SEQURE ES666

Smart Electric Screwdriver
Instruction Manual



Please read these instructions carefully before first use and strictly follow the specified operating instructions. Wrong use may cause personal injury or equipment damage.

www.rotorama.com

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1. Safety Instructions

The screwdriver contains a built-in battery, a geared electric motor and sharp magnetic bits. For safe use, observe the following rules:

- Please use power supplies and accessories that meet safety standards. The manufacturer recommends original SEQURE accessories.
- Please prevent the product from falling. Store it in a place that is not easily accessible to children.
- Before working on electronics (e.g. a drone), always disconnect its power supply – on a drone, disconnect the flight battery. Do not work on live parts.
- Do not use the screwdriver as a lever, hammer or drill. Never point the bit towards your eyes or body.
- Protect the screwdriver from water, moisture, dust and direct heat. Do not use it if the body or the cable is damaged.
- Do not disassemble or modify the screwdriver – it contains a built-in battery. Stop using and charging a device that is damaged, swollen or overheated.
- Charge under supervision, on a non-flammable surface and away from flammable materials.
- Keep the magnetic bits and the magnetizer away from magnetic data carriers, payment cards and sensitive instruments.

※ During continuous operation the screwdriver stops automatically after 90 seconds (TIME OUT warning, see chapter 5.2).

2. Product Description

2.1 Product Overview

The SEQURE ES666 smart electric screwdriver is designed for fine work on electronics, RC models and drones. It supports three working modes – **Sensor** (sensing mode, controlled by the gesture of your hand), **Fixed** (fixed mode, controlled by the buttons) and **Auto** (automatic mode with automatic stop). It features angle motion control with adjustable sensitivity; in auto mode it can stop and start automatically.

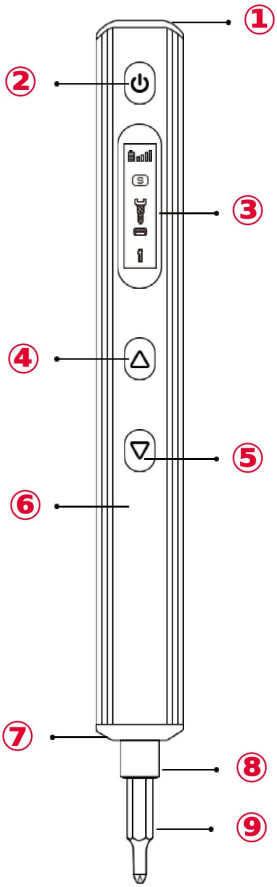
The screwdriver has an OLED display, built-in shadowless LED lights and a metal body. The battery is charged via the USB Type-C connector.

2.2 Parameters of Product

Parameter	Value
Product type	ES666
Electric torque	2.0 kgf·cm / 0.2 N·m
Manual torque	22 kgf·cm / 2.2 N·m
Capacity of battery	600 mAh
No-load speed	250 rpm
Charging time	2 h
Working time	4 h (no load)
Charge specification	USB Type-C, 5 V
Bits specification	4 mm hexagon
Screen specification	OLED 128 × 32
Front lighting	LED
Dimension of host	15 × 16 × 140 mm
Weight of host	56.7 g
Working modes	Sensor, Fixed, Auto
Gears	7 (A, 1–6)

Manual torque is the value for tightening a screw by hand, by turning the whole screwdriver.

2.3 Parts Structure



① USB Type-C connector (charging, firmware upgrade)
② **Power** button – on/off, menu key
③ OLED display
④ △ button
⑤ ▽ button
⑥ Metal body
⑦ Shadowless LED lights
⑧ Installation port for bits
⑨ 4 mm hexagon bit

2.4 Product List

- 1× ES666 screwdriver host
- 1× magnetizer / demagnetizer
- 1× USB Type-C data cable
- 1× storage bag
- 30× S2 steel bits, 4 mm hexagon
- 1× instruction manual

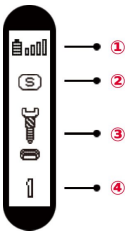
A USB power adapter is **not** included.

Bit type	Sizes
Cross-shaped (PH)	PH0000, PH000, PH00, PH0, PH1, PH2
Hexagonal (H)	H1.5, H2.0, H2.5, H3.0
Five star (P, Pentalobe)	P2, P5, P6
“-” shaped (SL)	SL1.0, SL1.5, SL2.0, SL2.5, SL3.0
Y-shaped	Y0.6, Y1.0
Plum blossom (T)	T2, T3, T4
Plum blossom with holes (TxH)	T5H, T6H, T7H, T8H, T9H, T10H
Cross middle plate (W)	W2.5

Magnetizer / demagnetizer: if a bit does not hold the screw well, magnetize it by passing it through the corresponding part of the tool; use the opposite part to remove the magnetism – follow the markings on the tool.

3. Display and Menu

3.1 Idle Interface



① **Power display** – fully charged 100 %, 25 % per segment.

② **Working mode** – S = Sensor, F = Fixed, A = Auto.

③ **Inform icon** – the icon moves according to the change of working status.

④ **Gears display** – 7 gears (A, 1, 2, 3, 4, 5, 6).

▶ Operation guide

① Single press **Power** to turn on the screwdriver and enter the idle interface.

② Single press **Power** repeatedly to cycle through the torque gears.

③ Quickly press **Power** three times to enter the menu setting interface.

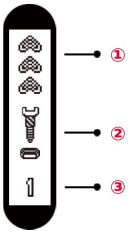
④ Press △ or ▽ to enter the working interface.

⑤ Quickly press △ or ▽ three times to enter the gear setting interface.

⑥ After 15 s without button operation, the screwdriver turns off the screen automatically and enters standby mode.

⑦ Long press **Power** to turn off the screwdriver.

3.2 Working Interface



① **Working status** – arrows pointing upwards: unscrewing; arrows pointing downwards: tightening.

② **Alert icon** – changes and moves according to the working status.

③ **Gears display** – 7 gears (A, 1, 2, 3, 4, 5, 6).

Press △ or ▽ to control the operation of the screwdriver. It automatically returns to the idle interface when there is no button operation.

3.3 Gear Setting Interface



- **A – angle sensing:** the rotation speed is directly proportional to the rotation angle of the screwdriver.
- **1–6 – torque gears:** from gear 1 to gear 6 the torque increases gradually. Multiple gears meet every kind of usage scenario.

Press △ or ▽ to select the torque gear. After setting, the screwdriver automatically saves the data and returns to the idle interface without button operation.

3.4 Menu Setting Interface

Single press **Power** to cycle through the menu items; press △ or ▽ to set the parameter. Settings are saved automatically. The menu items are displayed in English:

Menu item	Description	Default	Setting range
Shut	automatic shutdown time	10 min	5–30 min
Model	working mode	Sensor	Sensor / Fixed / Auto
Oled	direction of display	0°	0° / 180°
Light	LED switch	ON	OFF / ON / Delay
Action	angle sensitivity	MAX	MIN / MID / MAX
Language	language selection	EN	EN / RU / CN (English / Russian / Chinese)
About	firmware version	–	–

3.5 Standby Mode and Shutdown

▶ Standby mode

① On the idle interface, the screwdriver turns off the screen after 15 s without button operation and enters standby mode.

② Press any button to return to the idle interface.

③ Long press △ or ▽ to enter the working interface directly.

④ If there is no button operation for the time set in *Shut*, the screwdriver turns off automatically.

⑤ Long press **Power** to turn off the screwdriver.

Shutdown status: when turned off, there is no response when operating △ or ▽. Press **Power** to turn on the device and enter the idle interface.

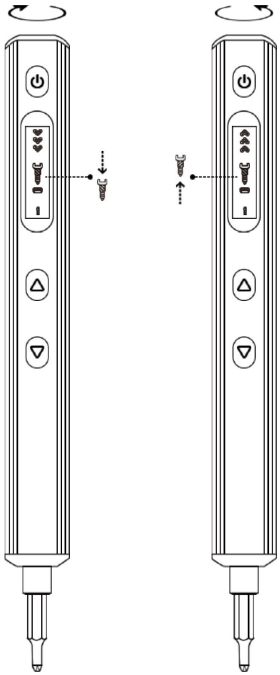
4. Working Modes

Select the working mode in the menu with the item *Model* (see chapter 3.4). The LED behaviour is set with the item *Light*: with *ON* the LED turns off immediately when there is no button operation, with *Delay* it turns off after a delay of 3 seconds.

4.1 Sensor Mode (Sensing)

Set the menu parameter *Model* to *Sensor*. The rotation of the screwdriver is controlled according to the direction of the gesture.

- Long press △ or ▽ and turn the screwdriver **clockwise** to tighten the screw.
- Turn the screwdriver **counterclockwise** to unscrew the screw.
- It stops working when there is no button operation.
- With *Light* set to *ON* or *Delay*, the LED does not light up when you press ▽ – it only lights up when you press △.

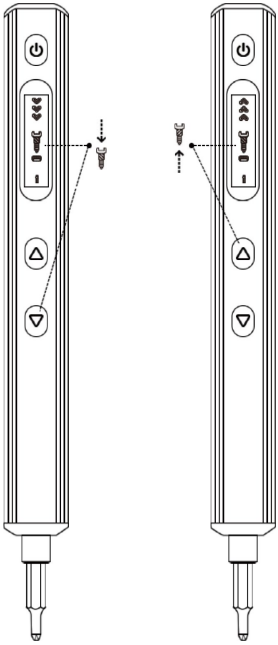


Sensor mode – left: tightening, right: unscrewing

4.2 Fixed Mode (Button Control)

Set the menu parameter *Model* to *Fixed*. Press △ or ▽ to control the rotation of the screwdriver.

- Long press and hold ▽ – it rotates forward to tighten the screw.
- Long press and hold △ – it rotates in reverse to unscrew the screw.
- It stops working when there is no button operation.
- With *Light* set to *ON* or *Delay*, the LED lights up during work.



Fixed mode – left: tightening (▽), right: unscrewing (△)

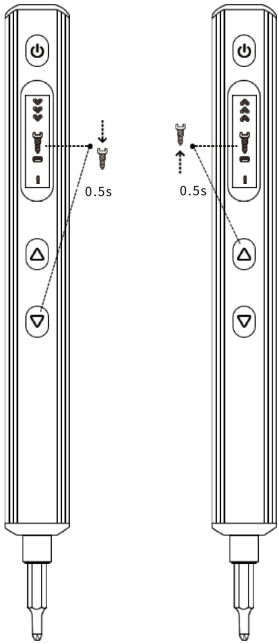
4.3 Auto Mode (Automatic Operation)

Set the menu parameter *Model* to *Auto*. After holding down △ or ▽ for 0.5 seconds, you can release the button and the screwdriver automatically enters continuous working mode. Press ▽ to rotate forward and tighten the screw, press △ to rotate in reverse and unscrew it. With *Light* set to *ON* or *Delay*, the LED lights up during operation.

① In automatic continuous working mode, the screwdriver stops working automatically after tightening the screw in the forward direction.

② You can cancel the automatic operation at any time by a single press of any button – the screwdriver stops working.

When it stops, the LED turns off immediately with *ON*, or after a delay of 3 seconds with *Delay*.



Auto mode – started by holding the button for 0.5 s

5. Charging and Warnings

5.1 Charging

Charge the screwdriver with the included cable via the USB Type-C connector from a 5 V source (e.g. a USB adapter or a computer USB port). Charging takes approximately 2 hours. The battery level is shown by the power display on the idle interface (each segment = 25 %).

- Use only power supplies that meet safety standards.
- Charge under supervision and away from flammable materials; disconnect the cable after charging.
- When the *CHARGE* warning appears, charge the screwdriver in time.

5.2 Warnings

Warning	Description	Reason	Operation
CHARGE	charging reminder	low battery	Press any button to turn off the warning and charge the screwdriver in time.
TIME OUT	time out reminder	continuous work for 90 s	Stops working automatically. Press any button to turn off the warning.

6. Firmware Upgrade

① Turn off the screwdriver.

② Keep pressing ▽ and connect the screwdriver to a computer with a USB Type-C cable. The screen displays *UPDATE*.

③ A virtual disk appears on the computer. Copy the firmware file to it.

④ If the upgrade is successful, *READY* on the screen changes to *YES*. If the upgrade fails, it changes to *NO*.

⑤ Disconnect the screwdriver from the computer.

※ Please visit the manufacturer's website www.sequremall.com to obtain the firmware. Wrong firmware will cause abnormal working of the screwdriver – always download the firmware for the ES666.

7. Maintenance and Storage

- Clean the screwdriver with a soft dry cloth. Do not use solvents and do not immerse it in water.
- Keep the bit installation port clean – remove metal filings and dirt attracted by the magnet.
- Store the screwdriver and bits in the bag, in a dry place out of reach of children. Charge the battery before longer storage and recharge it occasionally.
- Replace worn or damaged bits – they are consumables.

8. Information for the EU and Czech Market

8.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

8.2 Product conformity

CE

- The product bears the **CE** marking and complies with the requirements of the applicable European Union harmonisation legislation.
- A copy of the **EU Declaration of Conformity** is available from the importer at the address stated above or at the e-mail address info@rotorama.cz.
- **Product identification:** the type designation (ES666) is given on the product and its packaging; the firmware version number can be found in the menu, item *About*.

8.3 Disposal of electrical equipment and batteries



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The product contains a built-in rechargeable battery. Where possible, hand it over together with the device – do not dispose of the battery in mixed waste or in fire.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

9. Warranty and rights arising from defective performance

9.1 Rights of the buyer under Czech law

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection. The manufacturer's warranty terms set out below (Chapter 9.2) **do not in any way limit** the buyer's rights arising from these regulations.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 8.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.

9.2 Manufacturer's warranty terms

※ The following text is the manufacturer's original warranty statement.

Within 3 months from the date of purchase, if there are performance malfunctions caused by non-human factors, the manufacturer provides free repair services. After 3 months, there is no labour cost for the repair; the cost of replacement parts and the shipping fee are paid by the customer.

The manufacturer's warranty does not cover:

- malfunctions caused by human damage, self-disassembly or improper use,
- consumables.