reddot winner 2021
innovative product

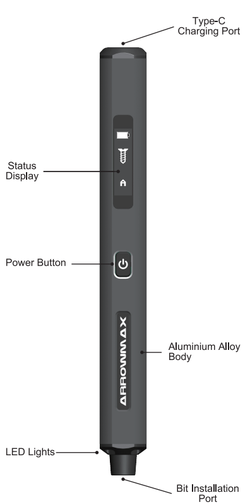
MANUAL

SES PRO

Smart Motion Control Electric Screwdriver

ARROWMAX

SES PRO
Screwdriver Structure Diagram



Thank you for choosing SES PRO (Smart Motion Electric Screwdriver). Please read the instructions manual carefully

Product description:

The Arrowmax SES PRO smart motion control electric screwdriver is equipped with the best 32-bit microprocessor, 3-axis gyroscope and has a HD OLED interface.

SES PRO weighs at only 52g, using lithium battery (500 mAh) that is designed specifically for long hour usage. The battery level is indicated on the OLED display and can be recharged by using a USB Cable.

The user-friendly interface of the SES PRO is seamless and allows for torsional force and speed to be fully adjustable with a single on/off button.

The OLED display will indicate the rotational directions during operation. There are also four pre-set torsional steps for users to choose from.

The SES PRO handle comes in quadratic shape with curved surface to achieve the best control and grip during operation.

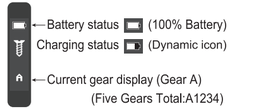
SES PRO is equipped with 34 magnestised bits and come in a stylish aluminium storage box.

The SES PRO MAX is the most advanced and professional version of its predecessor. It will be able to connect using mobile applications via Bluetooth to adjust and finetune the torsional force and speed to meet the needs of each individual.

SES PRO is equipped with an aluminum alloy storage box, with magnetic and demagnetizing function of the bit. The internal structure is compact. Up to 34 different types of bit are placed. Most 3C products, computers, four-axis unmanned machines, glasses, clocks, toys, models, etc. can be installed and disassembled.

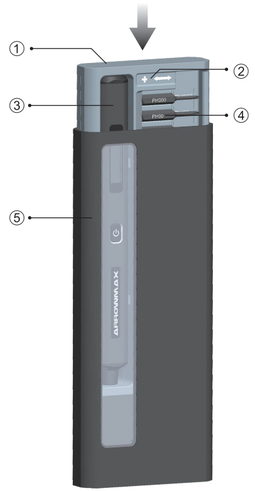
Operation method:

Gear setting: Press the switch button three times to enter the gear setting interface, and press the switch button to select the working modus of the screwdriver. After the selection is completed, press the switch button or let go and wait for the data to be saved and automatically return to the standby interface.



Gear Setting Interface (Five Gears Freely Adjustable)

A) Auto Sensing mode, the rotation speed of the Screwdriver is controlled according to the angle of the hand rotation (0-200rpm)
1) Maximum Torque mode 2.0kgf.cm
2) High Torque mode 1.5kgf.cm
3) Medium Torque mode 1.0kgf.cm
4) Low Torque mode 0.5kgf.cm



① - Inner Box
② - Magnetizer
③ - SES PRO Smart Electric Screwdriver
④ - Bits
⑤ - Storage Box

Storage Instructions:

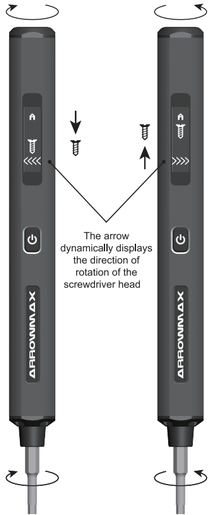
- Press the top of the storage box, the inner box of the storage box pops out to open.
- Press the top of the inner box once more to close the storage box.

Smart electric screwdriver storage:

- The smart electric screwdriver is fixed to the inner box of the storage box in the form of a buckle.
- After use, press the smart electric screwdriver back into place.
- Bits are accommodated in the inner box by magnetic absorption. After using the bit, put the bit into the bit slot, the bit can be absorbed by itself.
- Take out the bit from the inner box of the storage box and insert the bit into the bit installation port.

Working Status:

Press and hold the switch key, turn the screwdriver clockwise with the gesture to the right, that is, turn the screwdriver to the right, the screw logo on the OLED screen will move down and the arrow mark will dynamically display to the right.
Press and hold the switch key, turn the screwdriver anti-clockwise with the gesture to the left, that is, turn the screwdriver to the left, the screw logo on the OLED screen will move down and the arrow mark will dynamically display to the left.



Product parameters:

Product model: SES PRO
Battery voltage: 3.7V
Size: 15 x 15 x 136 mm
Lithium battery: 500 mAh
Weight: 52g
No-load speed: 200r/min
Electric maximum torque: 2.0kgf.cm
Charging time: 80 minutes

Product list:

(1x) Smart electric screwdriver
(1x) Aluminum alloy storage box
(1x) Manual
(34x) S2 steel 4mm bit

- Phillips tip: PH000, PH00, PH0, PH1
- Flat tip: SL1.5, SL2.0, SL2.5, SL3.0
- Torx tip: T2, T3, T4
- Torx Security tip: T5H, T6H, T8H, T10H, T15H
- Five-star tip: 0.8, 1.2, 1.5
- Tripoint tip: Y0.6, Y2.0, Y2.5
- Hexagonal tip: H0.9, H1.3, H1.5, H2.0, H2.5
- Square tip: S0, S1
- Trilobular tip: 2.0, 2.3
- Spanner tip: 2.6
- Phillips/Flat combination: 2.5
- 0-pin tip: 0.8

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Warranty card:

Warranty regulations

1. The warranty period for this product is 12 months.
2. With 7 days from the date of sale, if product performance fault is found, it can be returned, replaced or maintained, please contact the customer service.
3. If you have any quertions, please contact your dealer.

The following situations are not covered by the warranty:

1. Product is damaged due to improper use, maintenance, and storage.
2. No after-sales vouchers and valid invoices.
3. The damage is caused by force majeure.

The company reserves the right to modify the above provisions, without violating relevant national laws and regulations, we have the final right of interpretation.

Maintenance information

User name:_____
Telephone:_____
E-mail:_____
Address:_____
Purchase date:_____
Maintenance reasons:_____

Manufacturer Information

Manufacturer: Freemax Technology Co.,Ltd
Address: Room 1203,12/F,Wah Shing Centre, 11-13 Shing Yip Street,Kwun Tong,Hong Kong
T: + 852 3590 9790
E: info@arrowmax-rc.com
www.arrowmax-rc.com

保修卡

保修條例

1.本產品自售出之日起，保修期12個月；
2.自產品出售之日起7日內，如發現產品性能故障，
　可以選擇退貨、換貨或者維修；
3.如有疑問，請聯繫購買供貨商。

下列情況不在保修範圍之內

1.消費者因使用、維護、保管不當造成損壞的；
2.無售後憑證及有效發票的；
3.因不可抗拒因素造成損壞的。

本公司保留修改以上規定的權利，在不違反國家相關法規的情況下，擁有最終解釋權。

售後信息

用戶名稱：_____

聯繫電話：_____

電子郵箱：_____

用戶地址：_____

_____

購買日期：_____

維修原因：_____

_____

製造商信息

製造商：飛馬仕科技有限公司
地址：香港九龍觀塘成業街11-13
　　號華成中心12樓1203室
電話：+852 3590 9790
郵箱：info@arrowmax-rc.com

紅點獎2021
創新產品設計獎

說明書

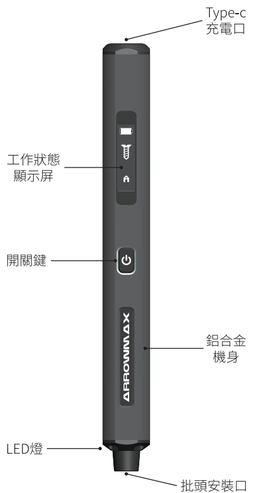
SES PRO

智能電動螺絲刀

ARROWMAX

SES PRO

螺絲刀結構圖



感謝您使用本公司的智能電動螺絲刀。爲了讓您更好的體驗產品，請仔細閱讀說明書。

產品描述

SES PRO 配備了32位微計算芯片，三軸陀螺儀和OLED高清數字動態顯示屏，通過複雜而精確的算法，能夠智能感應人手的擺動而進行工作，從而實現一鍵啓動所有，達到行業內的最高配置。

SES PRO 進入A檔自動工作模式，將會智能感應人手的擺動幅度而進行扭力大小的調節，同時進行速度的快慢調節，實現真正的無級變速。

SES PRO 設計只有一個開關鍵，讓工作更簡便，無論是鎖緊或拆鬆螺絲，或選擇進入任何一個工作模式，只需要按同一個開關鍵完成。

SES PRO 工作過程中，OLED屏動畫顯示螺絲刀正在進行對螺絲的鎖緊或拆鬆，以及動畫顯示批頭的旋轉方向。OLED 屏長期提示當前所剩電量，並動畫顯示充電狀態。

SES PRO 手柄採用了方形帶圓弧面的形狀，打破了傳統精密電動螺絲刀的圓形設計，使得工作期間更好控制螺絲刀，握感更舒適，自創的離合片式手自一體化離合器，能對電機過載有效保護的同時，對螺絲刀在手動模式下也進行了適當的保護。產品已申請多項專利。

特殊配製的高容量鋰電池，更有效地利用了產品的內部空間，在保持正常工作所需的扭力和動力前提下，SES PRO 比現時同類產品體積平均減少20%以上，鋰電池容量可達到500mAh，使得SES PRO 的工作時間更長。

SES PRO 配備鋁合金收納盒，帶有批頭的加磁功能，內部結構設計緊湊，安放了多達34支不同型號的批頭，可裝拆絕大多數的3C產品，電腦，四軸無人機，眼鏡，鐘錶，玩具，模型等。

操作方法

檔位設置：連續按三次開關鍵，進入檔位設置界面，單按開關鍵進行選擇螺絲刀的工作檔位，選擇完成後，鬆手等待兩秒，數據保存後自動返回待機界面。

待機界面：

←當前電量顯示：（100%電量顯示）
【充電狀態顯示：（圖標動態顯示）】
←當前檔位顯示：A檔
（共五檔：A 1 2 3 4）

檔位設置界面：（五檔自由調節）

A 角度感應模式：隨着人手轉動的角度而控制螺絲刀的旋轉速度（0-200rpm）
1 最大扭矩模式：2.0kgf.cm
2 大扭矩模式：1.5kgf.cm
3 中扭矩模式：1.0kgf.cm
4 小扭矩模式：0.5kgf.cm

① - 收納盒內盒
② - 加磁器
③ - 智能電動螺絲刀
④ - 批頭
⑤ - 收納盒外殼

收納盒開合

- 按壓收納盒頂部，收納盒內盒彈出開啓。
- 再次按壓收納盒內盒頂部，收納盒閉合。

注意：按壓收納盒內盒後，內盒彈出，此時內盒易滑落。

智能電動螺絲刀收納

- 智能電動螺絲刀以卡扣形式固定於收納盒內盒。
- 使用完畢後，將智能電動螺絲刀按壓歸位。

批頭收納

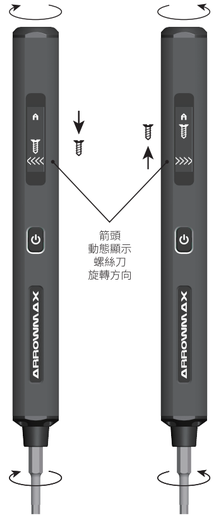
- 批頭通過磁吸收納於內盒中。
- 批頭使用完畢後，將批頭放入批頭槽，批頭即可自行吸附。

批頭安裝

- 從收納盒內盒中取出批頭，將批頭插入批頭安裝口即可。

工作狀態

- 按住開關鍵，手勢向右順時針轉動螺絲刀，即批頭右轉，OLED屏的螺絲標誌圖往下移動，同時箭頭標誌動態顯示向右；
- 按住開關鍵，手勢向左逆時針轉動螺絲刀，即批頭左轉，OLED屏的螺絲標誌圖往上移動，同時箭頭標誌動態顯示向左。



產品參數

產品型號：SES PRO
尺寸：15x15x136mm
重量：52g
電動最大扭矩：2.0kgf.cm
電池電壓：3.7V
鋰電池：500mAh
空載轉速：200r/min
充電時長：80分鐘

產品清單

- 智能電動螺絲刀x1
- 鋁合金收納盒x1
- 說明書x1
- S2鋼4mm批頭x34支：
  - 十字批頭：PH000，PH00，PH0，PH1
  - 一字批頭：SL1.5，SL2.0，SL2.5，SL3.0
  - 六星批頭：T2，T3，T4
  - 六星帶孔：T5H，T6H，T8H，T10H，T15H
  - 五星批頭：0.8，1.2，1.5
  - Y型批頭：Y0.6，Y2.0，Y2.5
  - 六角批頭：H0.9，H1.3，H1.5，H2.0，H2.5
  - 方型批頭：S0，S1
  - 三角批頭：2.0，2.3
  - U型批頭：2.6
  - 十字中板：2.5
  - 通針批頭：0.8

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