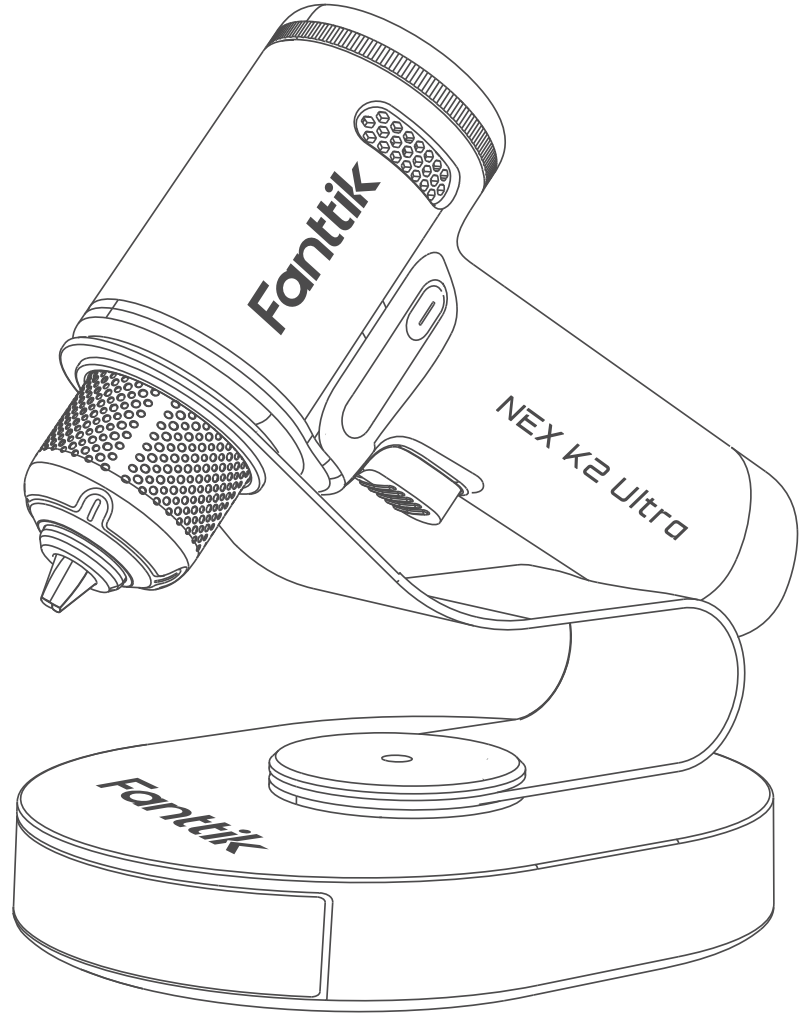
Fanttik

NEX K2 Ultra Brushless Cordless Drill



Please read this instruction manual carefully
before use and retain it for future reference.

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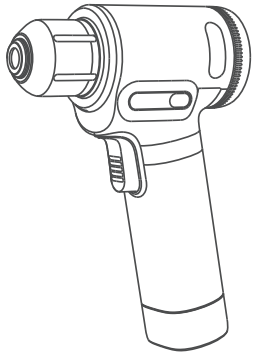
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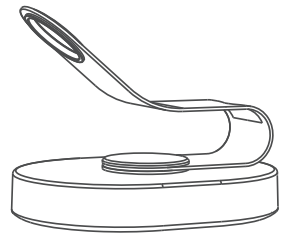
1.Safety Warnings

- Avoid moisture, dust, and drop.
- Do not store the product in an extreme temperature environment.
- Stay alert, watch what you are doing and use common sense when operating. Do not operate while you are tired or under the influence of drugs, alcohol or medication.
- This product is not a toy and should not be used by kids under 12 years old.
- This product has built-in battery, do not throw it into fire and should be recycled by local laws and regulations.
- Do not dismantle the machine by yourself. Have your power tool serviced by a qualified repair person or contact us for advice.

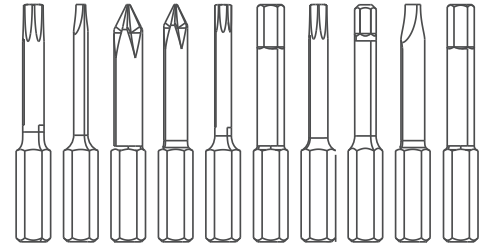
2.Package Content



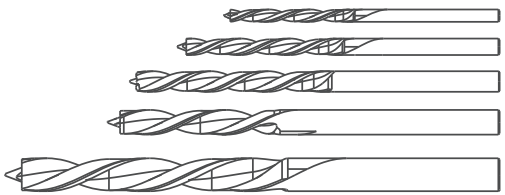
Cordless drill x 1



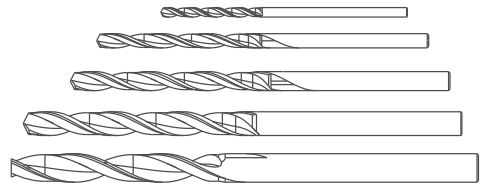
All-in-One Storage stand x 1



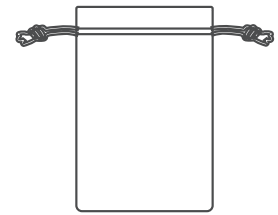
Screwdriver bit x 10



Wood drill bit x 5



Metal drill bit x 5



Storage bag x 1



USB-C charging cable x 1



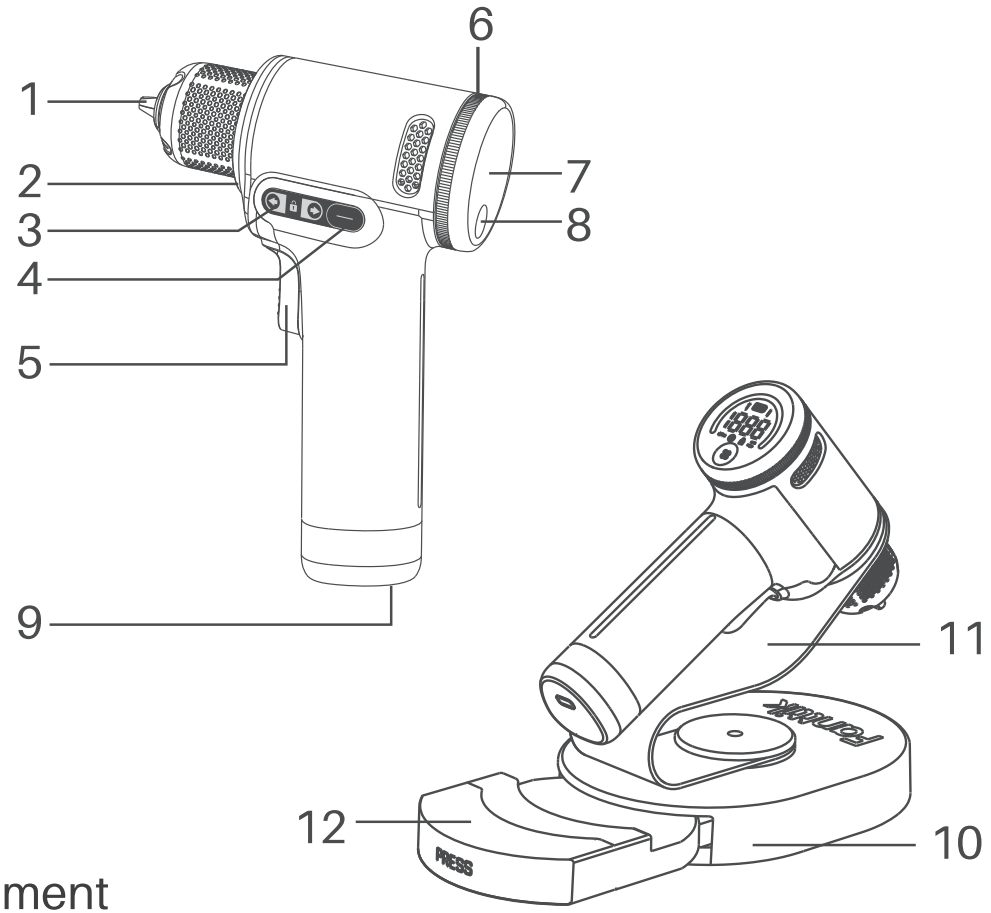
User manual x 1



Quick start guide x 1

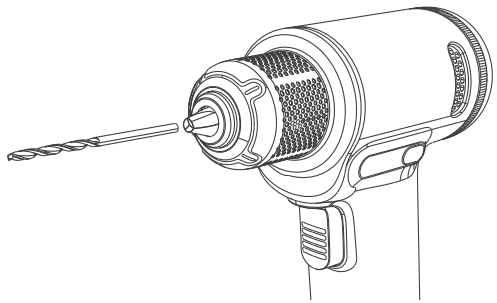
3.Product Overview

1. Keyless chuck
2. LED work light
3. Side display
4. Side button
5. Variable speed trigger
6. Torque/Speed control knob
7. Main display
8. Function button
9. Type-C charging port
10. All-in-One storage stand
11. 360° swivel arm
12. Push-open bit storage compartment



4.Operation and Functions

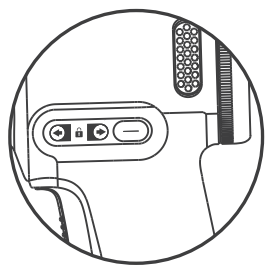
Install and Remove a Bit into the Keyless Chuck



Install: Rotate the chuck sleeve counterclockwise far enough to accept the desired screwdriver bit or drill bit. Then insert the bit deep into the chuck and tighten securely by grasping and rotating the chuck sleeve clockwise until firmly in place.

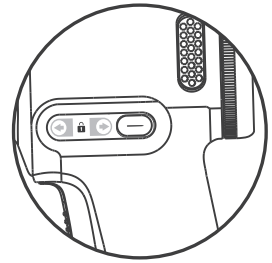
Remove: hold the tool with one hand and rotate the chuck sleeve counterclockwise to loosen the chuck, then remove the bit.

Variable Speed Trigger

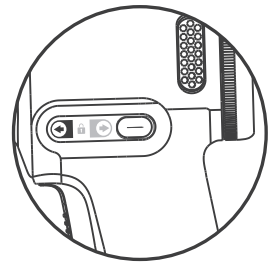


Press the trigger to turn on the device. The Variable Speed Trigger controls the motor speed. The farther the trigger is depressed, the higher the working speed.

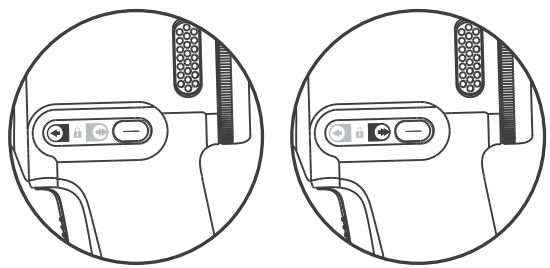
Side Button (Direction and Child/Transportation Safety Button)



•Press and hold the Side Button for two seconds to lock the tool motor for child safety or transportation safety. In this mode, a lock symbol appears on the Side Display.

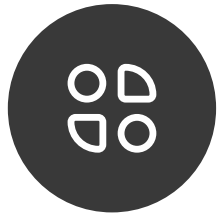


•In motor lock mode, press and hold the Side Button for two seconds to unlock the motor.



•In unlock mode, briefly press the Side Button to switch the motor's rotate direction. A corresponding forward or reverse arrow symbol will appear on the Side Display.

TapSwitch™ One Press Gear Shift



The tool has two regular modes: screwdriver mode and drill mode. Short press the function Button to switch between them. When pressed, the device will automatically shift gears, and you will hear an electric gear-shifting sound. (Occasionally, you may hear the gear shift two or three times, which is normal.) Avoid pressing the button repeatedly; wait for the device to finish shifting gears before switching modes.

Working Modes & UI

In screwdriver mode, a screw symbol and the current torque setting appear on the display. You can adjust the maximum toque from 1 to 30N·m(8.9 to 265 in-lb) by rotating the Torque/Speed Control Knob. The available torque settings are 1, 2, 3... 18, 19, 20, and 30 (in total 21 torque settings). The speed is controlled by the Variable Speed Trigger, with a maximum unloaded speed of 500RPM.

In drill mode, a drill bit symbol and the maximum speed limit will appear on the display.

The knob adjusts the maximum speed limit, with settings of 500, 800, and 1250RPM. You can select a lower speed limit for drilling hard materials or large holes, and a higher speed limit for drilling soft materials or small holes.



Screwdriver Mode



Drill Mode

In addition, the tool features **AutoAssist**. Long press the function Button for 2s to activate this function, and long press again to deactivate it. When activated, an 'AU' and (Ⓐ) symbols will appear on the display, along with a screw or drill bit symbol to indicate whether you are in screwdriver AutoAssist mode and drill AutoAssist mode. You can switch between the two AutoAssist modes by short pressing the function Button.



Screwdriver AutoAssist

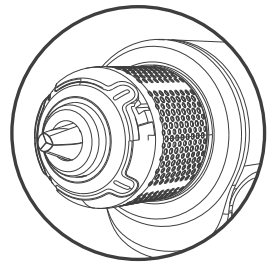


Drill AutoAssist

In screwdriver AutoAssist or drill AutoAssist mode, torque or speed settings are not applicable. In screwdriver AutoAssist mode, the tool automatically halts when the screw is fully tightened, this ensures precise screw driving without over-tightening (The final effect may be affected by different types of wood and sizes of self-tapping screws. It is also possible that the feature may be triggered during screw driving. A recommended condition is driving M4 x 30mm self-tapping screws into pine wood). In drill AutoAssist mode, the tool automatically adjusts the maximum power output.

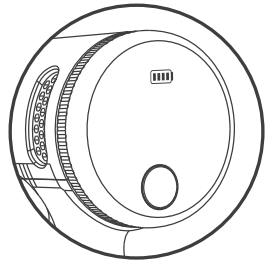
Turn on/off the LED Work Light

The LED work light automatically turns on when the Variable Speed Trigger is pressed. The LED light remains on for 10 seconds after the trigger is released.



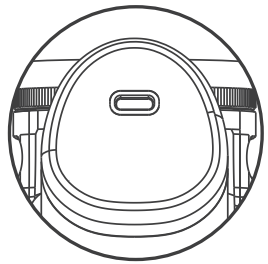
Power Indicator

The battery symbol on the display shows the current battery level. When it is empty, charge the tool promptly. During charging, the green arc bar and battery symbol flashes. Once fully charged, the battery symbol and green arc bar will remain solid.



Battery Charging

This tool is equipped with a universal Type-C charging port and includes a USB charging cable. A charger is not included; please use a 5V charger for charging. The screwdriver supports a maximum charging input of 10W(5V/2A).



5.Specifications

Product Name	Brushless Cordless Drill
Product Model	NEX K2 Ultra
Product Dimension	5.24x7.28x2.24inches(133x185x57mm)
Net Weight(Tool only)	1.93 lb (875 g)
Max. torque(Screwdriver Mode)	30 N·m(265 in-lbs)
Torque Control(Screwdriver Mode)	1-30 N·m(8.9-265 in-lbs)
Max. Unloaded Speed(Drill Mode)	1250 RPM
Speed Control(Drill Mode)	500/800/1250 RPM
Battery Capacity	2500 mAh / 18.5Wh
Rated Voltage	7.4 V
Charging Input	5 V / 2 A
Charging Time	120-180 minutes

Screwdriver bit specifications and type

Bit Shank: 1/4-inch (6.3mm) hex shank

Bit Length: 2″(50mm)

Phillips: PH1, PH2

Slotted: SL4.0, SL6.0

Hex: H4, H5, H6

Tamper-Resistant Torx: TR15, TR20, TR25

Drill bit type

Wood drill bit: 1/8″, 5/32″, 13/64″, 15/64″, 5/16″

Metal drill bit: 5/64″, 1/8″, 5/32″, 13/64″, 15/64″

Fault description	Indication status	Recovery instructions
Battery pack NTC protection and others	E0	When the temperature recovers, release the trigger
Overvoltage fault	E1	When voltage is restored, release the trigger
Startup failure	E2	Release the trigger
MOS tube NTC protection	E3	When the temperature recovers, release the trigger
Overcurrent fault	E4	Release the trigger
Short circuit protection	E5	Release the trigger
Stalled rotor fault	E6	Release the trigger
Low speed operation fault	E7	Release the trigger
MOS driver failure	E8	Release the trigger
Battery pack failure	E9	The battery pack is restored, release the trigger
Abnormal gear shifting	EA	click again
Undervoltage fault	The battery box flashes quickly	The voltage is restored, release the trigger

Warranty Info

- This product is covered by a **12-month** warranty for manufacturing defects.

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