向將螺絲槍底座組件插入六角孔。

控制開關按鈕

撥桿可以在順時針和逆時針兩種方向間切換。撥桿置中時，處於扳機鎖定狀態。此時，無法按下扳機開關啟動工具。



正反轉切換 撥桿

1. 若要**正轉**（順時針）旋轉，請將控制開關推向所示方向。**使用前請檢查旋轉方向。**
2. 若要**反轉**（逆時針）旋轉，請將控制開關推向所示方向。**使用前請檢查旋轉方向。**
3. 若要**鎖定**扳機，將控制開關推到置中。當控制開關處於鎖定位置時，扳機將無法使用。**需保養或更換配件之前，務必請先取下電池組；閒置或不使用時，請務必鎖定扳機或取下電池組。**

電池規格與安全使用事項

EB18025-B1	
額定電壓	18V
額定容量	2.5Ah
電池類型	鋰電池
尺寸	長 x 寬 x 高 119x76x44 (mm)

EB18050-B1	
額定電壓	18V
額定容量	5Ah
電池類型	鋰電池
尺寸	長 x 寬 x 高 119x76x63 (mm)

■ 電池組狀態：

狀態		LED 顯示
過電流保護	顯示燈狀態：四顆LED全亮 (閃爍10次，頻率2Hz)	
過電壓保護	顯示燈狀態：前兩顆LED亮起 (閃爍10次，頻率2Hz)	
過熱保護	顯示燈狀態：後兩顆LED亮起 (閃爍10次，頻率2Hz)	
過冷保護		
單一電芯異常	顯示燈狀態：第三、第四顆LED亮起 (頻率2Hz，交互閃爍)	
保險絲熔斷	顯示燈狀態：第一、最後一顆LED亮起 (閃爍10次，頻率2Hz)	
短路	顯示燈狀態：第一、第三顆LED亮起 (閃爍10次，頻率2Hz)	
低於放電電壓 (電池電壓<2.6V)	顯示燈狀態：第二、第四顆LED亮起 (閃爍10次，頻率2Hz)	
深層電池電壓永久故障 (電池電壓<1.3V)	顯示燈狀態：第一、第二顆LED亮起 (頻率2Hz，交互閃爍)	

- 請勿將電池燒掉，也不要將電池拿去加熱。
- 請勿拆卸或重組電池組。
- 請勿將電池放在高溫的地方 (60°C或以上)。
- 請勿讓電池受潮或碰水。
- 請勿讓電池受到大力撞擊，也不要讓電池落地。
- 請勿直接將鉛焊接到電池本體。
- 請勿加熱或焊接電池的端子。
- 請勿使電池正、負端子短路。
- 請遵守運送規則上所述的條件。
- 請勿反向充電或逆向連接電池。
- 充電時，請用EC1800-B2專用電池充電器。
- 在使用和儲存時，電池的電壓不建議低於終止電壓或低於電池的電壓，否則可能會導致電池容量無法恢復到原始狀態。
- 如果電池放置時間超過3個月，應再次檢查剩餘容量並為電池充電。

備註：請參閱電池規格說明書。

充電狀態指標			
	狀態	LED紅燈	LED綠燈
1	電源處於可用之待機模式	關閉	開啟
2	電池組安裝和充電	開啟	關閉
3	充電完成	關閉	開啟
4	溫度錯誤保護	LED紅、綠燈同時閃爍 (頻率1Hz)	
5	充電時間過長	LED紅、綠燈同時閃爍 (頻率1Hz)	
6	異常保護	LED紅、綠燈交互閃爍 (頻率1Hz)	
7	95%充電完成	關閉	LED綠燈閃爍 (頻率1Hz)

電池充電器規格和狀態

- 電池充電器規格

電池充電器規格	
充電器	EC1800-B2
電池模式	EB18025-B1
	EB18050-B1
輸出電壓	10~20.7±0.2V
保護等級	觸電防止保護等級II
交流供電電壓	100VAC~240VAC
主要頻率	50Hz~60Hz
作業溫度	-10°C 至 40°C
儲存溫度	-40°C 至 75°C

電池充電器安全使用事項

- 請保持工作區乾淨且明亮。雜亂或黑暗的區域容易發生意外。
- 請勿在易爆炸環境中充電，例如存有易燃液體、氣體或粉塵的環境。充電過程會產生火花，可能引燃粉塵或煙霧。
- 充電時，請讓兒童和人群遠離充電區域。
- 電源線插頭需與插座相匹配。請勿使用以任何方式改造插頭。相應的插頭和插座可降低觸電風險。
- 避免身體與接地的表面(如管道、散熱器、爐具和冰箱)接觸。如果身體接地，會增加電擊危險。
- 不得以錯誤方式使用電源線。切勿使用電源線進行搬運、拉扯或拔出電動工具。電源線應遠離熱源、油、鋒利邊緣或活動部件。損壞或纏繞的電線會增加觸電危險。
- 請只在乾燥的地方進行充電。電器受潮會增加觸電風險。
- 僅使用原廠出品對應的充電器為對應的電池充電。
- 請勿使用缺陷損壞的充電器或電源線。
- 充電器未使用時，請放置於兒童拿不到的地方。請勿讓不熟悉此設備或本說明書的人操作，以免發生危險。
- 請小心維護保養此產品。檢查確保沒有任何零件損壞或損毀以至於無法正常運轉。如果有損壞，請在使用前送修完畢。
- 請依照本說明使用充電器和相應電池，並且符合此型號之規定。以免使用不相容的充電器導致發生危險。
- 僅使用原廠指定的充電器進行充電。適用於一種電池組的充電器，若用於其他電池組，可能會引發火災風險。
- 不使用時，請將電池和充電器遠離迴紋針、硬幣、鑰匙、釘子、螺絲或其他可能導致電池端子或充電接觸點短路的小金屬物體。電池端子或充電接觸點的短路可能導致人身傷害(燒傷)或引起火災。
- 在不當使用情況下，電池可能會釋放液體；請避免接觸。如不慎接觸，請用水沖洗。如液體接觸眼睛，請立即就醫。電池釋放的液體可能會引起刺激或灼傷。
- 請確保充電器放在定、安全的位置。不當擺放電池或充電器造成掉落可能會對您或他人造成傷害。
- 避免觸碰接點。
- 為避免環境污染，請務必妥善地處理廢電池。

- 身體、感官或心智能力受限、缺乏經驗和知識的人(包括兒童)不適合用本產品，除非他們在監督或指導之狀況下使用之。
- 請教育兒童不應隨意把玩此產品。
- 請小心確保電池不受機械損傷。
-  請勿充電或繼續使用損壞的電池(例如有裂痕、破損、彎曲或壓入或拉出接點的電池)。
- 在工作時，如果電源線或延長線損壞，請勿觸碰。請將電源線插頭拔掉。損壞的電源線或延長線可能會使您觸電。
- 請勿在使用髒污或受潮設備。在不當情況下，附著在設備表面上的水氣或灰塵，尤其是導電材料上的灰塵，可能會造成觸電風險。因此，有髒污或灰塵之設備應定期送去售服中心進行檢查，尤其是在頻繁使用導電材料之設備。

維護保養

▲警告：爲了降低傷害風險，在進行任何維護保養工作前，請務必拔掉充電器插頭並將充電器或工具的電池組取出。請勿拆解工具、電池組或充電器。
聯絡售服中心進行所有維修。

維護工具

- 定期維護設備，確保工具、電池組和充電器的狀態良好。檢查工具是否有異常噪音、零件對不準、活動部件卡住、零件損壞或任何其他可能影響工具運作的情況。如有問題，將工具、電池組和充電器送回售服中心維修。
 - 如果工具無法啟動或在使用完全充電的電池組時無法達到全功率，請清潔電池組上的接觸點。如果工具仍然無法正常運作，請將工具、充電器和電池組送回售服中心。
- ▲警告：爲了降低傷害和損壞率，請勿讓工具、電池組或充電器泡水或受潮。

清潔

- 清潔通風孔上的灰塵和碎屑。保持手柄乾淨、乾燥，並且無油或油脂。
- 僅使用溫和的肥皂和濕布來清潔，因爲某些清潔劑和溶劑對塑料和其他絕緣零件有害。例如汽油、松節油、稀漆劑、油漆稀釋劑、含氯清潔劑、氨水以及含氮的家用清潔劑。
- 切勿在工具周圍使用易燃或可燃的溶劑。

維修

如需維修，請將工具、電池組、充電器送至最近的售服中心。

故障排除

異常提示	發生異常	故障排除
閃爍一次	■ 電池電壓過高 ■ 電池電壓過低	■ 請更換電池後再重新啟動工具。 ■ 若問題仍然存在，請聯繫售服中心。
閃爍兩次	■ 工具電池溫度保護 ■ 工具馬達溫度保護 ■ 工具MOSFET溫度保護	■ 更換電池，或等待幾分鐘後再將工具重啟。 ■ 若問題仍然存在，請聯繫售服中心。
閃爍三次	■ 所有霍爾電壓均過高 ■ 所有霍爾電壓均過低	■ 請更換電池或重新連接電池，再重新啟動工具。 ■ 若問題仍然存在，請聯繫售服中心。
閃爍四次	■ 驅動器電流過高 ■ 工具停止運作	■ 請更換電池或重新連接電池，再重新啟動工具。 ■ 若問題仍然存在，請聯繫售服中心。
閃爍五次	■ EEPROM異常	■ 請更換電池或重新連接電池，再重新啟動工具。 ■ 若問題仍然存在，請聯繫售服中心。
所有的燈都熄滅，也不再正常亮起。	■ 電池種類異常	■ 請更換電池或重新連接電池，再重新啟動工具。 ■ 若問題仍然存在，請聯繫售服中心。
若出現上述情況以外的故障，請立即停止使用工具並聯繫當地經銷商尋求服務。		

電話:+886-4-2359-8877
地址:臺中市西屯區工業區36路24號