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› Soleilwear Mini Electric Screwdriver 52-in-1 User Manual

Soleilwear JD006

Soleilwear Mini Electric Screwdriver 52-in-1

Model: JD006

INTRODUCTION

This manual provides instructions for the proper use and maintenance of your Soleilwear Mini Electric Screwdriver 52-in-1 kit. This precision tool is designed for assembling and disassembling various electronic products and small devices. Please read this manual thoroughly before operation to ensure safe and efficient use.

SAFETY INFORMATION

- Keep the tool away from water and moisture.
- Do not use the screwdriver for tasks beyond its intended precision repair scope.
- Store the tool and bits out of reach of children.
- Ensure the correct bit size is used for each screw to prevent damage to the screw head or bit.
- Avoid excessive force when using the electric mode to prevent stripping screws or damaging components.

PRODUCT OVERVIEW AND COMPONENTS

The Soleilwear Mini Electric Screwdriver kit includes the following components:

- 1 Electric Screwdriver Handle
- 48 S2 Steel Precision Bits
- 1 Tweezers
- 1 Pry Tool
- 1 USB Type-C Charging Cable

Electric Precision Screwdriver

Type-C Charging Port



Battery Indicator

Visualize Screen



Type-C Charging Port

Unscrew Button

Screw Button



Bright Blue Worklights

Anti-slip Design

LED Worklights



Figure 1: Main components of the electric screwdriver, including the Type-C charging port, battery indicator, visual screen, unscrew button, screw button, anti-slip design, and LED worklights.

48PCS PRECISION BITS

For Multi-purpose use

- ⊕ PH0, PH00, PH000, PH1
- ⊛ T2, T3, T4
- ⊛ T5H, T6H, T7H, T8H, T9H, T10H, T15H, T20H
- ◐ SL1.0, SL1.5, SL2.0, SL2.5, SL3.0, SL3.5, SL4.0
- ⊙ U2.6, U3.0
- HO.7, HO.9, H1.3, H1.5, H2.0, H2.5, H3.0, H3.5, H4.0
- △ 2.0, 2.3, 3.0
- ⊙ 0.8
- ⊕ 2.5
- ⊙ Y0.6, Y1, Y2.0, Y2.5
- S0, S1, S2
- ⊛ P2, P5, P6

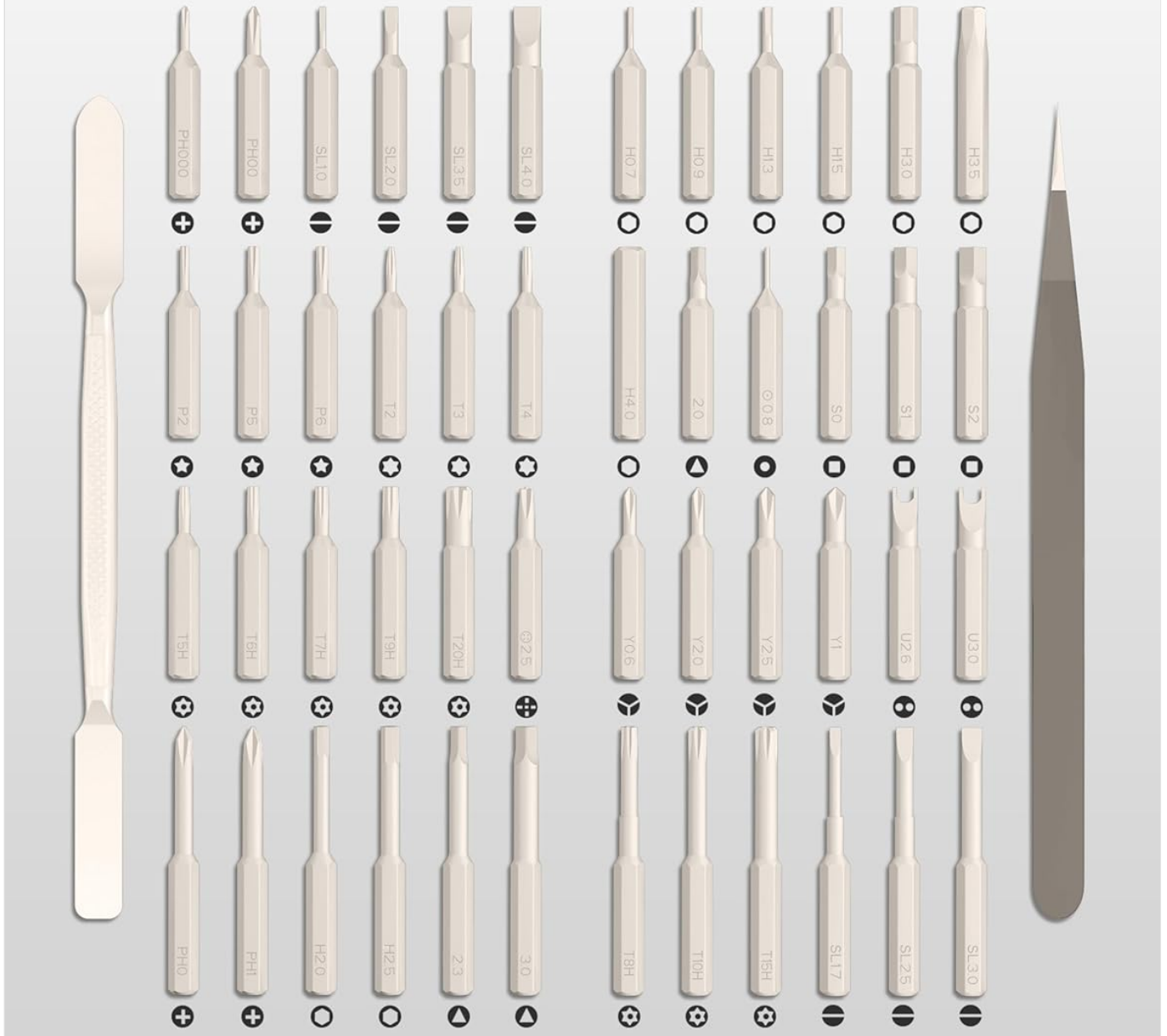


Figure 2: The comprehensive set of 48 precision bits, along with the included tweezers and pry tool, designed for multi-purpose use in electronic repairs.

SETUP

Charging the Screwdriver

Before initial use, fully charge the screwdriver. Connect the provided USB Type-C cable to the charging port on the screwdriver and a compatible USB-A power source. A full charge takes approximately 45 minutes. The battery indicator on the visual screen will show the charging status.

- The screwdriver is powered by a 350 mAh rechargeable lithium battery.
- It supports USB-A to USB-C charging only; USB-C PD chargers are not supported.

LONG-LASTING BATTERY



Figure 3: Internal structure highlighting the 350 mAh battery, capable of driving up to 900 screws on a single charge with a no-load speed of 200 r/min.

Installing and Storing Bits

The bit storage case features a push-up design for easy access. All bits and the screwdriver itself are magnetic, ensuring secure placement within the case and preventing bits from falling out.

1. To open the case, gently push the top cover.
2. Select the desired bit and insert it firmly into the screwdriver's magnetic chuck.
3. To enhance the magnetism of a screw or bit, place it in the designated magnetization zone within the case.
4. After use, return the bit to its corresponding slot in the magnetic storage case.

Magnetic & Pop-up Design



Figure 4: The magnetic pop-up design of the bit storage case, showing the pressing area to open and the magnetization zone for strengthening bit and screw magnetism.

OPERATING INSTRUCTIONS

Electric Mode Operation

The screwdriver offers both electric and manual modes. The electric mode provides efficient and precise fastening.

1. Ensure the correct bit is securely installed.
2. Position the bit onto the screw head.
3. To screw in, press the 'Screw' button (typically indicated by a forward arrow).
4. To unscrew, press the 'Unscrew' button (typically indicated by a backward arrow).
5. The electric mode operates at 200 r/min with a torque of 0.3 N.m.

Two Smart Modes



Screw-in



Screw-out

Figure 5: Illustration of the two smart modes: screw-in (clockwise rotation) and screw-out (counter-clockwise rotation).

Manual Mode Operation

For screws requiring higher torque or for initial loosening/final tightening, the manual mode can be used.

- Simply twist the screwdriver handle manually.
- The manual torque capacity is up to 3.5 N.m.

LED Digital Display

The integrated LED digital display provides clear information during operation.

- It indicates the current battery level.
- It shows the screw direction (forward or reverse).

LED Digital Display

Indicate battery level and screw directions clearly



Figure 6: The LED digital display clearly indicating battery level and screw directions.

MAINTENANCE

Cleaning

Regular cleaning helps maintain the tool's performance and longevity.

- Wipe the screwdriver handle and bits with a clean, dry cloth after each use.
- Do not use abrasive cleaners or solvents.

Storage

Proper storage protects the tool and its components.

- Always store the screwdriver and bits in their magnetic storage case when not in use.
- Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the battery is partially charged (around 50%) before long-term storage to preserve battery health.

TROUBLESHOOTING

If you encounter issues with your screwdriver, refer to the following common problems and solutions:

- **Screwdriver not turning on or operating:** Ensure the battery is fully charged. If the issue persists, contact customer support.
- **Low torque in electric mode:** For very tight screws, use the manual mode to apply more force (up to 3.5 N.m). Ensure the bit is fully engaged with the screw head.
- **Bits slipping or stripping screws:** Verify that you are using the correct bit size and type for the screw. Apply gentle, consistent pressure.
- **Battery not charging:** Check the USB-C cable and power source. Ensure you are using a USB-A to USB-C charger, as USB-C PD chargers are not compatible.

SPECIFICATIONS

Model Number	JD006
Brand	Soleilwear
Battery Type	1 Lithium-polymer (included)
Battery Capacity	350 mAh
Charging Time	Approx. 45 minutes
Electric Torque	0.3 N.m
Manual Torque	3.5 N.m
No-Load Speed	200 r/min
Voltage	5 Volts
Dimensions (L x W x H)	17.2 x 7.19 x 2.21 cm
Weight	430.91 Grams
Material	Tool Steel
Color	Grey
Special Features	Electric, Portable, Magnetic Bit Holder, Anti-Slip Design, LED Worklights, Digital Display
Recommended Use	Precision repair of small devices (watches, phones, drones, laptops, etc.). Not suitable for PCs, furniture, or larger appliances.

WARRANTY AND SUPPORT

Specific warranty information is not provided in this manual. For warranty details, technical support, or service inquiries, please refer to the product packaging or contact the retailer where the product was purchased.