
KB PORTABLE E-FILE

INSTRUCTION MANUAL & MANUFACTURING WARRANTY





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PRODUCT DETAILS

Input voltage	Battery voltage	Battery capacity	Wattage	Torque	Speed
DC5V 2A	DC7.4V	4000mA	35W	2.8Nm	up to 40,000RPM
 LENGTH					
DIMENSIONS					LENGTH
			20mm		141mm

BATTERY

Charge time: 1.5 - 2 hours from empty
Battery life: 6 - 8 hours (after full charge)

May arrive with no charge and needs charging before use.

The charge time depends on the voltage of the charger you use. We recommend plugging into a mains, rather than into a USB hub or computer as the current will be higher through mains and the charge will be faster for you.

The battery life is dependant upon the following factors:

- frequency of usage
 - storage temperature
 - type of service
 - length of service
 - ambient air humidity
 - how much speed and pressure is required for the service
 - worn bits
- and others

For this reason, there is no set or guaranteed time between charges so we recommend charging your efile at the end of each day.

1. On off, pause button

- Hold down for 2 seconds to turn on.
- If this does not turn on, check charge.
- Will show speed on 6. display screen.
- It will display the last used speed after power on.
- Press once for 1 second whilst on to pause.
- Press again to resume. Will resume the paused speed.
- Hold down for 2 seconds to turn off.
- This will be turned off when the screen no longer has a display. If it shows a display, it will only be paused.

2. Forward / reverse direction

- The default rotation is forward "F" when power on. To change this, press the "R" button to change the rotation direction to Reverse. Use forward for right handed, reverse for left handed.

3. Connector

Connects the hand piece to the control box. Remove cable connection when not in use.

4. Hand piece

Remove safety piece - this is just for travel. Twist to left once until you hear a click all the way to the padlock to open chuck. Place your efile bit. Twist to the right once until you hear a click to close the chuck. Make sure the dot lines up with the padlock symbol.



open




locked

5. Hand piece lid

Remove lid, replace when not in use. Do not force on.

6. Display screen

Will display the speed and battery life. Will display with last used speed after power on. Has a memory function.

If power grid  flashes, the e-file is out of power and needs charging. It will arrive with no power.

If the power grid displays a full grid, the battery is fully charged.

Will also display direction rotation.

7. Dial speed regulation

Turn the dial clockwise to increase the speed, turn counterclockwise to decrease the speed.

8. USB-C Socket

Place USB-C into the USB-C socket (labelled IN) and the USB into power source to charge your e-file. This can be any USB power source including power bank, mains plug, laptop and so on. The KB Portable E-File doesn't come with a mains plug to allow for it to be used and powered internationally.

9. USB Socket

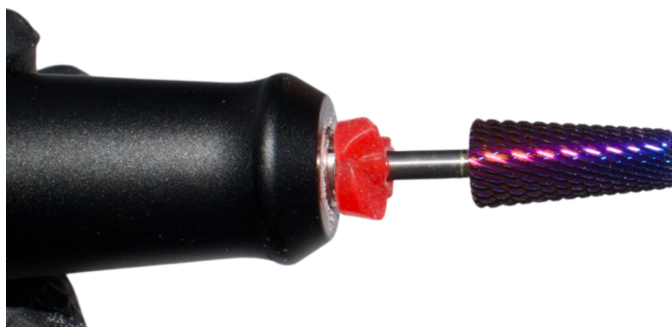
USB (labelled OUT) allows you to power or charge an external device from your e-file such as smartphone, KB Glow, USB light.

CORRECT USAGE

These instructions must be followed at all times, otherwise your warranty may be invalid.

- **Do not** lift and manoeuvre the e-file from the dial - this can cause damage to the dial. Clean the hand piece before use.
- **Do not** push a bit in with dust on the opening.
- **Do not** disassemble the hand piece.
- **Do not** work in wet or humid environment.
- **Do not** use when charging.
- **Do not** force bits in.
- **Do not** try and force bits out or bend.
- When the machine is in use, **do not** change or remove bits without first pausing or turning off.
- **Do not** touch rotating parts with your hand.
- **Do not** force lid into the storage slot.
- **Do not** drop or knock any part of your e-file, especially the hand piece. This will cause damage to your hand piece. This includes tapping it against a surface to remove dust. Make sure to take care when placing the hand piece on the desk, to avoid damage.
- **Do not** clean with liquid solutions including antibacterial, disinfection, alcohol or any kind of wet wipe - keep clean with dust cloth, canned air **ONLY**.
- **Do not** submerge the hand piece in water or any liquid.
- Avoid water and all liquid on all parts of the e-file machine.
- **Do not** use damaged wires.
- **Do not** charge unattended.
- **Do not** charge for longer than necessary.
- **Do not** place wet or damp e-file bits into your hand piece.

- Do make sure that your bit is securely fastened into the chuck before turning on.
- If a bit is stuck in the chuck, do not try to prise it out, tap it or try to use a magnet to remove it. Always contact the manufacturer..
- If dropped or damaged get the machine checked by a professional or get in contact with us before trying to rectify yourself.
- Replace the lid when not in use.
- Use dust caps when in use, placed over the chuck and not under the head of the bit.



- Take care when opening the storage box whilst e-file and hand piece is being stored in storage slots. Always hold and support when opening.
- Only your e-file bits should be sanitised, disinfected and sterilised.
- Only use 3/32 inch shank bits in the e-file.

For further information on how to use and care for your e-file, please refer to the training manual on your course.

STORING YOUR E-FILE

When not in use

- Use storage box when not in use.
- The control box, hand piece and wires should be stored inside the storage box when not in use for best protection.



During use

Place the e-file control box into the designated slot at a 90 degree angle. Do not angle the e-file too far back otherwise it will be top heavy.



- Place the handpiece in the lid.
- Hold the lid at a 90 degree angle, twist left, then twist right and the lid will slot in. This is to keep it secure.
- You can put the lid in first, then your hand piece.



twist left



twist right



WARRANTY

- The warranty is limited to the valid warranty period under normal and recommended use.
- If the machine has a manufacturing fault within one year from the date of purchase, your machine will be replaced or repaired, A refund will not be granted and a replacement or repair will be actioned, whichever is applicable to the fault. This will be determined upon sending the e-file for inspection. If the damage is caused by use as below, your warranty will become invalid and you will be responsible for any repairs or replacements, regardless of timeframe.

Your warranty is one year from purchase, and is not extended following repair or replacement.

- You must provide proof of purchase to validate the warranty.

WARRANTY EXCLUSIONS

The following invalidate your warranty and a replacement or repair will be your responsibility:

- Unauthorised maintenance, dismantling, misuse, damage, drops, knocks, liquid injection including the use of wet wipes and modification.
- The issue arises from improper use and care and not following the instructions in this manual..
- The serial number or any other certification has been altered.
- It is not used and maintained in accordance to the manufacturers instructions.
- Damage caused by force majeure but not limited to flood, fire, lightening.
- Theft or loss.
- Cannot prove purchase.
- Has been purchased second hand or third party.

For any queries, concerns or warranty requests, contact:

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