



Instruktionsbok

**Sladdlös
borrskruvdragare**

Manual

Cordless drill

BCD - 1013

Code no. 19694 - 0209

ENGLISH

Original instructions

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1. INTRODUCTION



Read the operating instructions carefully before using this device. Familiarise yourself with its functions and basic operation. Service the device as per the instructions to ensure that it always functions properly. The operating instructions and the accompanying documentation must be kept in the vicinity of the device.

2. TECHNICAL SPECIFICATIONS

Voltage.....	V	10.8
Charger voltage.....	V	230
Charger frequency.....	Hz	50
Battery output.....	Ah	1.3
Charging time.....	hour	3-5
Drill speeds.....		2

No-load speed

Position I.....	r/min	0-350
Position II.....	r/min	0-1250
Chuck capacity.....	mm	10
Lpa (acoustic pressure).....	dB(A)	68+3
Lwa (acoustic power).....	dB(A)	79+3
Vibration.....	m/s ²	2.25+1.5

Vibration level

The vibration emission level stated in this instruction manual has been measured in accordance with a standardised test given in EN 60745; it may be used to compare one tool with another and as a preliminary assessment of exposure to vibration when using the tool for the applications mentioned.

- Using the tool for different applications, or with different or poorly maintained accessories, may significantly increase the exposure level.
- The times when the tool is switched off or when it is running but not actually doing the job, may significantly reduce the exposure level.

Protect yourself against the effects of vibration by maintaining the tool and its accessories, keeping your hands warm, and organizing your work patterns.

3. CONTENTS OF PACKING

- 1 Cordless drill
- 1 Battery
- 1 Battery charger
- 12 Bits
- 1 Operating instructions
- 1 Safety instructions

Check the appliance, any loose parts and accessories for damage caused during transport.

4. PRODUCT INFORMATION



Fig. 1

1. On/off switch
2. Speed selector switch
3. Torque setting ring
4. Chuck
5. Battery
6. Direction switch



5. SAFETY INSTRUCTIONS

Explanation of the symbols



Denotes risk of personal injury, loss of life or damage to the tool in case of nonobservance of the instructions in this manual.



Indicates electrical shock hazard.



The number of revolution of the machine can be electronically set.



Do not use in rain.



Indoor use only



Li-ion

Li-Ion batteries can be recycled. Drop them off at a disposal center for chemical wastes, so that they can be recycled or disposed of in an eco-friendly manner.



Do not dispose of in household waste.



Faulty and/or discarded electrical or electronic apparatus have to be collected at the appropriate recycling locations.

5.1 Specific safety instructions

- This appliance is not intended for use by persons (including children) with reduced sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Hold the machine by the insulated gripping surfaces where the accessory may contact hidden wiring or the mains cable. If the accessory contacts a 'live' wire, the exposed metal parts of the machine can also become 'live'. Risk of electric shock.

5.2 Important safety notes on charger and batteryblok



If you come into contact with acid from the battery block, rinse it off with water immediately. If acid gets into your eyes, rinse out your eyes at

once with water and contact a doctor immediately!

- Read and note the operating instructions and safety notes for the charger and battery block before use!
- NB! Only use the charger and battery block that were supplied by the manufacturer - otherwise you will risk an accident.
- Protect the charger, battery block and power tool from moisture, e.g. rain or snow.
- Always check that all cables are connected correctly before using the charger.
- If you discover that a cable is damaged, you should not use the charger again. Have the damaged cable replaced immediately.
- When the charger is not in use, the mains plug should be removed from the power socket. Do not pull out the plug by grasping the cable.
- If the charger has been dropped or has otherwise been exposed to high mechanical stresses, you should have it checked for damage by an authorised dealer before using it again. Damaged parts should be repaired.
- Exercise caution when handling the battery block and do not drop it or expose it to impacts.
- Never attempt to repair the charger or battery block yourself. Repairs must always be carried out by an authorised dealer - otherwise you risk an accident.
- Before cleaning or servicing the charger or battery block, always pull the plug from the charger socket.
- Never charge the battery block when the ambient temperature is below 5 °C or above 40°C.
- The air vents in the charger must never be blocked.
- The battery block must not be short-circuited.



A short-circuit will cause a high current to flow. This may result in overheating, the danger of fire or explosion of the battery block.

This may damage the battery block or the user may risk an accident.

Therefore:

- Do not connect any cables to the poles of the battery block.
- Take care that there are no metal objects (nails, paper clips, coins, etc.) on the contact surface of the battery block.
- Do not expose the battery block to water or rain.
- Only use the battery block supplied in combination with this cordless drill/ screwdriver so as to avoid faults and/or risks to persons.
- A damaged battery block or one that can no longer be charged must be disposed of as special waste. Do not discard it with household waste.
- Never throw the battery block onto a fire or into water. This will risk explosion!

5.3 Electrical safety



Always check that the voltage on the batterypack corresponds to the voltage on the rating plate. Also check that your mains voltage corresponds to the input voltage of the battery charger.



The battery charger is double insulated in accordance with EN60335; therefore no earth wire is required.

5.4 Replacing cables or plugs

Immediately throw away old cables or plugs when they have been replaced by new ones. It is dangerous to insert the plug of a loose cable in the wall outlet.

- Remove the battery block. When the power tool is not being used, prior to maintenance and when changing tools such as the clamping chuck, and drill.
- The tool is suitable for use as a screwdriver

and drill. Any other application is specifically excluded.

6. MOUNTING ACCESSORIES



Prior to mounting an accessory always remove the battery.

6.1 Fitting and removing drill cutters (Fig. 2)



Fig. 2

In addition to drills, the tool can also accommodate screwdriver bits with a hexagonal shaft.

- Loosen the drill chuck (4) by rotating the hand-grip (9).
- Insert the shaft of the drill cutter into the chuck.
- Tighten the drill chuck so that the drill cutter is firmly clamped.
- Rotate the drill chuck in the opposite direction when you wish to change the cutter.

6.2 Connecting and removing the battery (Fig. 3)



Fig. 3



Ensure that the exterior of the battery block or tool is clean and dry before connecting the charger.

- Ensure that the direction reversing switch (6 Fig. 1) is in the central position in order to prevent the appliance from being switched on unexpectedly.
- Insert the battery (5) into the base of the appliance, as shown on the illustration. Push the battery until it latches in.
- Press the locking buttons (10) on both sides before removing the battery, and disengage the battery from the base of the appliance.

7. OPERATION



Always follow the safety notes and the relevant safety code.

Hold the appliance firmly and press the drill steadily onto the workpiece. Do not overload the appliance. Only use drills with no visible wear. Worn drills will have a bad effect on the functioning of the appliance.

7.1 Adjusting the speed (Fig. 4)



Fig. 4

- For slow drilling or for driving or removing screws, set the speed selection switch (2) to '1'.
- For fast drilling set the speed selection switch to '2'.



Never switch over when the motor is running!

7.2 Adjusting the torque

- Set the torque adjustment ring (3) to the desired position. The available torque settings are indicated on the adjustment ring by the numbers 1 to 22 and by dots between the figures to define intermediate settings (22 in total).
- You should preferably choose as low a setting as possible when using the screwdriver. Select a higher setting if the motor slips.

7.3 Driving and removing screws

- Set the direction reversing switch (6) to position 'R' in order to drive screws.
- Set the direction reversing switch to position 'L' in order to remove screws.

7.4 Drilling

- Rotate the torque adjustment ring (3) to the drilling position.



Ensure that the direction reversing switch (6) is always set to 'R' during drilling.

7.5 Switching the device on and off (Fig. 1)

- Depress the on/off switch (1). It regulates the speed of the appliance by transmitting power to the switch.
- Release the on/off switch (1) to halt the drill chuck immediately which will no longer run on.
- Move the direction reversing switch (6) to the centre in order to lock the appliance in its disabled state.

Only lay down the appliance when it has stopped running completely. Do not place it on a dusty surface as particles of dust could get into the mechanism.

7.6 Charging the battery

- Place the battery inside the charger, as shown on the illustration. Pay attention to + and - pole markings.
- Insert the charger plug into a power socket. The red rapid charging lamp should now be illuminated.
- As soon as the green trickle charging lamp lights up, charging has been completed and the device is ready for operation.



Only use the charger in a dry environment at temperatures between 5°C and 40°C.

The battery in your drill was not charged up at the factory. Before using it for the first time, you should charge it for approx. 1 – 2 hours so that it reaches full capacity. The final capacity of the battery is reached after 4 – 5 battery cycles.

One advantage of using Lithium-Ion batteries is that, until the battery is almost empty, hardly any power fading is noticeable. The machine can be used until you start noticing that the power of the drill is elapsed. The battery is discharged now and needs to be charged.

Lithium-Ion cells can be stored for a long period without losing much of their charge. When the machine is not being used over a longer period of time, it is best to store the battery in charged condition.



When the cordless drill is not being used over a longer period of time, the battery has to be charged fully first. The battery has to be stored in charged condition.

8. SERVICE & MAINTENANCE



Make sure that the machine is not live when carrying out maintenance work on the motor.

The machines have been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper machine care and regular cleaning.

8.1 Cleaning

Keep the ventilation slots of the machine clean to prevent overheating of the engine. Regularly clean the machine housing with a soft cloth, preferably after each use. Keep the ventilation slots free from dust and dirt. If the dirt does not come off use a soft cloth moistened with soapy water. Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

8.2 Lubrication

The machine requires no additional lubrication.

8.3 Faults

Should a fault occur, e.g. after wear of a part, please contact the service address on the warranty card. In the back of this manual you find an exploded view showing the parts that can be ordered.

8.4 Environment

To prevent damage during transport, the appliance is delivered in a solid packaging which consists largely of reusable material. Therefore please make use of options for recycling the packaging.

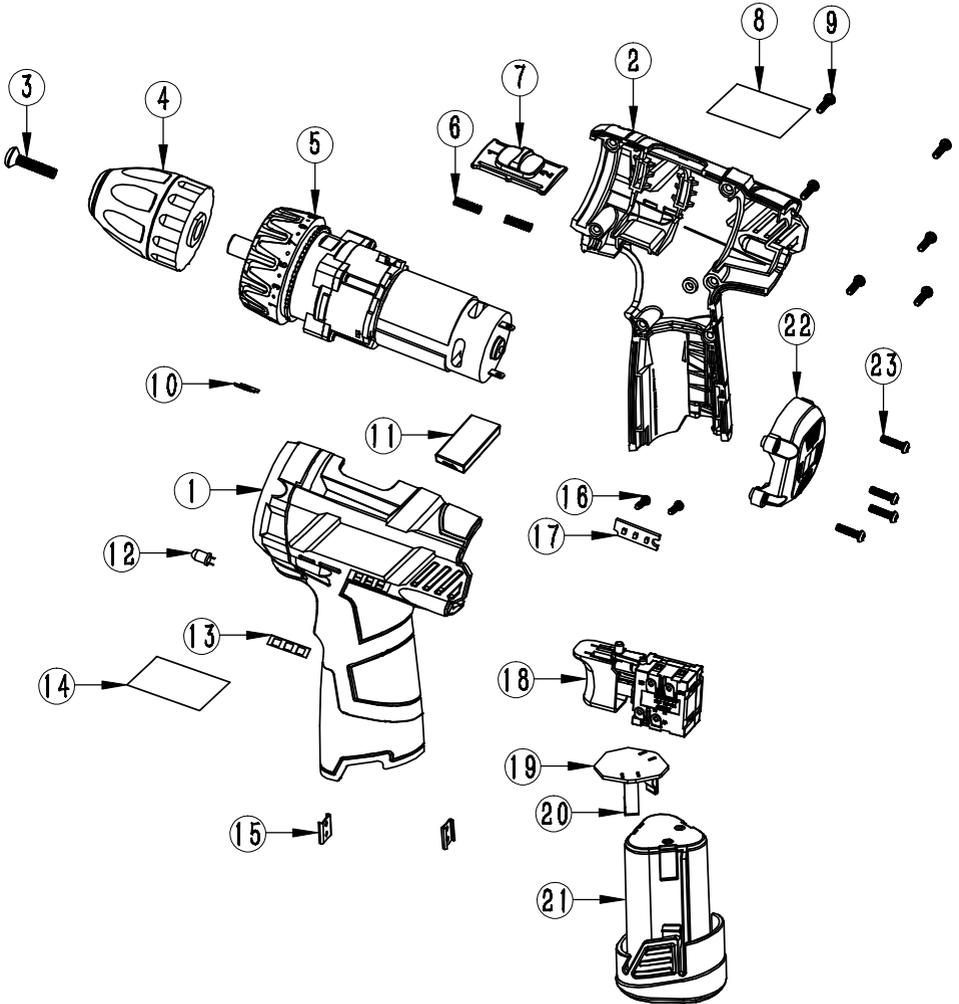


Faulty and/or discarded electrical or electronic apparatus have to be collected at the appropriate recycling locations.

8.5 Guarantee

Warranty conditions and product liability apply according to national legislation.

BCD-1013 DIAGRAM





BCD-1013 PART LIST

No.	Description	Specification	Qty	No.	Description	Specification	Qty
1	Left housing		1	13	Lucid paster		1
2	Right housing		1	14	Brand level		1
3	screw	M5×23	1	15	Fastener		2
4	Keyless Chuck		1	16	screw	ST2.6×5	2
5	Gear box Ass'Y		1	17	Battery indicator PCB		1
6	Spring		2	18	Switch Ass'Y		1
7	Speed change level		1	19	Contact plate holder		1
8	Label	1		20	Contact plate		2
9	screw	ST3×16	7	21	Battery pack		1
10	Stapming spring plate		1	22	Rear housing		1
11	F/R level		1	23	screw	ST3×16	4
12	LED light		1				



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