

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

BEX®

USER MANUAL

使用說明書

CORDLESS MINI STUBBY RATCHET WRENCH

鋰電棘輪扳手



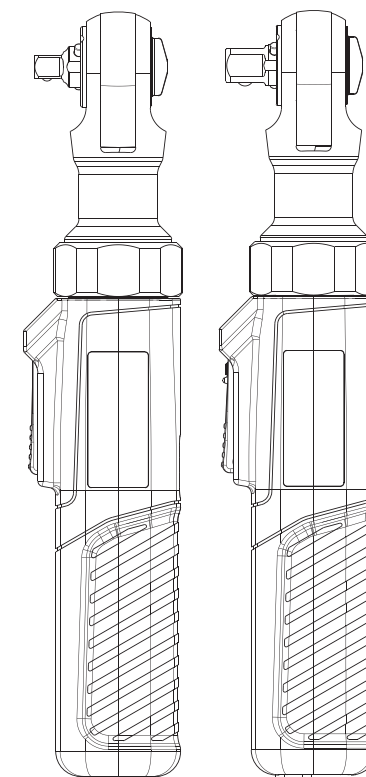
IMPROPER AND UNSAFE USE OF THIS TOOL WILL RESULT IN DEATH OR SERIOUS INJURY. IT IS VERY IMPORTANT THAT THE INTENDED OPERATOR OF THIS TOOL READS AND UNDERSTANDS THIS MANUAL BEFORE OPERATING THIS TOOL. KEEP THIS MANUAL AVAILABLE FOR OTHERS BEFORE THEY USE THE TOOL.



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。



RW001K
RW101K

符號說明

配戴護目鏡	警告	使用前閱讀說明	配戴聽力防護具
			
直流電	額定每分鐘轉速 (RPM)	伏特	
D.C.	n XXXX min ⁻¹	V	

噪音 – RW001K | RW101K

根據 EN62841-2-2 標準測定的典型 A 加權噪音級：
聲壓級 (LpA)：72.4dB(A) | 76.6dB(A)
聲功率級 (LWA)：83.4dB(A) | 87.6dB(A)
不確定性的測量(K)：3dB(A) | 3dB(A)

注意：所聲明的噪音排放值是依據標準測試方法測得的，可用於比較不同工具之間的噪音水平。
注意：所聲明的噪音排放值亦可用於初步評估暴露情況。

型號	RW001K	RW101K
尺寸(含電池)	220mm	220mm
重量(含電池)	0.49kg	0.49kg
空載轉速 n0	320rpm	320rpm
扭力範圍	62Nm(46ft-lb)	62Nm(46ft-lb)

- ▲ 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可能會因工具的使用方式，尤其是加工的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。

振動 – RW001K | RW101K

根據 EN62841-2-2 標準測定的總振動值：
振動產生值 (ah)：5.68 m/s² | 3.97 m/s²
不確定性的測量(K)：1.50 m/s² | 1.50 m/s²

注意：所聲明的總振動值是依據標準測試方法測得的，可用於比較不同工具之間的振動水平。
注意：所聲明的總振動值亦可用於初步評估暴露情況。

- ▲ 警告：所聲明的總振動值是依據標準測試方法測得的，可用於比較不同工具之間的振動水平。
- ▲ 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。
操作循環的各個部分，包括工具關閉時、空轉時以及觸發時。

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。

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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、火災和/或嚴重受傷。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，請握住絕緣的握住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遭受電擊。

一般電動工具安全警告-工作場地安全

- a) 保持工作區域清潔且良好照明。雜亂或昏暗的區域容易引發事故。
- b) 不要在易爆環境中操作電動工具，如存在可燃液體、氣體或粉塵的地方。電動工具可能產生火花，點燃粉塵或煙霧。
- c) 操作電動工具時，請讓兒童和旁觀者遠離。分心可能讓您無法安全操作工具。

一般電動工具安全警告-用電安全

- a) 電動工具的插頭必須與插座匹配。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) 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電擊危險。
- f) 如果在潮濕環境下操作電動工具是無法避免的，請使用漏電保護裝置(GFCI)。使用 GFCI 可以降低電擊危險。

一般電動工具安全警告：人身安全

- a) 保持警覺，操作電動工具時，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。防護設備，諸如適當條件下使用如防塵口罩、防滑安全鞋、安全帽或聽力防護等裝置能減少人身傷害。
- c) 防止意外啟動。確保開關在連接電源、拿起或搬運工具時處於關閉位置。搬運電動工具時手指放在開關上或開關處於接通時容易引發事故。
- d) 在電動工具接通之前，取下所有定位鍵或板手。遺留在電動工具旋轉零件上的板手或定位鍵會導致人身傷害。
- e) 請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很好地控制電動工具。
- f) 著裝適當。不要穿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) 請勿因頻繁使用本工具而自認熟練導致疏忽工具的安全原則。一時的疏忽隨即會造成人身重傷。
- i) 使用電動工具時，請務必配戴護目鏡，以防眼睛受到傷害。護目鏡需符合美國ANSI Z87.1 標準、歐洲 EN 166標準或澳洲／紐西蘭AS/NZS 1336 標準。若於澳洲／紐西蘭地區，法定需配戴面罩以保護臉部。

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。任何無法通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、更換配件或存儲電動工具之前，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) 將閒置的電動工具存儲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。電動工具在未經訓練的使用者手中是危險的。
- e) 維護電動工具。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) 保持刀具鋒利和清潔。保養良好的有鋒利切削刃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) 手把及握把表面應保持乾燥、潔淨，且不得沾染任何油液或油脂。易滑脫的手把及握把表面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) 僅使用製造商指定的充電器充電。將適用於某種電池組的充電器用到其他電池組時會發生著火危險。
- 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著火危險。
- 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，請立即尋求醫療協助。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更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。電池組的維修應由製造商或授權服務商來進行維修。

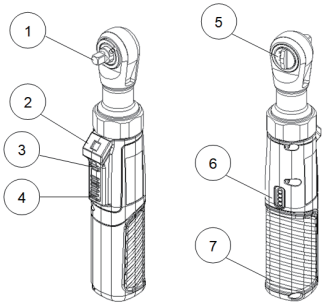
電動棘輪扳手的安全使用事項

使用工具時，務必運用常識並保持謹慎。無法預見所有可能導致危險結果的情況。如果您不理解這些操作說明或覺得工作超出您的能力範圍，請勿使用此工具；聯絡授權的服務供應商或受過專業訓練的人員尋求額外資訊和訓練。

規格

型號	RW001K	RW101K
方形驅動頭	1/4" (6.3mm)	3/8" (9.5mm)

功能描述



1	方形驅動頭
2	LED燈
3	鎖定開關
4	扳機
5	正/反轉開關桿
6	指示燈
7	握把

組裝與說明

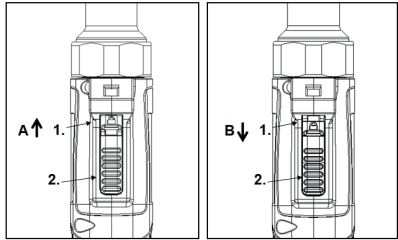
▲警告：為降低嚴重人身受傷風險，請在進行任何調整或拆卸/安裝配件時先將設備關閉。意外啟動可能會導致受傷。

配件安裝與拆卸

這些工具僅適用於與為棘輪（衝擊套筒）設計的配件配合使用。其他套筒可能會碎裂或損壞，造成傷害。

- a) 僅使用適配的方形驅動套筒。
- b) 安裝套筒或其他配件時，將配件對準驅動夾頭，然後將其牢固地推入工具中。
- c) 拆卸配件時，將配件從驅動頭上拉出。

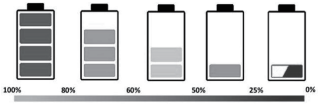
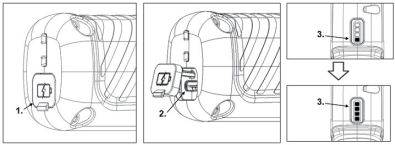
開關扳機



1. 鎖定開關 2. 扳機

- 當鎖定開關推至A方向時，扳機處於可按壓狀態，按下扳機將啟動工具。
- 當鎖定開關推至B方向時，扳機處於鎖定狀態，按下扳機將無法啟動工具。

工具充電



在充電工具之前，請首先打開充電端口的防塵蓋。將充電線的Type-C端插入USB連接器進行充電。此時，指示燈會根據電池電量閃爍。

當電池電量低時，僅有一個指示燈會閃爍。隨著電池電量的增加，點亮的指示燈數量也會增加。當所有指示燈亮起且不再閃爍時，表示工具已完成充電。

注意：電池出廠時已部分充電。為確保電池達到最佳性能，首次使用前請使用電源適配器將電池完全充滿。

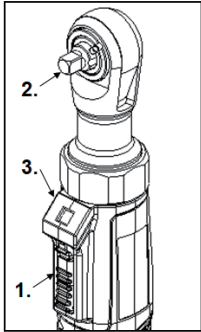
注意：適配器規格必須小於10W (5V/2.0A)。

- 鋰離子電池可以隨時充電而不會縮短其使用壽命。中斷充電過程不會損壞電池。
- 當電壓異常時，工具會停止馬達運行，電池指示燈會每秒閃爍一次。
- 使用Type-C充電線將電動工具連接到電源。
- 電池充電指示燈顯示充電進度。充電過程中，指示燈會閃爍。當電池完全充滿時，四個指示燈會全部點亮。
- 如果您不打算很快再次使用電動工具，請將其從電源中斷開。在充電過程中，電動工具無法使用；充電過程中無法工作的情況不表示工具有缺陷。請遵循正確的處理說明。

操作

▲為降低嚴重人身受傷風險，請在進行任何調整或拆卸/安裝配件時先將設備關閉。意外啟動可能會導致受傷。

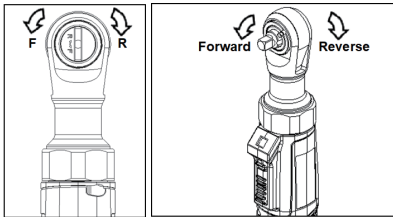
啟動工具



1.扳機 2.方形驅動頭 3.LED燈

- 按住扳機可旋轉方形驅動頭並同時啟動LED燈。
- 放開扳機後，方形驅動頭停止旋轉，LED燈會在10秒後熄滅。

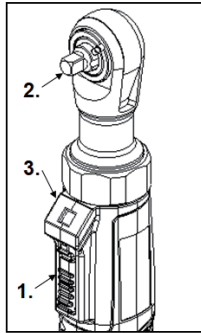
使用正/反轉開關桿



使用前請檢查旋轉方向。

- 將開關按鈕旋轉至F方向，按下扳機使方形驅動頭順時針旋轉。
- 將開關按鈕旋轉至R方向，按下扳機使方形驅動頭逆時針旋轉。

開啟LED燈



1.扳機 2.方形驅動頭 3.LED燈

- 連續快速按扳機兩次，即可單獨開啟LED燈，燈光將持續亮起3分鐘。3分鐘後，LED燈將自動熄滅。
- 在單獨開啟LED燈的狀態下，連續快速按扳機兩次，即可手動關閉LED燈。(在此操作過程中，夾頭短暫啟動是正常現象，並非工具故障。)

電池規格與安全使用事項

額定電壓	3.6V
額定容量	2Ah
電池種類	鋰離子

- 請勿拆解、打開或撕碎電池或電池組。
- 請勿將電池組暴露於高溫或火源中。避免直接陽光下存放。
- 請勿讓電池組受到機械撞擊。
- 在電池漏液的情況下，不要讓液體接觸皮膚或眼睛。如果接觸到了，大量的水清洗受影響的區域，並尋求醫療建議。
- 使用前需對電池進行充電。請務必參考此說明並遵循正確的充電程序。
- 不使用時請勿保持電池充電狀態。
- 長時間儲存後，可能需要對電池組進行數次充放電，以達到最佳性能。
- 丟棄電池組時，請將不同電化學系統的電池組分開處理。
- 保留原始產品說明書以備未來參考。
- 集成電池僅能由合格人員進行拆卸以進行處理。
- 打開外殼可能會損壞電動工具。在拆卸電池前，需將工具使用至電池完全放電。擰開外殼上的螺絲，拆下外殼以取出電池。
- 為防止短路，請逐一斷開電池上的連接器，然後隔離電池端子。即使完全放電，電池仍有剩餘電量，在短路情況下可能會釋放出來。

電池充電器安全使用事項

- 僅使用製造商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。
- 請勿使用損壞或改裝過的電池工具。
- 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、爆炸或人身傷害風險。
- 請勿將電池組或工具暴露於火源或過高溫度中。暴露於火源或高於130°C的溫度可能會導致爆炸。

維護保養

▲警告：為降低傷害風險，請在進行任何維護工作之前，始終拔掉充電器並從充電器或工具中取出電池組。切勿拆解工具、電池組或充電器。所有維修請聯繫服務中心處理。

維護工具

- 通過定期維護計劃保持工具、電池組和充電器的良好狀態。檢查工具是否有異常噪音、零件對不准、活動零件卡住、零件損壞或任何其他可能影響工具運作的情況。將工具、電池組和充電器送回經銷商的服務中心進行維修。
- 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經銷商的服務中心。

▲警告：為降低人身傷害和損壞風險，切勿將工具、電池組或充電器浸入液體中或讓液體流入其中。

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進行清潔，因為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、油漆稀釋劑、油漆稀釋劑、氯化清潔劑、氨水以及含氨的家用清潔劑。
- 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、電池組和充電器送至最近的服務中心。





故障排除

當保護功能啟動時，工具的指示燈會閃爍以發出提示，詳細訊息如下表所示：

異常提示	發生異常	故障排除
持續閃爍一次。	<ul style="list-style-type: none">■ 電壓過低。	<ul style="list-style-type: none">■ 停止操作工件，然後按下扳機。■ 若問題仍然存在，請聯繫服務中心。
持續閃爍兩次。	<ul style="list-style-type: none">■ 工具MOSFET溫度保護。■ 工具電池溫度保護。■ 工具馬達溫度保護。	<ul style="list-style-type: none">■ 停止操作工件，等待溫度恢復至正常操作範圍，然後按下扳機。■ 若問題仍然存在，請聯繫服務中心。
持續閃爍三次。	<ul style="list-style-type: none">■ 扳機開關異常。■ 正負端子電源線斷路。■ 過電流保護。	<ul style="list-style-type: none">■ 停止操作工件，然後按下扳機。■ 若問題仍然存在，請聯繫服務中心。
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

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	

Noise – RW001K | RW101K

The typical A-weighted noise level determined according to EN62841-2-2:
 Sound pressure level (LpA):72.4dB(A) | 76.6dB(A)
 Sound power level (LWA):83.4dB(A) | 87.6dB(A)
 Uncertainty (K):3dB(A) | 3dB(A)

Mode No	RW001K	RW101K
Dimension (L) with battery	220mm	220mm
Weight with battery	0.49kg	0.49kg
No Load RPM n0	320rpm	320rpm
Torque Range	46ft-lb	46ft-lb

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).

Vibration – RW001K | RW101K

The vibration total value determined according to EN62841-2-2:
 Vibration emission (ah) : 5.68 m/s² | 3.97 m/s²
 Uncertainty (K) : 1.50 m/s² | 1.50 m/s²

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

▲ WARNING : The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

▲ WARNING : Be sure to identify safety measure 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.

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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.
- i) **Always wear protective goggles to protect your eyes from injury when using power tools. The goggles must comply with ANSI Z87.1 in the USA, EN 166 in Europe, or AS/NZS 1336 in Australia/New Zealand. In Australia/New Zealand, it is legally required to wear a face shield to protect your face, too.**

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

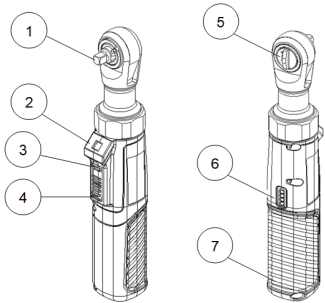
- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

Specific safety rules for Ratchet wrenches

- **Always use common sense and be cautious when using tools.** It is not possible to anticipate every situation that could result in a dangerous outcome. Do not use this tool if you do not understand these operating instructions or you feel the work is beyond your capability; contact authorized service providers or a trained professional for additional information or training.

Specification

Model No	RW001K	RW101K
Square drive anvil	1/4" (6.3mm)	3/8" (9.5mm)



1	Square drive anvil
2	LED Light
3	LOCK switch
4	Trigger
5	Forward/Reverse lever
6	Indicator Light
7	Handle

Assembly and instruction

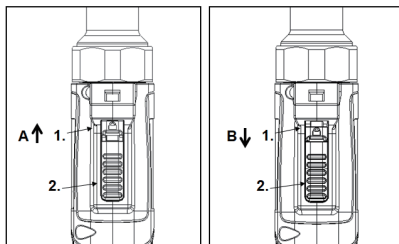
▲ WARNING : To reduce the risk of serious personal injury, turn unit off before making any adjustments or removing / installing attachments or accessories. An accidental start-up can cause injury

■ **Attaching and Removing Accessories**

These tools are intended only for use with accessories designed for Ratchet (Impact Socket). Other sockets could shatter or break, causing injury.

- a) Use only appropriate Square Drive Sockets.
- b) To attach a socket or other accessory, align the accessory with the drive anvil and push it firmly onto the tool.
- c) To remove the accessory, pull the accessory off the drive anvil.

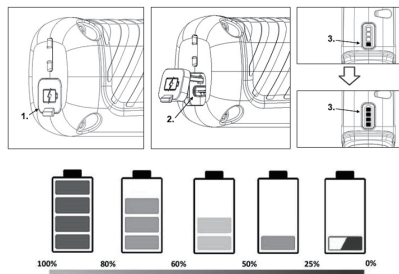
Trigger LOCK switch



1. LOCK switch 2. Trigger

- When the LOCK switch is pushed and positioned in the A direction, the trigger is in the pressable state, and pressing the trigger will activate the tool.
- When the LOCK switch is pushed and positioned in the B direction, the trigger is in the LOCK state, and pressing the trigger will not activate the tool.

Charge the tool



When charging the tool, please first open the dust cover of the charging port. Insert the Type-C end of the charging cable into the USB connector to charge the tool. At this time, the indicator light will flash according to the battery level.

When charging with low battery, only one indicator light will flash. As the battery level increases, the number of lit lights will also increase. When all the indicator lights are on without flashing, it means that the tool has finished charging.

Note: The battery is supplied partially charged. To ensure the maximum performance of the battery, use the power adaptor to fully charge the battery before first use.

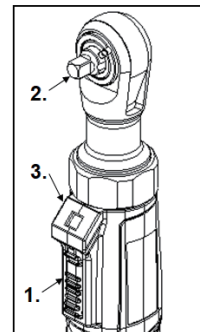
Note: The adapter specification must be less than 10W (5V/2.0A)

- The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging process does not damage the battery.
- When the voltage is abnormal, the tool will stop the motor and the battery indicator light will flash once a second.
- Use a USB cable to connect the power tool to the power supply.
- The battery charge indicator light indicates charging progress. The indicator light will flash during charging. When the battery is fully charged, all 4 indicator lights will light up.
- If you are not planning to use the power tool again soon, disconnect it from the power supply. The power tool cannot be used during the charging process. It is not defective if it does not work during the charging process. Follow the instructions on correct disposal.

Operation

▲ WARNING : To reduce the risk of serious personal injury, turn unit off before making any adjustments or removing / installing attachments or accessories. An accidental start-up can cause injury.

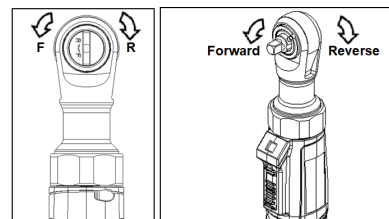
Activate the tool



1.Trigger 2.Anvil 3.LED

- Press and hold the trigger to rotate the Anvil and activate the LED simultaneously.
- Release the trigger to stop the rotation of the Anvil. The LED will turn off after 10 seconds.

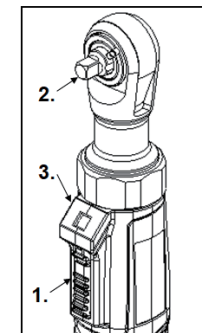
Using the Forward/Reverse Lever/Toggle



Please check the direction of rotation before use.

- Rotate the switch button to the F direction and press the trigger to make the Anvil rotate forward.
- Rotate the switch button to the R direction and press the trigger to make the Anvil rotate in the reverse direction.

Activate the LED



1.Trigger 2.Anvil 3.LED

- Press and hold the trigger twice in quick succession to independently activate the LED, which will remain on for 3 minutes. After 3 minutes, the LED will automatically turn off.
- In the independent startup state of the LED, press the trigger twice in quick succession to manually turn off the LED. (The brief activation of the Anvil in this operation is a normal occurrence and not a tool malfunction.)

Battery specification & safety

Rated Voltage	3.6V
Rated Capacity	2Ah
Cell type	Li-ion

- Do not dismantle, open or shred cells or battery pack.
- Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.
- Do not subject battery pack to mechanical shock.
- 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.
- Battery needs to be charged before use. Always refer to this instruction and use the correct charging procedure.
- Do not maintain Battery on charge when not in use.
- After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.
- When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.
- Retain the original product literature for future reference.
- Integrated batteries may only be removed for disposal by qualified personnel.
- Opening the housing shell can destroy the power tool. Before you can remove the battery from the power tool, you will need to use the power tool until the battery is completely discharged. Unscrew the screws on the housing and remove the housing shell in order to remove the battery.
- To prevent a short circuit, disconnect the connectors on the battery one at a time and then isolate the poles. Even when fully discharged, the battery still contains a residual capacity which can be released in case of a short circuit.

Battery charger safety

- 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.
- Do not use a battery tool that is damaged or modified.
- Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.

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 for dealers.
- 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 for dealers.

▲ 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

When protection occurs, Indicator Light of the tool will flash to prompt, and the details are shown in the table below

Symptom	Occurred abnormal	Trouble shooting
Continuously blinks once.	<ul style="list-style-type: none">■ Voltage too low.	<ul style="list-style-type: none">■ Leave workpiece, and press the trigger.■ Contact Service if the problem persists.
Continuously blinks 2 times.	<ul style="list-style-type: none">■ Tool MOSFET temperature protection.■ Tool battery temperature protection.■ Tool Motor temperature protection.	<ul style="list-style-type: none">■ Leave workpiece, wait for the temperature to return to operating temperature, and press the trigger.■ Contact Service if the problem persists.
Continuously blinks 3 times.	<ul style="list-style-type: none">■ Trigger switch abnormal.■ The positive and negative terminal power lines are open circuit.■ Over current protection.	<ul style="list-style-type: none">■ Leave workpiece, and press the trigger.■ 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, R.O.C.