

Electric knife sharpener

orava

BN-45
Instruction manual

EN



CE

BN-45

The intended use of the device

The device is designed exclusively for grinding a smooth blade of kitchen knives to the extent specified by the technical and operating parameters and functions of the equipment, safety and user instructions and external influences of the operating environment. Do not use the tool to sharpen the blade of other types of tools/tools or tools.

ORAVA Electrical Appliances are manufactured in accordance with the state of the art and recognized safety-technical rules. Nevertheless, the use or use contrary to designation may result in the risk of injury to or endangering the life of the user or third person, damage to the device and other material values.

1. GENERAL SAFETY INSTRUCTIONS AND WARNINGS

- This document contains important safety instructions and warnings for safe, correct and economical operation of the electrical equipment. Its compliance helps the user avoid risks, increase reliability and product life.
- In this document, the general term product is used in text parts such as: electrical equipment - any device used for the production, conversion, transmission, distribution or use of electricity.
- From the point of view of the purpose of using electricity, the concept of electrical equipment in the strict sense of the word will include the following categories:
 - household electric appliances,
 - information and communication equipment,
 - consumer electronics,
 - lighting equipment,
 - electrical and electronic tools,
 - toys and equipment for sporting and recreational purposes,
 - medical devices (aids),
 - monitoring and control devices,
 - vending machines.

1.1 General safety instructions

- Before operating the unit, we recommend that you carefully read the instruction manual and operate the equipment in accordance with the instructions!
- The safety instructions and warnings in this manual do not cover all the possible conditions and situations that may arise when using the device. The user must understand that a factor that cannot be incorporated into any of the products is personal responsibility and caution. These factors must therefore be ensured by users serving this device.
- Failure to follow the safety instructions and warnings is forbidden by the manufacturer for any damage to health or property!
- Keep the instruction manual as close to the device as possible throughout its service life. Always keep the instruction manual together with the appliance for future use and use by new users.
- Use the appliance only for the intended purpose and in the manner specified by the manufacturer.
- The appliance is intended for home and similar indoor use without special focus.

- This appliance is intended, in addition to domestic use, for the following uses:
 - in shops, offices and other similar work environments;
 - in economic buildings;
 - in hotels, motels and other residential environments;
 - in bed and breakfast establishments.
- It is not a professional device for commercial use.
- Do not change the technical parameters and features of the device by unauthorized modification or modification of any part of the device.
- The manufacturer is not responsible for damages caused during transportation, misuse, damage or destruction of the equipment due to adverse weather conditions.

1.2 Safety of the operating environment

- Do not use the device in an industrial environment or outside environment!
- Do not expose the appliance to:
 - sources of excessive heat or open flame,
 - dripping or splashing water,
 - vibration and excessive mechanical stress,
 - insects, animals and plants,
 - aggressive and chemical substances.
- The operating environment of the device must always be in accordance with the basic characteristics set out.
- Features of the operating environment:
 1. Ambient temperature: $+5 \div +40$ °C
 2. Humidity: $5 \div 85\%$
 3. Altitude: $\leq 2\,000$ m
 4. Occurrence of water: intermittent condensation of water or occurrence of water vapor
 5. Occurrence of foreign bodies: quantity and type of dust are insignificant
 6. Protection degree: min. IP20 (device protected from touching dangerous parts by hand and non-waterproof)
- This degree of protection is not indicated on the product and on the technical parameters in the operating instructions.
- If the protection class of the product is different from IPX0, this information is then displayed on the label of the appliance or in the technical data of the operating instructions.
- Other characteristics of the domestic operating environment (mechanical stress - vibrations and vibrations, occurrence of plant, animals, weather effects ...) are negligible in terms of effect on the correct and safe use of electrical equipment.

1.3 Electrical safety

- Before connecting the appliance to the power supply for the first time, make sure that the voltage on the appliance label corresponds to that of the household electrical outlet.
- The electric appliance is designed to power from 1/N/PE ~ 230 V 50 Hz.
- The electrical safety of the appliance is guaranteed only if it is properly connected to the mains.
- Electrical protection class I equipment is equipped with a protection against electric shock by means of protective earthing of inanimate parts, which can become dangerous when the device is malfunctioning. Always connect such devices to properly installed mains sockets that are equipped with earthing conductors and have a properly grounded earthing conductor.
All electrical equipment is equipped with a three-wire power supply.
- Class II electrical equipment is protected against electric shock by double insulation or by enhanced insulation of hazardous live electrical parts. Device of protection class II it must not be equipped with means to connect protective earthing.
All electrical equipment is equipped with two-wire power supply.
- Class III electrical equipment is a device that is powered by a small safe voltage source (battery or accumulator) and does not present any danger to the user from electrical shock.
- In order to provide increased safety against the risk of electric shock due to the use of electrical appliances by laypersons, it is recommended to install the power supply circuit for sockets with a rated current not exceeding 20 A RCD with a rated operating current not exceeding 30 mA.
To ensure the safety and correctness of the electrical installation, consult a qualified electrician.
- Only use a power cord with a plug (mains lead) supplied with the device and compatible with a wall socket. Using another cable may result in fire or electric shock.
- Always connect an electrical appliance to an easily accessible mains socket. In the event of an operating fault, the appliance must be switched off as soon as possible and disconnected from mains supply.
- The power cord and mains plug must always be easily accessible for safe disconnection of the electrical appliance from the power supply.
- Do not pull off the power cord by pulling the cable. Disconnect the power cord by pulling the plug behind the power cord plug.
- If you use an extension cord, make sure that the total rated power of all devices connected to the extension cord does not exceed the max. current load on the extension cable.
- If you need to use an extension cord or power supply block, make sure that the extension cord or power pack is plugged into a power socket, and not to another extension cord or power supply. The extension power cord or power supply block must be designed for grounded electrical plugs and connected to a properly grounded electrical socket.
- The power plug of the appliance must be compatible with the mains socket. Never use any adapters or modify the socket in any other way. Do not use inappropriate or damaged drawers!
- To avoid electrical shock, plug the power cables into properly grounded electrical sockets. If the device is equipped with a 3-pole plug, do not use adapters that do not have a grounding element or remove the grounding element from the plug or adapter.
- Do not bend, crush or otherwise expose the power cord of the appliance to mechanical stress or external heat sources. Damage to the power cord may result in electric shock.
- When the power cord is damaged, disconnect the appliance from the mains and do not use it again.

- If the power cord is damaged, it must be replaced by the manufacturer, its service department or a similarly qualified person to avoid the risk of electric shock.
- Regularly check and maintain the electrical appliance as well as the power cord and power socket. Disconnect the power plug regularly and clean it if necessary. Pollution by dust or other substances may cause disruption of the insulating state and consequently fire.
- Do not expose the appliance to water or moisture. The ingress of water into the appliance increases the risk of electric shock.
If the power cord is wet or the water has penetrated the water, disconnect it immediately from the mains. If the appliance is plugged into a mains socket and if possible, turn off the power circuit before attempting to unplug the power. If you are pulling wet wires from a live power source, be very careful.
- If the electrical equipment is installed (connecting) the protective covers are dismantled, the electrical parts must not be accessible to the user when the installation is finished.

1.4 Safety of persons

- This appliance is intended for use and operation by persons without electrotechnical qualification - lay people, according to the instructions specified by the manufacturer.
- Device operation includes activities such as switching on and off, user manipulation and setting of operating parameters, visual or auditory inspection of the equipment, and user cleaning and maintenance.
- This appliance can be used by children under the age of 8 and persons with reduced physical, sensory or mental capabilities or lack of experience or knowledge when supervised or instructed to use the appliance safely and understand the dangers involved.
- Children may not play with the appliance.
- Cleaning and maintenance for users may not be performed by children unattended.
- Always keep the appliance out of reach of children during use and operation. Be sure to disconnect the appliance even for a freely accessible power cord.
- Always be careful when operating the electric appliance! Do not use an electric appliance if you are overly tired, under the influence of medication or narcotic drugs that reduce attention and focus.
- Inattention during operation may result in serious injury.

1.5 Cleaning, maintenance and repairs

- Observe the normal user cleaning and maintenance of the appliance in the recommended way. Do not use solvents or harsh cleaners for cleaning. Pollution and visible stains from finger contact, respectively. The hands can be cleaned using detergent detergents specially designed to clean household appliances.
 - If you do not use the appliance, clean it or disconnect the appliance from the power supply when the appliance is faulty.
 - Electrical appliances that are cleaned after use and are not intended to be completely or partly immersed in water or other liquid, protect against the effects of dripping and / or splashing water and before immersion.
 - Electric household appliances, like all other technical devices, are subject to the surrounding environment and natural wear. Since the legal framework of regular maintenance is not laid down for lay-in electrical household appliances, the manufacturer recommends that the user have the appliance checked and cleaned at least once a year by a specialist workshop.
 - By doing so, it is possible to achieve safety, operational reliability and increased service life.
 - Do not disassemble the electric appliance! The appliance works with a dangerous voltage. For this reason, always switch off the appliance and disconnect it from the mains supply during user maintenance. In the event of a fault, please have the repair serviced by an authorized service center.
 - Before calling a service:
 1. Verify that you are unable to remedy the malfunction yourself according to the procedure described in the chapter „Remedy of operating faults“.
 2. Turn the appliance off and on to make sure the fault reappears.
 3. If the malfunction of the appliance still persists after these operations, call the nearest specialist service center.
 - Never repair the electric appliance yourself!
 - Unauthorized, unqualified and improper use of an electric appliance may result in electric shock or other serious injury.
 - Only carry out the warranty or post-warranty repair of an electrical appliance to an authorized qualified person (*).
- (*) Competent qualified expert: the sales department of the manufacturer or importer or the person qualified and authorized to carry out this type of activity with the ability to avoid all risks.

2. Special Safety Instructions.

Read carefully!

Electrical equipment is designed and manufactured in such a way as to allow for safe operation and use by persons without a professional qualification.

Despite all the measures that

have been carried out by the manufacturer for safe use, handling and use, entails certain residual risks and associated potential hazards.

To warn of possible hazards, the following symbols and their meanings were used on the device and in the accompanying documentation:



This symbol alerts users that the device is operating a dangerous electrical voltage. Do not remove protective covers on the device.

Failure to observe the safety instructions during use and operation of the device may entail:

Danger of electric shock! Danger of serious injury or life threatening!



This symbol warns users that if the following precautions are not followed during use and operation of the device:

Danger of serious injury or life threatening! Danger of damage to equipment or other property damage!



This symbol warns users that if the following precautions are not followed during use and operation of the device:

Danger from rotating component!



This symbol warns users that if the following precautions are not followed during use and operation of the device:

Danger of tearing or puncture of your fingers!



This symbol means that the product is made with a double insulation between dangerous live parts (parts with dangerous voltage from the mains) and parts that are accessible in normal use.

Transport/Carriage

- When transporting and using, for example, of the transport carriage be careful when moving to prevent the device from falling.
- Never carry the machine while it is in operation. Do not carry the device while it is connected to a wall outlet.

Warning!

- Some surfaces may become warm when operating the unit. Do not touch hot surfaces!
There is a risk of serious injury!
There is a risk of damage to the device

Unpacking/Packaging

- Unpack the equipment and accessories before putting it into service and remove all parts of the packaging material and labels. Store the packaging in a safe place, especially out of the reach of children and unaccompanied persons, or dispose of them safely.
There is a risk of serious injury! Risk of suffocation!

Check/Startup

- Carefully clean the machine before commissioning it, following the instructions in the „Startup“ section. „Cleaning and maintenance“.
- Never clean the machine (its drive unit with electrical parts and controls) and the power cord with the plug in a way (under running water) that may cause the liquid to flow into the device.
Clean these parts with a damp cloth and wipe dry or let it dry.
- Only clean the appliance if it is switched off and disconnected from the mains.
- It is recommended that you carry out the initial and subsequent periodic inspections of the equipment.
- Never use the appliance if it is incomplete or damaged in any way during transportation or use.
- Do not use non-original and incomplete parts of the device and its accessories.
There is a risk of serious injury!
There is a risk of electric shock!

Location/Installation

- Only place the machine on straight, strong and stable pads
- kitchen worktops and parts of furniture suitable for the placement and use of kitchen equipment.
- Always make sure that the place you want to place the device has plenty of room, mechanical strength and appropriate lighting.

Warning!

- Do not expose the device to:
 - direct sunlight, sources and equipment producing heat,
 - vibration and mechanical stress,
 - excessive dust,
 - water and excess moisture,
 - insect,
 - an aggressive external environment.
- Do not use or dispose of the appliance:
 - to unstable tables or parts of furniture,
 - on an uneven and dirty surface,
 - on the sealing edge of tables or parts of furniture,
 - in the vicinity of containers with water or other liquids.
- Do not cover the appliance in part. Do not add anything to the device. Do not insert or allow the foreign bodies to enter the holes of the device covers.
- Do not cover the openings of the covers designed for air flow. Air ventilation ensures reliable and safe operation of the device.
There is a risk of electric shock!
There is a danger of fire!

Warning!

- Place the device in a place where children can not reach freely.
- Prevent children from handling the device. The device may fall over children and cause them injuries.
- Mechanical damage (breakage of parts and covers) of the device can cause serious injury.
There is a risk of serious injury!
There is a risk of damage to equipment or other property damage!
- Do not place or use equipment near water containers. If the appliance falls into the water, do not remove it! First, pull the power cord plug out of the mains socket and then select the appliance from the water. In such cases, take the device for inspection to a specialist service to check that it is safe and working properly.
There is a risk of electric shock!
There is a risk of electrical short circuit!

Operation/Supervision

Please note!

- The device is intended for grinding the blade edge. As the operator is handling a very sharp knife, always work with care and caution.
- In case of careless handling:
There is a risk of tearing or puncture of your fingers/hands!
- Always make sure that the device is complete and that none of its parts is damaged before using the device. Do not use incomplete and damaged equipment.
- Always switch off and unplug the power cord from the wall outlet before replacing accessories or accessible parts of the device, before installing and dismantling, and before cleaning and servicing.
There is a risk of serious injury!
- Be sure to keep the appliance under control during use and operation!
- This device is not intended to be operated via a programmer, external time switch or remote control because there is a risk of fire if the device is covered or incorrectly positioned.
- Always unplug it from the power supply if you leave it unattended.
- Do not leave the device unattended during use and operation, especially when children, inappropriate persons or pets are in the vicinity.
- Do not use the appliance in potentially explosive atmospheres and in the presence of flammable substances and vapors, mist or dust. There is a risk of explosion and / or fire!
- Make sure that the controller (main switch) is in the „0“ (Off) position before each connection to the power supply.
- Do not switch the device on or off by plugging in or pulling out the power cord from the AC outlet.
- Always connect the appliance to mains power supply for normal use, then turn on the main power switch.
- When you have finished using the appliance, turn off the main switch and then pull the mains cord out of the mains socket.
- Do not use the device if the main power switch does not work.
- The device is under dangerous voltage when the power supply is connected.
There is a risk of electric shock! There is a risk of serious injury!
- The device contains rotating parts - rotating grinding wheels.
- Do not touch the face/eyes near the rotating grinding wheels while the machine is working and never swing your fingers or place other objects in the rotating parts area.

Warning!

- Grinding wheels rotate at high speed. When contacting the knife blade, the microparticles of the grinding wheel and the metal from the knife blade can be released and bounced.
- Do not come into contact with the face/eyes near the rotating parts.
- The manufacturer recommends the use of personal eye protection.

Warning!

- Do not touch the knife edge with finger/hand during grinding!
- The blade is very sharp after grinding and may contain microparticles of grinding wheel and metal from the knife blade.
- After finishing grinding, clean the knife, hands and equipment thoroughly from the microparticles produced by the grinding process! Do not touch your eyes or mouth with your fingers/hands.
- If the workspace has to be handled (rotary parts cleaning) - always only when the appliance is turned off, disconnected from the power supply and the rotating parts are completely stopped, use only the recommended accessories or a suitable item.

Warning!

- After switching off the drive, the drive of the rotating parts will recharge for a certain amount of time. Always wait for the rotating parts to stop completely before handling the device.
There is a risk of serious injury!
- Take care during the use and operation of the appliance to prevent hair, loose ornaments or loose clothing from coming into contact with the rotating parts.
There is a risk of serious injury!
- Do not connect the power cord to bundles. The power cord must remain accessible for safe disconnection of the device from the power supply.
- Do not let the cord hang loose and do not allow it to be freely accessible and reachable by children.
- Never leave your device freely accessible and do not leave it with a loose cord. Children could download the device for a network cord.
- Do not store the appliance with a wrapped cord around your body. Unfold the network cord „in the way it was put in the original packaging by the manufacturer.
- Never overload the equipment beyond the limits specified by the technical specifications!
- Always divide the device into the recommended service intervals (continuous operation / break time) and follow these instructions.
- If you notice any unusual occurrences (vibrations, sounds, odors, smoke, etc.) while using the device, switch off the device immediately and disconnect it from the power supply. Have the appliance checked by a specialist workshop.
There is a risk of serious injury!
There is a risk of damage to equipment or other property damage!
- Only install and disassemble the appliance and its parts when the appliance is switched off and disconnected from the power supply.
There is a risk of serious injury!
- Carefully clean the device immediately after use.
- If any safety component (mechanical, electrical/electronic) is part of the device, never disable this part/component! If the safety component/part is damaged or not working, do not use the appliance!
- Do not use safety parts / components to switch on/switching off the device.
- Never underestimate the potential hazards and take care of the dangers caution !!!

Parts descriptions



- 1 coarse grinding wheel
- 2 fine grinding wheel
- 3 grooves for knife blade
- 4 power switch 0/I
- 5 container for the residue after grinding
- 6 adhesive cups

Before first use

Do not plug the appliance into the mains during preparation. Unpack and remove all packaging material from it. To remove any dirt that may have occurred during the packing process, clean it with a dry cloth that does not release the fibers. (See „Cleaning and maintenance“ in this manual).

Do not immerse the machine in water! Clean the surface with a cloth moistened with water.

Then dry it thoroughly.

Never immerse the engine unit in water or other fluid!

The appliance is intended for home use only!

Preparation and operation

Location

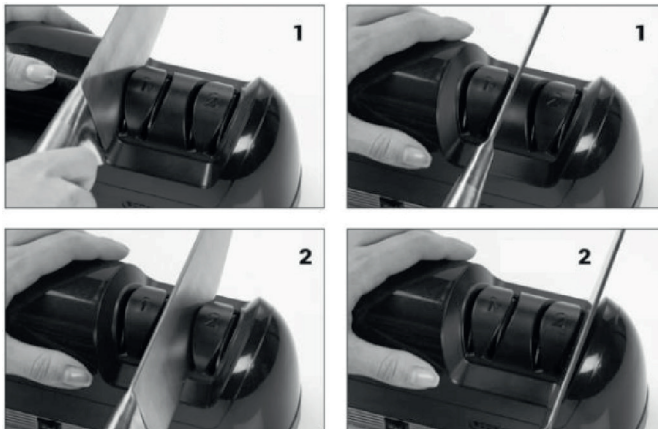
Disconnect the appliance from the power supply before locating it. Then lay it on and press it against a flat, firm surface so that the suction cups cling to the surface and the device firmly in place. For better adhesion, we recommend that the suction cups be slightly moistened before placement.

Grinding

1. Plug in the machine.
2. Switch on the device with the 0/I switch by switching it to position I. Always switch on the device before inserting the knife into the groove!
3. When the wheel speed is running, you can insert the blade into the groove.

Approach:

Clean the blade and insert it into the appropriate groove when the grinding wheel rotates. Bend the blade with adequate force so as not to reduce engine speed. There are two abrasive parts as shown in the picture:



Part 1:

Part 1 is for the first grinding, resp. a rough cut of the blunt knife to create the correct blade shape. Insert the knife completely to the device and min. triple it evenly toward you, alternating the groove for the left and right side grinding.

When grinding the tip of the knife, gently lift the handle to evenly curve the tip of the tip.

Part 2:

Part 2 is designed to fine-cut the knife blade to form a sharp blade. Insert the knife completely with the handle and min. triple it evenly toward you, alternating the groove for the left and right side grinding. One stretch should take 3 or more seconds depending on the length of the blade.

When grinding the tip of the knife, gently lift the handle to evenly curve the tip of the tip.

4. When the grinding has finished, turn the device off by pressing the 0/I switch to 0.
5. Disconnect the machine from the electrical socket.

Notes

- Always pull the knife with a uniform motion out, not back or back and forth - the result of the sharpening would be uneven.
Never insert the tip of the knife into the groove and do not press it against the bottom!
- Do not apply heavy pressure and always grind clean blades to avoid premature wear of the grinding wheel.
- Always grind knife blades in the sharp angle of the grinding wheel (as defined by the groove shape). Grinding at the wrong angle can destroy each blade.
- After grinding, remove any residual dust from the grinding that has remained on the blade with a damp cloth.
- Knives with smooth blade always slip on both sides - for this purpose grinding lines for the left and right sides are available.
- When you pull the blade, hold the knife in the left-hand drive as far as possible left-handed and right-angled to the right.
- Always test the knife by cutting off the food slice. If it seems blunt, repeat the sharpening procedure until the knife is sharp.
- Take off the residue from residue container after grinding (5).

Warning!

Never use the appliance for more than a few minutes without a break.

Cleaning and maintenance

- Before each cleaning, disconnect the appliance from the mains and allow it to cool down.
- Use only a slightly moistened cloth to clean the device itself.
- Do not use any solvent or abrasive cleaner.
- Do not put the appliance in the dishwasher.
- Take off the residue from residue container after grinding (5).



Warning!

Never immerse the device in water or other liquid!

Wipe the appliance and the power cord with a dry cloth.

The device does not require maintenance. There is no work on the device or in it that the user should do. In case of malfunction or visible damage to the device, contact customer service. When storing, do not wiring the power cord around the device.

The engine is lubricated with a durable grease. It does not require deletion.

Technical specifications

Power supply:	220 - 240 V~ 50 Hz
Power consumption:	40 W
Protection Class:	II (Protection against electric shock the current is secured by double insulation)
Dimensions (W x H x D):	21 x 10,5 x 9 cm
Weight:	1.1 kg
Noise:	55 dB (A)

The declared noise emission of this appliance is 55 dB (A), which is the sound power level A with respect to the reference acoustic power of 1 pW.

The right to change is reserved!