Einhell SPK13 Cordless Angle Drill





Einhell SPK13 Cordless Angle Drill Instruction Manual

Home » Einhell » Einhell SPK13 Cordless Angle Drill Instruction Manual



Contents

- 1 Einhell SPK13 Cordless Angle Drill
- 2 Specifications
- **3 Product Usage Instructions**
- 4 Safety regulations
- 5 Layout and items supplied
- 6 Proper use
- 7 Technical data
- 8 Before starting the equipment
- 9 Operation
- 10 Cleaning, maintenance, and ordering of spare
- 11 Disposal and recycling
- 12 Charger indicator
- **13 Service Information**
- 14 Warranty certifi cate
- **15 FAQ**
- 16 Documents / Resources
 - 16.1 References



Einhell SPK13 Cordless Angle Drill



Specifications

• Voltage: 18V dc

• No-load Speed: 0-1100 min-1

• Rotation: Right/Left

• Chuck Capacity: 0.8-10mm

• Weight: 1.2 kg

Sound Pressure Level: 75.96 dB(A)
Sound Power Level: 83.96 dB(A)

• Vibration (Drilling in Metal): 1,846 m/s²

Product Usage Instructions

Safety Precautions

Ensure all safety precautions are followed, including removing packaging and transport locks before use.

Technical Data

Refer to the specifications provided for voltage, speed, chuck capacity, weight, sound levels, and vibration values.

Before Starting

Prior to using the cordless angle drill, read and understand all provided instructions. Charge the battery using the supplied charger.

Operation

To check battery status, observe the LED indicators on the drill: All LEDs lit indicate full charge, and one blinking LED indicates low battery.

Tool Change

When changing tools or performing maintenance, ensure the direction switch is in the middle position. The drill features a quick-release chuck with automatic spindle lock.

Cleaning, Maintenance, and Parts Replacement

Before cleaning, always unplug the tool. Clean the drill after each use. Refer to the manufacturer's website for spare parts and maintenance information.

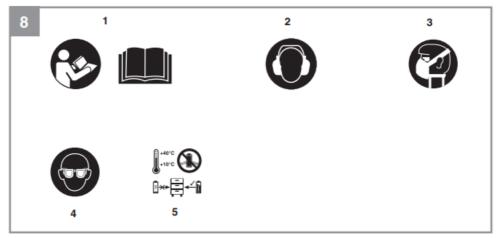
Disposal and Recycling

Follow appropriate guidelines for the safe disposal and recycling of the cordless angle drill.

Danger!

When using the equipment, a few safety pre-cautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the in-formation is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

Explanation of the symbols used (see Fig. 8)



- 1. Danger! Read the operating instructions to reduce the risk of injury.
- 2. Caution! Wear ear-muff s. The impact of noise can cause hearing damage.
- 3. Caution! 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 materi-als containing asbestos!
- 4. Caution! Wear safety goggles. Sparks ge-nerated during working or splinters, chips and dust emitted by the device can cause loss of sight.
- 5. Store the batteries only in dry rooms with an ambient temperature of +10°C to +40°C. Place only fully charged batteries in storage (charged at least 40%).

Safety regulations

The corresponding safety information can be found in the enclosed booklet.

Warning!

- Read all the safety information, instructions, illustrations, and technical data provided on or with this power tool. Failure to adhere to the following instructions may result in electric shock, fi re, and/or serious injury.
- Keep all the safety information and instructions in a safe place for future use.

Layout and items supplied

Layout (Fig. 1)



- 1. Quick-change drill chuck
- 2. Direction of rotation switch
- 3. On/Off switch
- 4. Release button
- 5. LED lamp
- 6. Battery pack (not included in delivery)
- 7. Charger (not included in delivery)

Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equip-ment 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 suff ocating!

- · Cordless Angle Drill
- · Original operating instructions
- · Safety instructions

Proper use

- The cordless angle drill is designed for tightening and undoing screws, as well as for drilling in wood, metal, and plastic.
- The equipment 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 inju-ries 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.

Technical data

Voltage supply	18 V d.c.
Idling speed:	0-1100 rpm
Forward and reverse rotation	yes
Chuck clamping width	0.8-10 mm
• Weight	1.2 kg

Danger: Sound and vibration

Sound and vibration values were measured per EN 62841.

LpA sound pressure level	75.96 dB(A)
KpA uncertainty	5 dB
• LWA sound power level	83.96 dB(A)
KWA uncertainty	5 dB

Wear ear-muff s.

- The impact of noise can cause damage to hea-ring.
- Total vibration values (vector sum of three direc-tions) determined in accordance with EN 62841.

Drilling in metal

- Vibration emission value ah = 1.846 m/s2
- K uncertainty = 1.5 m/s2
- The stated vibration emission levels and stated noise emission values were measured by a set of standardized criteria and can be used to compare one power tool with another.
- The stated vibration emission levels and stated noise emission values can also be used to make an initial assessment of exposure.

Warning

The vibration and noise emission levels may vary from the level specifi ed during actual use, depending on how the power tool is used, especially the type of workpiece it is used for.

Keep the noise emissions and vibrations to a minimum

- Only use appliances that 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 ne-cessary.
- Switch the appliance off when it is not in use.

Caution: Residual risks

Even if you use this electric power tool by instructions, certain residual risks cannot be ruled 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.

Limit the operating time.

All stages of the operating cycle must be considered (for example, times in which the electric tools are switched off and times in which the tool is switched on but operates without load).

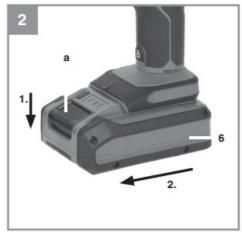
Before starting the equipment

Be sure to read the following information before you use your cordless screwdriver for the first time:

- 1. Charge the battery pack with the charger sup-plied.
- 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.

Operation

Charging the LI battery pack (Fig. 2-3)





- 1. Remove the battery pack (6) from the handle, pressing the pushlock buttons (a) downwards to do so.
- 2. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the power plug of the charger (7) into the mains socket outlet. The green LED will then begin to fl ash.
- 3. Push the battery pack onto the battery charger.

In section 10 "Charger indicator" you will find a table with an explanation of the LED indicator on the charger. If the battery pack fails to become charged, please check

- · whether there is the voltage at the socket outlet
- and whether there is proper contact at the charging contacts on the charger.

If the battery still fails to become charged, please return

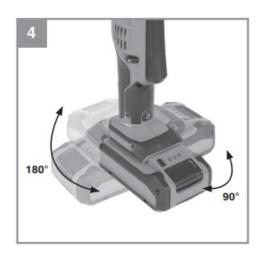
- the charger
- and the battery pack to our Customer Service Department.

To ensure that items are properly packaged and delivered when you send them to us, please contact our customer service or the point of sale at which the equipment was purchased.

When shipping or disposing of batteries and cordless tools, always ensure that they are packed individually in plastic bags to prevent short circuits and fi res.

To ensure that the battery pack provides long ser-vice, you should take care to recharge it promptly. You must recharge the battery pack when you notice that the performance of the device drops. Never allow the battery pack to become fully di-scharged. This will cause it to develop a defect.

Turning the drill head (Fig. 4)



- The cordless angle drill features a swiveling drill head that enables you to fasten the drill head in four different positions (Fig. 4).
- To swivel the drill head, press and hold the release button (4). You can then swivel the drill head into the required position.

Forward/Reverse switch (Fig. 5/Item 2)



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 advisa-ble to change the direction of rotation only when the tool is at a standstill. The On/Off switch is blo-cked when the slide switch is in centre position.

On/Off switch (Fig. 5/Item 3)

Infi nitely variable speed control is possible with the On/Off switch. The further you push the switch, the higher the speed of the cordless angle drill.

Battery capacity indicator (Fig. 6 – Item c)



Press the battery capacity indicator switch (b). The battery capacity indicator (c) shows the charge status of the battery using 3 LEDs.

All 3 LEDs are lit:

The battery is fully charged.

or 1 LED(s) are lit:

The battery has an adequate remaining charge.

LED fl ashes:

The battery is empty, recharge the battery.

All LEDs blink:

The battery temperature is too low. Remove the battery from the equipment, and keep it at room temperature for one day. If the fault reoccurs, this me-ans that the rechargeable battery has undergone exhaustive discharge and is defective. Remove the battery from the equipment. Never use or charge a defective battery.

LED lamp (Fig. 5/Item 5)

The LED lamp (5) can be used in poor lighting conditions to illuminate the area where you want to drill or screw. The LED lamp (5) will be lit au-tomatically as soon as you press the ON/OFF switch (3).

Changing the tool (Fig. 7)



is Important. Set the changeover switch (2) to its centre position whenever you carry out any work (for example changing the tool, maintenance work, etc.) on the cordless screwdriver.

- The cordless screwdriver is fitted with a quick-action chuck (1) with an automatic spindle stop.
- Open the chuck (1). The chuck opening (d) 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 (d).
- Tighten the chuck (1) and then check that the tool is secure.

Screwdriving

We recommend using self-centering screws (e.g. 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.

Cleaning, maintenance, and ordering of spare parts

Danger: Always pull out the battery pack before starting any cleaning work.

Cleaning

- Keep all safety devices, air vents, and 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. The ingress of water into an electric tool increases the risk of an electric shock.

Maintenance

There are no parts inside the equipment that require additional maintenance.

Ordering spare parts and accessories

Please provide the following information when ordering spare parts:

- · Type of unit
- · Article number of the unit
- ID number of the unit
- Spare part number of the required spare part For our latest prices and information please go to www.Einhell-service.com



Tip! For good results we recommend high-quality ac-cessories from ! www.kwb.eu welcome@kwb.eu

Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask your local council offices.

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.

Charger indicator

Indicator status		Explanations and actions	
Red LED	Green LED	Explanations and actions	
Off	Flashing	Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger	

On	Off	Charging The charger is charging the battery pack in quick charge mode. The charging times are shown directly on the charger. Important! The actual charging times may vary slightly from the stated charging times depending on the existing battery charge.
		The battery is charged and ready for use. (READY TO GO)
Off		The unit then changes over to gentle charging mode until the battery is fully charged.
	On	To do this, leave the rechargeable battery on the charger for approx. 15 minutes I onger.
		Action:
		Take the battery pack out of the charger. Disconnect the charger from the main su pply.
		Adapted charging
		The charger is in gentle charging mode.
Flashing		For safety reasons, the charging is performed less quickly and takes more time. T he reasons can be:
	Off	- The rechargeable battery has not been used for a very long time.
		- The battery temperature is outside the ideal range.
		Action:
		Wait for the charging to be completed; you can still continue to charge the battery pack.
		Fault
Flashing		Charging is no longer possible. The battery pack is defective.
	Flashing	Action:
		Never charge a defective battery pack. Take the battery pack out of the charger.
On	On	Temperature fault
		The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C).
		Action:
		Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .
	•	·

For EU countries only

• Never place any electric power tools in your household refuse.

- To comply with European Directive 2012/19/EU concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.
- Recycling alternative to the return request:
- As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must
 make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old
 equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with
 the national recycling and waste disposal regulations. This does not apply to any accessories or aids without
 electrical components supplied with the old equipment.
- Please note that batteries and lamps (e.g. light bulbs) must be removed from the tool before it is disposed of.
- The reprinting or reproduction by any other means, in whole or in part, of documentation and papers accompanying products is permitted only with the express consent of the Einhell Germany AG.

Subject to technical changes.

Service Information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Drill chuck, Battery
Consumables*	Bit inserts/drill bits
Missing parts	

Not necessarily included in the scope of delivery!

In the eff ect of defects or faults, please register the problem on the internet at <u>www.Einhell-Service.com</u>. Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.

Warranty certifi cate

Dear Customer,

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that this equipment develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the service number shown. Please note the following terms under which guarantee claims can be made:

1. These guarantee terms apply solely to consumers, i.e. natural persons, who do not want to use this pro-duct in connection with either their commercial or other self-employed activities. These guarantee terms regulate

- additional guarantee services that the undermentioned manufacturer promises to buyers of its new products in addition to their statutory rights of guarantee. Your statutory rights of guarantee are not affected by this guarantee. Our guarantee is free of charge to you.
- 2. The guarantee services cover only defects due to material or manufacturing faults on the new product that you have bought in the European Union from the undermentioned manufacturer and are limited to either the rectification of said defects or the replacement of the product, whichever we prefer. Please note that only equipment under the brand name "Professional" has been designed for use in commercial, trade, or professional applications. For all other products, the guarantee is invalidated if the equipment is used within the guarantee period in commercial, trade, or industrial applications or for other equivalent activities.
- 3. Our guarantee does not cover:
 - Damage to the equipment caused by failure to comply with the installation/assembly instructions or by unprofessional installation; damage caused by failure to comply with the operating instructions (e.g. connection to the wrong mains voltage or current type); damage caused by failure to comply with the maintenance and safety regulations; damage caused by exposing the equipment to abnormal environmental conditions; damage resulting from poor care and maintenance.
 - Damage to the equipment caused by misuse or incorrect applications (e.g. overloading the equipment or using non-approved attachments or accessories); damage caused by foreign bodies (e.g. sand, stones, dust,) getting inside the equipment. Damage in transit; damage caused by force or external influences (e.g. by dropping the equipment).
 - Damage to the equipment or parts of the equipment which is owed to use-related, normal or otherwise
 natural wear. For example, batteries and battery packs are manufactured with a cycle limit for designrelated reasons. Wear is negatively influenced in particular by load demands and charging speeds as
 well as exposure to heat, cold, vibration, and impact.
- 4. The guarantee is valid for 2 years starting from the purchase date of the equipment. Guarantee claims must be submitted before the end of the guarantee period and within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the equipment even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or for any replacement parts fitted. This also applies if on-site service is used.
- 5. To assert your guarantee claim, register the defective equipment at: www.Einhell-Service.com. You will need to provide proof of purchase of the new item of equipment. Equipment returned without such proof or a rating plate is excluded from the guarantee services because of the lack of traceability. If the defect is covered by our guarantee, then either the item in question will be repaired immediately and returned to you or we will send you a new replacement.
- 6. If you have taken the equipment with you to a diff recent EU country than where you bought it, we will arrange for a local service partner to provide the guarantee services. If you take the equipment outside the EU, the guarantee will not apply.
 - Of course, we are also happy to offer a chargeable repair service for any defects which are not covered or are no longer covered by the scope of this guarantee. To take advantage of this service, please send the equipment to our service address. We draw attention to the restrictions of this guarantee concerning wear parts, consumab-les and missing parts as presented in the service information included in this operating manual.

Warrantor/ Service

- Einhell UK Ltd, Unit 10, 1st Floor, Champion's Business Park, Arrowe Brook Road, Upton, Wirral, CH49 0UQ
- Declaration of conformity: We declare conformity by the EU directive and standards for article

Akku-Winkelbohrschrauber* TE-AD 18 Li (Einhell)

□ 2014/29/EU □ 2005/32/EC_2009/125/EC □ (EU)2015/1188 □ 2014/35/EU □ 2006/28/EC ☒ 2014/30/EU □ 2014/32/EU □ 2014/53/EU □ 2014/68/EU □ (EU)2016/426 Notified Body: □ (EU)2016/425 ☒ 2011/65/EU_(EU)2015/863	X 2006/42/EC Annex IV Notified Body: Reg. No.: 2000/14/EC_2005/88/ Annex V Annex VI Noise: measured L _{WA} = P = kW; L/Ø = cm Notified Body: 2012/46/EU_(EU)201 Emission No.:	dB (A); guaranteed L _{WA} = dB (A)
Standard references: EN 62841-1; EN 62841-2-1; EN IEC 55014-1; EN IEC 55014-2		
ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar		
Landau/Isar, den 16.08.2023	as Weichselgartber/General-Manager	Nigel Yang/Product-Management
First CE: 2023 ArtNo.: 45.142.90 INo.: 21012 Subject to change without notice		Archive-File/Record: NAPR025436 Documents registrar: Christoph Egginger Wiesenweg 22, D-94405 Landau/Isar

GB Cordless Angle Drill

Declaration of conformity

We, Einhell UK Ltd

Champions Business Park, First Floor Unit 10, Arrowe Brook Rd, Upton, Wirral CH49 0AB, United Kingdom declare the conformity to UK standards and legislation was assessed for:

Cordless Angle Drill TE-AD 18 Li (Einhell)

UK legislation	
Simple Pressure Vessels (Safety) Regulation	X Electromagnetic Compatibility Regulation
Electrical Equipment (Safety) Regulation	Measuring Instruments Regulation
Radio Equipment Regulation	Pressure Equipment (Safety) Regulation
Personal Protective Equipment Regulation	
☐ The Ecodesign for Energy-Related Products and Energy	Information Regulation
X The Restriction of the Use of Certain Hazardous Substan	nces in Electrical and Electronic Equipment Regulation
☐ Noise Emission in the Environment by Equipment for us	e Outdoors Regulation
Annex V	
Annex VI	
Noise: measured $L_{WA} = dB$ (A); guaranteed $L_{WA} = dB$ (A) P = kW; L/Ø = cm	
UK Approved Body:	
X Supply of Machinery (Safety) Regulation	
Annex IV	
UK Approved Body:	
UKTE Certificate No.:	
Standards: BS EN 62841-1; BS EN 62841-2-	1; BS EN IEC 55014-1; BS EN IEC 55014-2
\sim \sim 1	
Can hard	
Wirral, 2023.08.16 Tom Chambers, Managing Director Einhell UK Ltd.	
Article Number: 45.142.90	Archive-File/Record: NAPR025436 Documents registrar: Christoph Egginger
Subject to change without notice	Wiesenweg 22, 94405 Landau/Isar, Germany
FAQ	
Q: How do I know when the battery is fully charged?	
A: When all three LEDs are illuminated, the battery is ful	ly charged. If one LED is blinking, it indicates a low
battery that needs recharging.	
O. What abauld I do before cheers!	
Q: What should I do before changing the tool?	
A: Ensure the direction switch is in the middle position b	efore any tool-related tasks to prevent accidents.



<u>Einhell SPK13 Cordless Angle Drill</u> [pdf] Instruction Manual SPK13 Cordless Angle Drill, SPK13, Cordless Angle Drill, Angle Drill

References

- **Einhell Service**
- B service.com is for sale | www.brandforce.com
- VICE VICE is the definitive guide to enlightening information.
- Einhell Service
- E Herramientas de alta calidad para aficionados al bricolaje y la jardinería | Einhell.es
- E Strumenti di alta qualità per gli amanti del Fai da Te e del giardinaggio | Einhell.it
- kwb Germany GmbH
- Que Faire de mes Déchets ? Découvrez les solutions pour tous vos déchets et nos conseils pour en produire moins.
- User Manual

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.