

Portable insect killer 2 in 1

**orava**

**MK-6**  
**Instruction manual**

EN



CE

**MK-6**

## Intended use of the device

The device is intended to serve exclusively as an insect repellent, to the extent specified in the technical and operational parameters and functions, safety and user instructions and external influences of the operating environment.

ORAVA electrical equipment is manufactured in accordance with the state of the art and recognized safety and technical rules. Nevertheless, incorrect and unprofessional use or use contrary to the intended purpose may create a risk of injury or endanger the life of the user or a third party, resp. damage to equipment and other property.

## GENERAL SAFETY INSTRUCTIONS AND WARNINGS

- Before putting the device into operation, we recommend that you carefully read the operating instructions and operate the device in accordance with the specified instructions! The insect killers are designed either for indoor use or for outdoor use, depending on the type of product.
- By failing to observe the safety instructions and warnings, the manufacturer is not responsible for any damage to health or property!
- Always keep the operating instructions with the appliance for future reference and use by new users.
- Use the device only for the intended purpose and in the manner specified by the manufacturer.
- The device is intended for use in the home and in similar indoor areas intended for housing without special focus.
- The manufacturer is not responsible for damage caused during transport, incorrect use, damage or destruction of the device due to adverse weather conditions.
- Do not use the device in an industrial or outdoor environment!
- Do not expose the device to:
  - sources of excessive heat or open flame
  - animals and flora,
  - aggressive and chemical substances.
- The operating environment of the device must always comply with the specified basic characteristics.

## CHARACTERISTICS OF THE OPERATING ENVIRONMENT

1. Ambient temperature: -10 to +65 ° C
2. Humidity: 15 ÷ 85%
3. Altitude: ≤ 2,000 m
4. Occurrence of water: occasional condensation of water or occurrence of water steam
5. Occurrence of foreign objects: the amount and type of dust are insignificant

## ELECTRICAL SAFETY

- Before connecting the appliance to the mains for the first time, make sure that the mains voltage indicated on the type plate corresponds to the mains voltage in your home.
- The electrical appliance is designed for mains supply 1/N/PE ~ 230 V 50 Hz or USB 5 V depending on the product type.
- The electrical safety of the device is only guaranteed if it is connected correctly to the mains.
- Always connect electrical equipment to an easily accessible power outlet. In the event of an operating fault, the device must be switched off and disconnected from the mains as soon as possible.
- Do not unplug the power cord / power cable by pulling on the cord / cable. Disconnect by unplugging the power cord.
- If you use an extension power cord, make sure that the total ampere rating of all the devices connected to the extension cord does not exceed the max. extension cable current load.
- The plug of the device's power cord must be compatible with the power outlet. Never use any adapters or modify the outlet in any other way. Do not use unsuitable and damaged sockets!
- Do not bend, squeeze, or otherwise expose the device's power cord / power cable to mechanical stress or external heat. Damage to the power cord may result in electric shock.
- If the power cord is damaged, unplug the device and do not continue to use it.
- If the supply cord / cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

## PERSONAL SECURITY

- This device is intended for use and operation by persons without electrical qualification, according to the instructions provided by the manufacturer.
- Operations of the equipment include activities such as turning the equipment on and off, user manipulation and setting of operating parameters, visual or auditory inspection of the equipment, and user cleaning and maintenance.
- The appliance is not intended for use by persons, including children under the age of 8, with reduced physical, mental or sensory capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance. The device is not a toy.
- Always keep the appliance out of the reach of children during use and operation. Remember that the device can also be downloaded with a freely accessible power cord.
- Always take extra care when operating electrical equipment! Do not use the device if you are excessively tired, under the influence of drugs or narcotics that reduce attention and concentration.
- Careless handling can lead to serious injuries.

## 2. Special safety instructions. Read carefully!

- The electrical equipment is designed and manufactured in such a way as to allow safe operation and use by unqualified persons. Despite all the measures taken by the manufacturer for safe use, operation and use, there are certain residual risks and the possible dangers associated with them.
- The following symbols and their meanings have been used on the device and in the accompanying documentation to warn of possible dangers:



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

Failure to observe the safety instructions when using and operating the device may result in:

Danger of electric shock! Danger of serious injury or death!



This symbol alerts users to the fact that if the safety instructions for the use and operation of the device are not observed, there is a risk of:

Danger of serious injury or death! Danger of equipment damage or other property damage!



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



This symbol used on the product replaces the sentence: Do not immerse in water or other liquids!



Dangerous voltage!

### Unpacking/Packaging

- Unpack the device and accessories before putting them into operation and dispose of all parts of the packaging materials, labels and tags. Store packaging materials in a safe place, especially out of reach of children and incompetent persons, or dispose of them safely. Risk of serious injury! There is a risk of suffocation!

## **Inspection/Commissioning**

- Never use the device if it is incomplete, damaged or its parts or accessories have been damaged during use (eg due to a fall - tearing of the cable).

There is a risk of electric shock! Risk of serious injury!

## **Warning!**

- Prior to commissioning, make sure that the correct voltage is available.
- Before each use, check the power cord for damage.
- Do not use the appliance if you find any damage. Risk of serious injury! There is a risk of equipment damage or other property damage!
- Do not use the device in potentially explosive atmospheres where flammable liquids, gases or dust are present. Risk of serious injury! There is a risk of equipment damage or other property damage!

## **Operation/Supervision**

### **Warning!**

- This device may only be used with original and undamaged parts and accessories.
- Equipment that is not removed from the packaging must not be connected to a power source. There is a risk of fire!
- Do not expose the device to high temperatures, direct sunlight, excessive humidity or dust.
- Do not use or place the device near containers containing water. If the appliance falls into water, take it to a specialist garage to check that it is safe and working properly. There is a risk of electric shock! Danger of electrical short circuit!
- The appliance is not suitable for use in barns, stables, garages or similar places where dry or highly flammable material may be stored.
- Do not expose the device to rain or humid environments! If the device is intended for outdoor use, it must be protected by a pergola or roof.
- Do not spray the device with water or any other liquid.
- Use and store the device away from flammable and volatile substances or explosive dust.
- Do not place the appliance near heaters, open flames or other heat sources.
- Do not place the device on an inclined surface.
- Install the device up to your reach (for proper maintenance and operation).
- The device is intended for domestic use, not for industrial use. Do not use it for purposes other than the one for which it was made
- Do not repair or modify the device yourself - risk of electric shock. All repairs must be carried out by a specialist company/service.
- Cracking that you hear after the insect comes in contact with the safety net is a common phenomenon, not a device fault.
- Place the enclosure in a dark place where the insect comes from the outside and will respond to light.

## **POWER SUPPLY SAFETY INSTRUCTIONS**

- Do not grasp the AC adapter and cord and do not plug into an AC outlet with wet hands or the AC adapter plug or cord or the device itself is wet. Always wipe your hands, power cord, and device thoroughly with a dry cloth. There is a risk of electric shock!
- Never insert any conductive objects (such as a screwdriver, etc.) into the connector for connecting the AC adapter.  
Danger of electrical short circuit! Danger of explosion!
- Do not use travel adapters (for foreign outlets) as the power cord.  
There is a risk of electric shock! There is a risk of fire!
- To disconnect the device from the power supply by pulling the plug from the socket, do not pull on the power cord.

## **MAINTENANCE AND CLEANING**

- To clean the device, wipe it with a soft, dry cloth. Unplug the appliance before cleaning.
- Do not use water to clean the device!

## **LIQUIDATION**

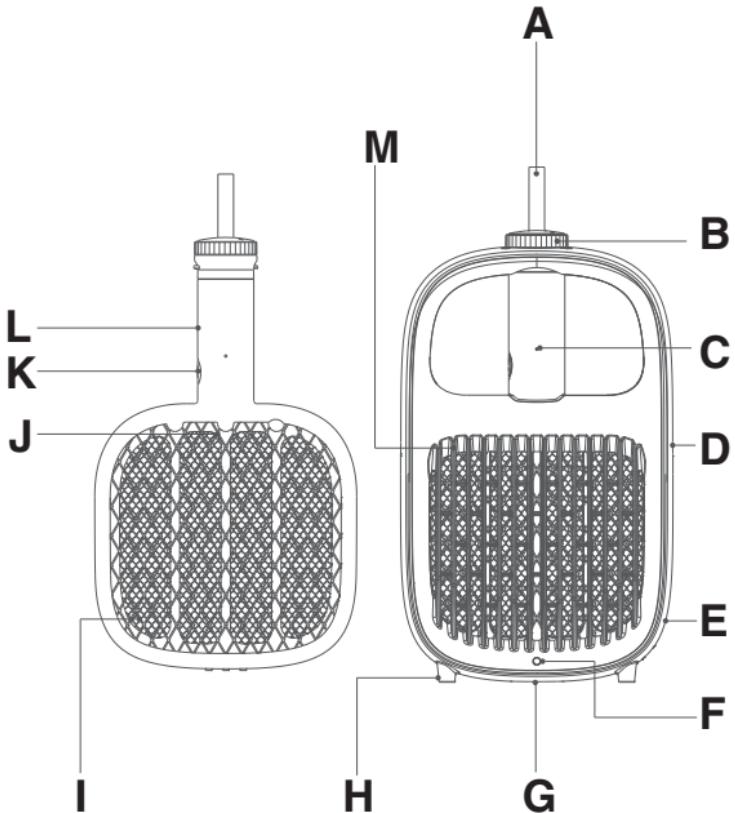
- At the end of its service life, return the device for recycling of electrical and electronic equipment.

## Basic information about the device

### Portable insect liquidator 2 in 1 MK-6

- Ecological disposal of insects using high voltage
- It does not produce any toxic substances, gases or other impurities
- Ultraviolet LED light
- Active and passive use
- Easy to use and maintain
- Rechargeable via micro USB

### Parts descriptions



**A** Hook for hanging

**B** Swatter security lock

**C** Charging lamp

**D** Stand

**E** Micro USB power connector  
(connecting the supplied cable and  
suitable AC power adapter)

**F** Light sensor

**G** On/off switch for the stand

**H** Feet

**I** High voltage conductive grid

**J** Swatter light control

**K** Swatter on/off button

**L** Swatter handle

**M** Ultraviolet LED light

# Operation

Follow the steps below to prepare put the device into operation.

## Power supply

The device is powered by a built-in Li-ion battery 130 mAh, 3.7 V. The battery is charged from a suitable AC adapter with a DC output voltage of 5 V, 500 - 1,000 mA using the supplied charging cable with USB connector and microconnector. Connect the AC adapter to an electrical outlet sockets, connect the USB connector of the cable to the AC adapter, and connect the mini connector to the mini connector on the device. During charging, the red charging LED (C) will light up and when it lights up green, the battery is fully charged.

You can also power the device from a PC by connecting the PC and this device with the supplied cable.

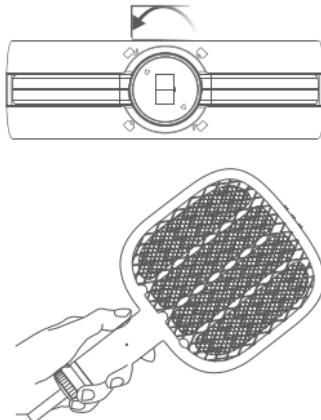
## Swatter function

1. Rotate the swatter security lock (B) toward the unlocked lock symbol and remove the swatter with stand (D).
2. Hold the swatter by the handle (L).
3. Press and hold the button (K), the red light to turn on the swatter (J) will light up and try to catch/hit the annoying insects.

### Note

Do not try to kill the insects by hitting the surface. Only hit him in the air. Do not use this mode while charging to avoid the most personal injury.

4. Release the power switch to turn off swatter mode.



## Insect killer function

1. Grasp the swatter by the handle (L) and slide it into the stand (D) until it clicks into place.
2. Turn the swatter security lock (B) toward the locked lock mark.
3. Connect the USB cable with the appropriate adapter to the microUSB charging slot (E).
4. Slide the switch (G) to the ON position to turn on the insect repellent mode. The grid lights come on to attract insects. To switch off the insect repellent, set the switch (G) to the OFF position.

### Note

For the insect repellent to work, the device's light sensor must detect darkness and the device must be plugged in.

## Cleaning and maintenance

Do not use solvents or harsh cleaners to clean any elements. Before each cleaning, make sure that the appliance is no longer connected to the mains. To increase the efficiency of fluorescent lamps, regularly remove insect remnants.

Do not use chemical solvents. Do not immerse the device in water or any other liquid.

Do not use harsh or aggressive cleaning agents that could damage the surface of the device.

When not in use, the appliance should be stored in a safe and dry place out of the reach of children.

## Technical specifications

<b>Power (charging):</b>	optional AC adapter with output DC voltage 5 V/0.5 - 1 A (not supplied) built-in rechargeable lithium battery 3.7 V, 130 mAh charging time approx. 3 hours
<b>High voltage:</b>	1 000 V
<b>Dimensions (W x H x D):</b>	17.5 x 29 x 5.4 cm
<b>Weight:</b>	590 g

We reserve the right to make changes!

**Producer:**

ORAVA retail 1, a.s.  
Seberíniho 2  
821 03 Bratislava  
Slovenská republika

**Importer:**

ORAVA retail 1, a.s.	ORAVA distribution CZ, s.r.o.
Seberíniho 2	Ostravská 494
821 03 Bratislava	739 25 Sviadnov
Slovenská republika	Ceská republika

**INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING**

Dispose of used packaging material at a municipal waste disposal site.

**DISPOSAL OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT**

 This symbol on the products or in the accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper disposal, recovery and recycling, please return these products to designated collection points. Alternatively, in some countries of the European Union or other European countries, you may return your products to your local retailer when purchasing an equivalent new product. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment natural resources and help prevent potential negative effects on environment and human health, which could be the consequences of improper disposal waste. Contact your local authority or nearest office for more details collection point. Improper disposal of this type of waste may result in penalties in accordance with national regulations.

**For business entities in the countries of the European Union**

If you wish to discard electrical and electronic equipment, please request the necessary information from your seller or supplier.

**Disposal in other countries outside the European Union**

This symbol is valid in the European Union. If you wish to discard this product, please request obtain the necessary information on the correct method of disposal from the local authorities or from the your supplier.



This product meets all the essential requirements of the EU directives that apply to it.