"Caution - Read the operating instructions to reduce the risk of inquiry"

Wear ear-muffs.
The impact of noise can cause damage to hearing.

Wear a breathing mask.
Dust which is injurious to health can be generated when working on wood and other materials.
Never use the device to work on any materials containing asbestos!

Wear safety goggles.
Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

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⚠ Important!
When using equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well.
We accept no liability for damage or accidents which arise due to non-observance of these instructions and the safety information.

1. Safety information

Please refer to the booklet included in delivery for the safety instructions.

⚠ CAUTION!
Read all safety regulations and instructions.
Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.
Keep all safety regulations and instructions in a safe place for future use.

2. Layout/Items supplied (Fig. 1)

2.1 Layout
1. Torque selector
2. Quick-change drill chuck
3. Changeover switch
4. ON/OFF switch
5. Battery pack
6. Battery charger
7. Charging adapter
8. Pushlock button

2.2 Items supplied
- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

IMPORTANT
The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

- Cordless Drill
- Battery pack
- Battery charger
- Charging adapter
- Original operating instructions
- Safety instructions

3. Proper use

The cordless drill/screwdriver is designed for tightening and undoing screws, as well as for drilling in wood, metal and plastic.

The machine is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

4. Technical data

Voltage supply	18 V d.c.
Idling speed:	0-550 rpm
Torque settings:	21+1
Forward and reverse rotation	yes
Chuck clamping width	max. 10 mm
Battery charging voltage	21 V d.c.
Battery charging current	0.4 A
Mains voltage for charger	230 V ~ 50 Hz
Charging time:	max. 3-5 hours
Battery type:	NiCd
Weight	1.70 kg

Sound and vibration

Sound and vibration values were measured in accordance with EN 60745.

L_{pA} sound pressure level	70 dB(A)
K_{pA} uncertainty	3 dB
L_{WA} sound power level	81 dB(A)
K_{WA} uncertainty	3 dB

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Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

Drilling in concrete
Vibration emission value $a_h \leq 2{,}5$ m/s²
K uncertainty = 1,5 m/s²

Screwing without hammer action
Vibration emission value $a_h \leq 2{,}5$ m/s²
K uncertainty = 1,5 m/s²

Additional information for electric power tools

Warning!
The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

Keep the noise emissions and vibrations to a minimum.
- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.

Residual risks
Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be rules out. The following hazards may arise in connection with the equipment's construction and layout:
1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

5. Before starting the equipment

Be sure to read the following information before you use your cordless screwdriver for the first time:
1. Charge the battery pack only with the charger supplied.
2. Only ever use sharp drill bits and screwdriver bits which are suitable for the purpose and in faultless condition.
3. Always check for concealed electric cables and gas and water pipes when drilling and screwing in walls.

6. Operation

6.1 Charging the battery pack (Fig. 2/3)
1. Take the rechargeable battery pack out of the handle (Fig. 2), pressing the pushlock buttons at the side to do so.
2. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Plug the battery charger in the socket.
3. Plug the battery pack into the charging adapter. The LED (a) will come on to indicate that the battery pack is being charged. The temperature of the battery pack may rise slightly during the charging operation. This is normal.
   Important! The battery charger does not switch off automatically when the battery is fully charged.

If the battery pack fails to become charged, please check
- whether there is voltage at the socket-outlet
- whether there is proper contact at the charging contacts on the charger.

If the battery still fails to become charged, please return

- the charger
- the battery pack

to our Customer Service Department.

To ensure that the battery pack provides long service, you should take care to recharge it promptly. You must recharge the battery pack when you notice that the power of the cordless screwdriver drops.

Never fully discharge the battery pack. This will cause it to develop a defect!

6.2 Torque setting (Fig. 4 / Item 1)
The cordless screwdriver is fitted with a mechanical torque selector.

The torque for a specific size of screw is selected with the set-collar (1). The correct torque depends on several factors:

- on the type and hardness of material in question
- on the type and length screws used
- on the requirements needing to be met by the screwed joint.

The clutch disengages with a grating sound to indicate when the set torque is reached.
Important! The tool must be at a standstill when you set the torque with the setting ring.

6.3 Drilling (Fig. 4 / Item 1)
For drilling purposes, move the set-collar to the last step „Drill“. In this setting the slip clutch is inactive. The maximum torque is available in drilling mode.

6.4 Forward/Reverse switch (Fig. 5 / Item 3)
With the slide switch above the On/Off switch you can select the direction of rotation of the battery-powered drill/screwdriver and secure it against being switched on accidentally. You can choose between clockwise and anticlockwise rotation. To avoid causing damage to the gearing it is advisable to change the direction of rotation only when the tool is at a standstill. The On/Off switch is blocked when the slide switch is in centre position.

6.5 On/Off switch (Fig. 5 / Item 4)
Infinitely variable speed control is possible with the On/Off switch. The further you press the switch, the higher the speed of the battery-powered drill/screwdriver.

6.6 Changing the tool (Fig. 6)
Important! Set the changeover switch (3) to its centre position whenever you carry out any work (for example changing the tool, maintenance work, etc.) on the cordless screwdriver.

- Open the chuck (2). The chuck opening (a) must be large enough to hold the tool (drill bit or screwdriver bit).
- Select the suitable tool. Push the tool as far as possible into the chuck opening (a).
- Tighten the chuck (2) and then check that the tool is secure.

6.7 Screwdriving
We recommend using self-centering screws (e.g. Torx screws, recessed head screws) designed for reliable working. Be sure to use a bit that matches the screw in shape and size. Set the torque, as described elsewhere in these operating instructions, to suit the size of screw.

7. Cleaning, maintenance and ordering of spare parts

Always pull out the mains power plug before starting any cleaning work.

7.1 Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device.

7.2 Maintenance
There are no parts inside the equipment which require additional maintenance.

7.3 Ordering replacement parts
Please quote the following data when ordering replacement parts:
- Type of machine
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required

For our latest prices and information please go to www.isc-gmbh.info

8. Disposal and recycling

The unit is supplied in packaging to prevent its being damaged in transit. This packaging is raw material and can therefore be reused or can be returned to the raw material system.
The unit and its accessories are made of various types of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.

9. Storage

Store the equipment and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.