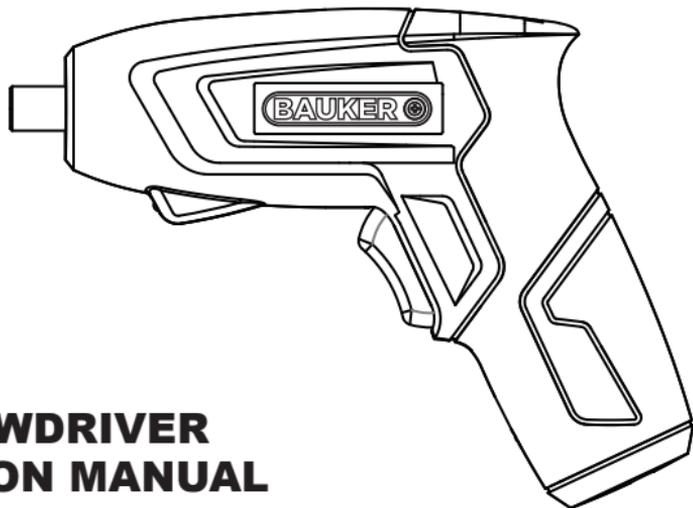


BAUKER 

CSD40S1



**3.6V CORDLESS SCREWDRIVER
ORIGINAL INSTRUCTION MANUAL**

GENERAL POWER TOOL SAFETY WARNINGS

 **WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** 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.

1) 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.

2) 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 (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) 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 power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising 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 jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery 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.

4) 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 the 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.

5) 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.

6) 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.

SCREW DRIVER AND IMPACT WRENCH SAFETY WARNING

- 1. Hold 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.

SAFETY WARNINGS FOR BATTERY PACK INSIDE THE TOOL

- a) Do not dismantle, open or shred battery pack.**
- b) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where**

they may short-circuit each other or be short-circuited by conductive materials. 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.

- c) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.**
- d) Do not subject battery pack to mechanical shock.**
- e) 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.**
- f) Seek medical advice immediately if a cell or battery pack has been swallowed.**
- g) Keep battery pack clean and dry.**
- h) Battery pack needs to be charged before use.**

Always refer to this instruction and use the correct charging procedure.

- i) Do not maintain battery pack on charge when not in use.**
- j) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.**
- k) Battery pack gives its best performance when it is operated at normal room temperature ($20\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$).**
- l) When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.**
- m) Recharge only with the charger specified by POSITEC. Do not use any charger other than that specifically provided for use with the equipment.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- n) Do not use any battery pack which is not designed**

for use with the equipment.

- o) Keep battery pack out of the reach of children.**
- p) Retain the original product literature for future reference.**
- q) Dispose of properly.**

GENERAL SAFETY WARNINGS FOR BATTERY CHARGER

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR BATTERY CHARGER

1. Before charging, read the instructions.
2. Do not charge a leaking battery.
3. Do not use chargers for works other than those for which they are designed.
4. Before charging, ensure your charger is matching the local AC supply.
5. For indoor use, or do not expose to rain.
6. The charging device must be protected from moisture.
7. Do not use the charging device in the open.
8. Do not short out the contacts of battery or charger.
9. Respect the polarity “+/-“ when charging.
10. Do not open the unit and keep out of the reach of children.
11. Do not charge the batteries of other manufactures or ill-suited models.
12. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.

13. Keep battery charger's slots are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
14. When charging batteries, ensure that the battery charger is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries. Ensure that batteries and chargers are not left unsupervised during charging.
15. Do not recharge non-rechargeable batteries, as they can overheat and break.
16. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18°C and 24°C. Do not charge the battery pack in air temperatures below 4.5°C, or above 40.5°C. This is important as it can prevent serious damage to the battery pack.
17. Charge only battery pack of the same model provided by POSITEC and of models recommended by POSITEC

SYMBOL



To reduce the risk of injury, user must read instruction manual



Wear ear protection



Wear eye protection



Wear dust mask



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.



Li-Ion



Do not dispose of batteries. Return exhausted batteries to your local collection or recycling point.



Do not burn



Do not expose to rain or water



For indoor use only



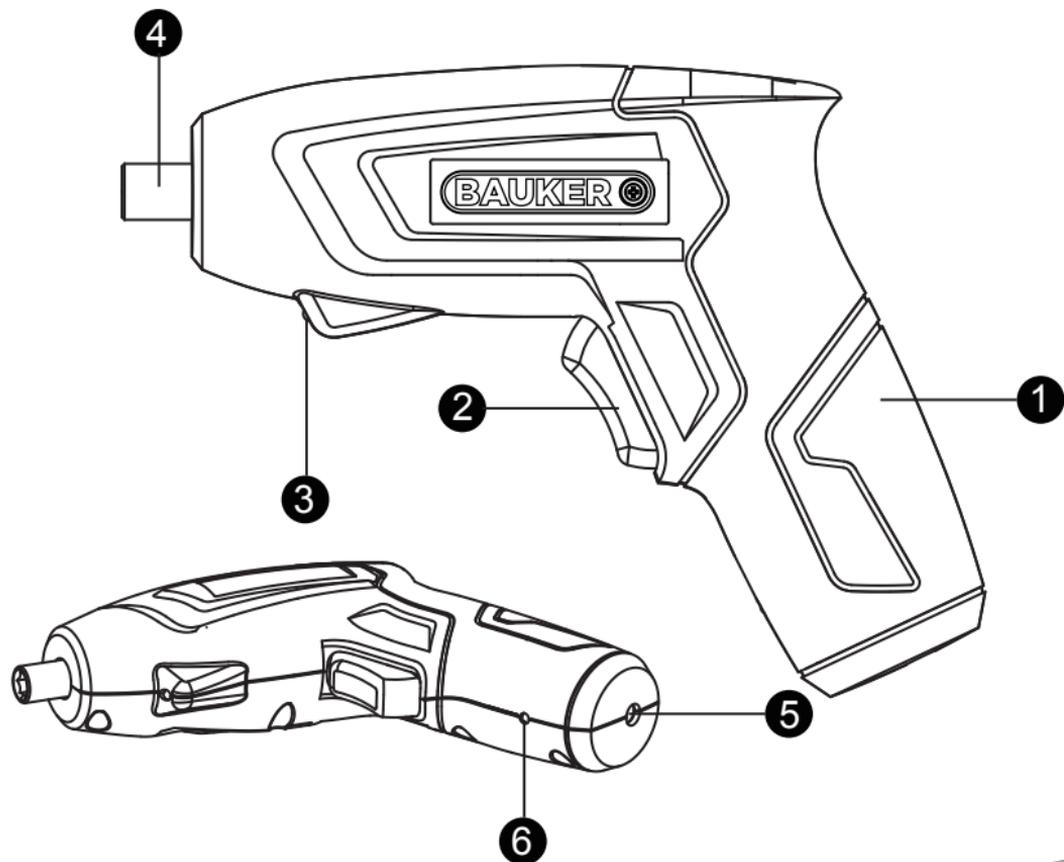
Double insulation

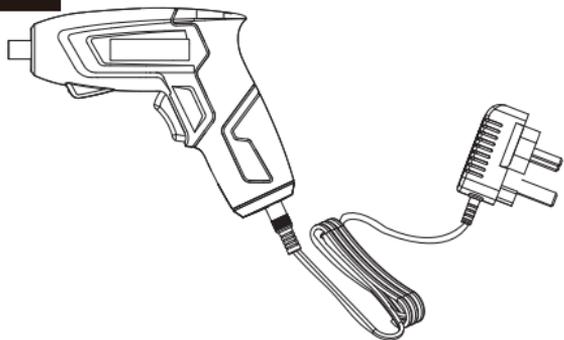
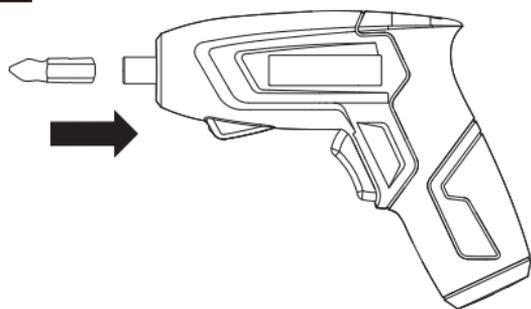
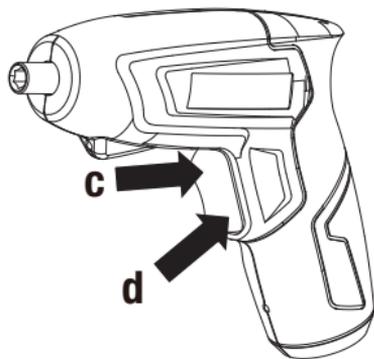
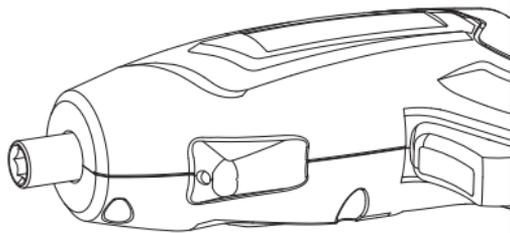


Fuse



The output plug is with positive center pole and negative outer pole



A**B****C****D**

COMPONENT LIST

1. **SOFT GRIP HANDLE**
2. **ON / OFF SWITCH WITH FORWARD AND REVERSE**
3. **LED LIGHT**
4. **CHUCK**
5. **CHARGING SOCKET**
6. **CHARGING INDICATOR**

***Not all the accessories illustrated or described are included in standard delivery.**

TECHNICAL DATA

Charger voltage	100-240V~ 50/60Hz
Rated Voltage	3.6V 
Battery capacity	1.5Ah Li-ion
Rated speed	180/min
Max torque	3N.m
Machine weight	0.35kg
Charging time	3-5 hours
Charger protection class	 /II
Charger Output	5 V  500mA

ACCESSORIES:

50mm bits	2
Charger	1

We recommend that you purchase your accessories from the same store that sold you the tool. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

NOISE DATA

A weighted sound pressure $L_{pA} = 73\text{dB(A)}$

$K_{pA} = 3\text{dB(A)}$

A weighted sound power $L_{wA} = 85\text{dB(A)}$

$K_{wA} = 3\text{dB(A)}$

Wear ear protection.

VIBRATION INFORMATION

Vibration total values (triax vector sum) determined according to EN 62841:

Vibration emission value:

$$a_h = 1.783 \text{ m/s}^2 \quad \text{Uncertainty } K = 1.5\text{m/s}^2$$

The declared vibration total value may be used for comparing one tool with another, and may also be used in a preliminary assessment of exposure.



WARNING: The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:

How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained

The use the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles and if any anti vibration accessories are used.

And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed



WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Helping to minimise your vibration exposure risk.

ALWAYS use sharp chisels, drills and blades

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate)

If the tool is to be used regularly then invest in anti vibration accessories.

Plan your work schedule to spread any high vibration tool use across a number of days.

OPERATING INSTRUCTIONS



NOTE: Before using the tool, read the instruction book carefully.

Intended Use

The power tool is intended for driving in and loosening screws as well as for drilling in wood, metal and plastic.

1. BEFORE OPERATING THIS TOOL

A) CHARGE THE BATTERY

The battery charger supplied is only for the Li-ion battery installed in the machine. Do not use another battery charger. The Li-ion battery is protected against deep discharging. When the battery is empty, the machine is switched off by means of a protective circuit: The tool holder no longer rotates.

When the Battery Pack is charged for the first time or after prolonged storage, the Battery Pack will accept a 100% charge after several charge and discharge cycles.

B) CHARGING (SEE FIG.A)

Plug the charger plug into a suitable power outlet. Next, connect the charger to the Charging Socket on the screwdriver.

Let the battery charge for 3-5 hours. The battery will be fully charged. Then unplug the charger. Disconnect the Charger from the screwdriver. The screwdriver is ready to be used.

Important:

When charging, the charger and screwdriver may become warm to the touch; this is normal and does not indicate a problem.

2. OPERATING INSTRUCTIONS

Inspect the Screwdriver before using to ensure all the parts are running smoothly and there are no abnormal sounds or sparks. Before driving fasteners, check behind walls for wire and other electrical hazards or plumbing.

OPERATION

1. FITTING AND REMOVING BITS (SEE FIG B)

Insert the bit into the Chuck(4) and push the bit into the chuck as far as possible. To remove the bit, simply pull it out of the Chuck(4).



WARNING: Do not suggest to use screw bit shorter than 25mm. When insert into the bit holder, it is difficult to pull it out.

2. FORWARD / REVERSE SWITCH(SEE FIG C)

This allows direction to be changed for driving and removing screws/sockets. Push the bottom of the rocker switch for driving forward(d) and push the top for removing screws/reverse(c)



Warning: Never change the direction of rotation when the Chuck is rotating, wait until it has stopped!

3. FULLY AUTOMATIC SPINDLE LOCKING (AUTO-LOCK) (See Fig. D)

The screwdriver Chuck (4) is locked when the On/Off Switch (2) is not pressed.

This allows the driver to be used manually when needed.

Important:

When using as a manual tool, do not press the On/Off Switch (2). Otherwise the screwdriver will be damaged.

4. USING THE LED LIGHT

To turn on the light simply press the On/Off Switch. When you release the On/Off Switch, the light will be off.

LED light increases visibility and is great for dark or enclosed area.

5. PROTECTION AGAINST DEEP DISCHARGING

The Li-ion battery is protected against deep discharging by the “Discharging Protection System”. When the battery is empty, the machine is switched off by means of a protective circuit: The chuck no longer rotates. When this occurs you need to recharge the battery.

MAINTENANCE

Your tool requires no additional lubrication or maintenance.

There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

PLUG REPLACEMENT (ONLY FOR REWIRABLE PLUG OF UK & IRELAND)

If you need to replace the fitted plug then follow the instructions below.

IMPORTANT

The wires in the mains lead are colored in accordance with the following code:

BLUE – NEUTRAL

BROWN – LIVE

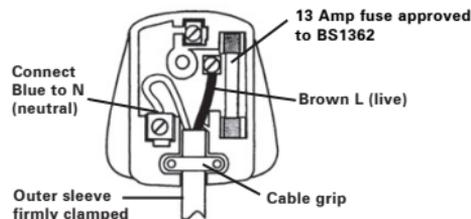
As the colors of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows. The wire which is coloured blue must be connected to the terminal which is marked with N. The wire which is coloured brown must be connected to the terminal which is marked with L.



WARNING:

Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved BS1363/A plug and the correct rated fuse.

NOTE: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.



DECLARATION OF CONFORMITY

We,
Positec Power Tools (Europe) Ltd,
PO Box 6242, Newbury, RG14 9LT, UK

Declare that the product

Description **Cordless screwdriver**

Type **CSD40S1 (CSD-designation of machinery, representative of Cordless screwdriver)**

Function **Tightening and loosening screws, nuts**

Complies with the following Directives,
2006/42/EC, 2011/65/EU, 2014/30/EU, 2014/35/EU

Standards conform to
EN 55014-1, EN 55014-2, EN 60745-1, EN 60745-2-2, EN 60335-1, EN 60335-2-29, EN 62233, EN 61000-3-2, EN 61000-3-3,

The person authorized to compile the technical file,

Name **Jim Kirkwood**

Address **Positec Power Tools (Europe) Ltd,
PO Box 6242, Newbury, RG14 9LT, UK**



2017/11/24

Allen Ding

Deputy Chief Engineer, Testing & Certification

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