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MADE IN GERMANY

TopLine

230V

Ni 6500

EN | User manual

Manufacturer: AKO-Agrartechnik GmbH & Co. KG

Contents

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Congratulations

... to your new AKO electric fence energizer!

Dear Customer,

We are pleased that you have decided to purchase a new AKO electric fence energizer.

Please read the following operating instructions carefully. They contain important safety information and tips to help you properly install and operate your electric fence energizer and thus ensure optimal performance of your electric fence system.

The electric fence energizer complies with the currently valid safety regulations.

Please feel free to contact us with any questions at: +49 7520 9660 0

Your AKO team

This document

... describes the following electric fence device!

brand	Device type	Device family	Article number
AKO	Ni 6500	230 Volts	372801

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Important instructions

... about the procedure!

...during the installation of the device

ÿ Read these operating instructions and safety information carefully. ÿ
During installation, it must be ensured that all national safety regulations are complied with.

...for operation

ÿ Only use trained personnel for operation. ÿ Perform a function
test of the device before connecting it to the fence system. ÿ Switch off the electric fence energizer before
carrying out any work on the fence system or the energizer.
Make sure that no one else can switch on the electric fence device during this time, if necessary via app.

ÿ The electric fence energizer may only be operated in its original condition, as delivered.
Any changes are the responsibility of the operator.

...for maintenance & repair

ÿ Maintenance and repair of the device may only be carried out by the manufacturer, a qualified electrician, or instructed persons under the direction and supervision of a qualified electrician, in accordance with electrical engineering regulations. ÿ Use only
original spare parts. Using other spare parts will void the warranty. ÿ If the device is repaired by the manufacturer at the
manufacturer's expense, you will receive a new 2-year warranty on the entire device.

...Co-Applicable Documents

ÿ All available user manuals can be found at
www.my-manual.eu

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Product description

230V

Device type | Ni 6500

The device has the following features:

- Connection for 230 volt mains operation
- I-0 switch (I=AN=ON | 0=OFF=OFF)
- LED bar graph display for optical monitoring the fence and ground voltage
- Fence exit strong (red)
- Fence exit weak (yellow)
- Intelligent power adjustment (alarm & delay)

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Model	Item No.	In	Out max.	max.	No Load	100 Ω	500 Oh	theor.	max.	max.	max.	50 m	1m	2m	
Ni 6500	372801	9 J	6.5 J	11,200 V	10,200 V	4,900 V	8,800 V	200 km	45 km	10 km	5 km	20	6	3	6.9 W

Technical Data | Status: WK2026-200

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Product description

Device series: Ni

Safety function

according to EN 60335-2-76

ÿ With a high fence load (<500 ohms), this device increases the current after a delay.
Within 15 seconds, the initial energy increases to over 5 joules, automatically adjusting the impact strength to vegetation growth, weather conditions, and fence condition.

ÿ When the device is operating with a low load (more than 1000 ohms) and the load
If the resistance suddenly increases so sharply for 6 consecutive pulses that it drops below 400 ohms, the device enters an alarm mode.
The pulse interval is then extended to over 3 seconds; the device emits acoustic
and a visual alarm. If this load lasts longer than approximately 10 minutes, the alarm is deactivated and the device reverts to the normal pulse interval. If the load decreases again within 10 minutes of the alarm being activated and the load resistance exceeds 600 ohms, the alarm is reset and the device resumes normal operation.

ÿ If the device is in alarm mode, it must be switched off immediately and
The fence system needs to be inspected!

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Product description

Device features

Strong fence voltage in kV
(red knurled nut)

Bargraph in the area of the upper
Displays refers only to the strong
fence exit.

I-0 switch
I = LOW Mode
0 = OFF|OFF

Earth voltage in kV
The bargraph in the area
of the lower display refers
only to the earth voltage.

230 volt connection
Power outlet

Earth connection device
(Main grounding)
min. 6x1m ground rods
or
min. 3x2m ground rods

Fence exit weak Optional
fence exit for reduced device
power (e.g. for small fence
systems, paddocks, etc.).

This "weak" exit can be used
simultaneously for a separate fence,
in addition to the "strong" exit.

Fence exit powerful
fence exit for maximum
device performance at the fence.

This "strong" output can be
used simultaneously for a
separate fence in addition to the
"weak" output.

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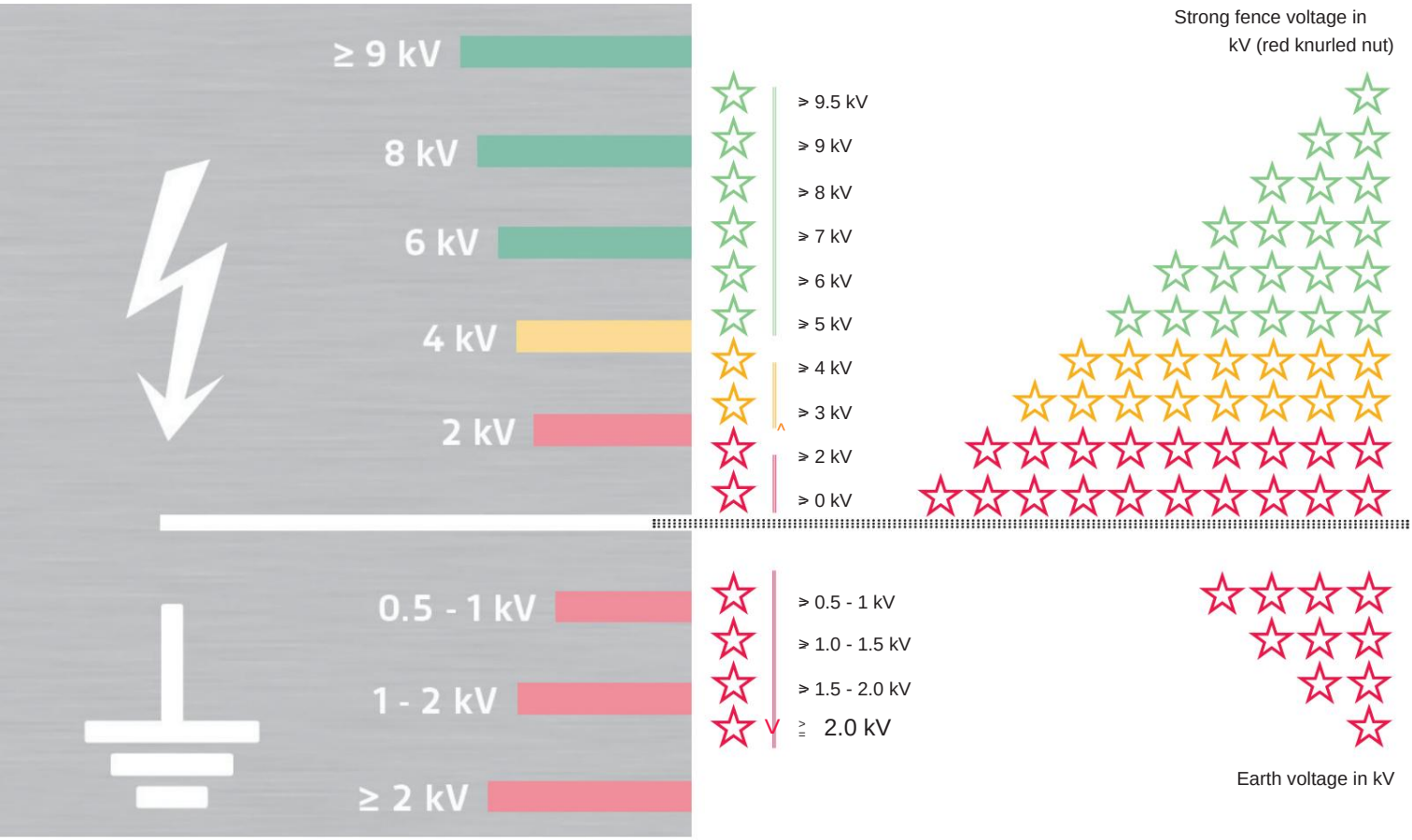
Product description

Bar graph: Blinking behavior



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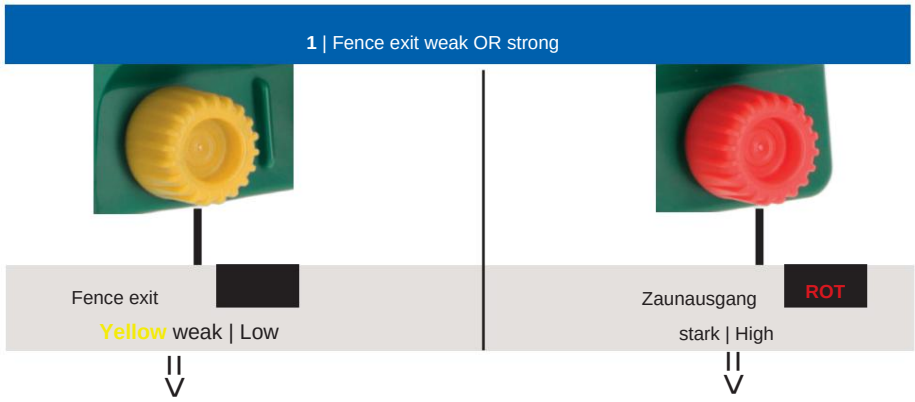
Product description

The selection of output power

Combination of fence output device & switch position device



0 OFF

max.: 10.200 V max.: 0.6 Joule	max.: 8.000 V max.: 0.3 Joule	max.: 6.000 V max.: 0.2 Joule	max.: 10.200 V max.: 6.5 Joule	max.: 8.000 V max.: 4.6 Joule	max.: 6.000 V max.: 3.0 Joule
1,5 Sek. Impulsabstand			1,5 Sek. Impulsabstand		

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Functional test of an electric fence energizer **WITHOUT** fence & ground

Step 1 | Connect the power supply

ÿ • 230 Volt mains operation: Please plug the mains plug into the socket.

Step 2 | I-0 Switch to I ÿ The

LED indicator lights in the bargraph flash in time with the pulses (green/yellow/red).

ÿ A "click" sound can be heard in time with the music.

ÿ The electric fence energizer is functional.

× A NOTICE

If the LED indicator lights in the bar graph are not flashing, the power supply must first be checked.
If no fault can be found there, the device should be checked by a specialist.

Step 3 | Set the I-0 switch to 0 and disconnect the power supply for further steps.

0 = OFF

I = AN | ON

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commissioning

Functional test of an **electric** fence energizer WITH a connected fence system (earth connection & fence connection)

ÿ Ground connection:	Connect the electric fence energizer to the ground connection cable of your fence system (using the ground rod).
ÿ Fence connection:	Connect the electric fence energizer to your fence system using the fence connection cable (with the conductor material).
ÿ Power supply: ÿ Fence voltage > 7.0 kV: ÿ Ground voltage < 1.0 kV:	Plug the power cord of the electric fence energizer into the 230 volt socket. Fence voltage OK, ground voltage OK

Possible power supplies

... 230 volt power supply!

Type	230 Volts power supply (Power plug fully assembled)
Ni 6500	ÿ

Key data

Included in the delivery:

ÿ 1x electric fence energizer
ÿ 1x warning sign

Technical details:

ÿ Dimensions (L x W x H) of electric fence energizer: 310 x 240 x 110 mm ÿ Dimensions (L x W x H) of folding box: 390 x 295 x 150 mm ÿ Weight of electric fence energizer: 3.54 kg ÿ Operating temperature: -20° to +60° ÿ Protection class: IP44

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Montage | Installation

... Fastening!

- When mounting the electric fence energizer on the building, it must be attached to a vertical, fireproof wall with the connections facing downwards. They can be mounted. The same applies to mounting on posts, metal boxes, etc.

- When installed outdoors, the electric fence energizer should also be protected from rain and direct sunlight.

× A NOTICE

Danger to life from electric shock
The electric fence energizer must not be used as an animal trainer in the stable!

- When installed inside a building, the GPS location function (via smart app) may be impaired. or not work.

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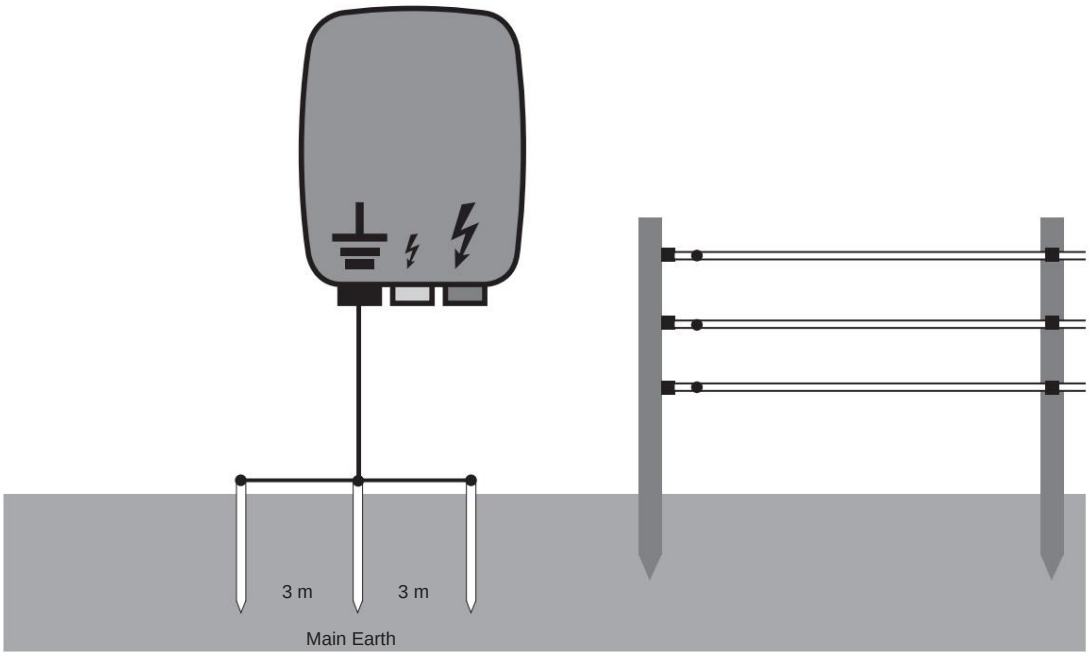
Montage | Installation

... Main grounding!

ÿ A correct main grounding is crucial for the function of the device as well as the entire fence system.



ÿ When using multiple ground rods, the distance between the rods should be approximately 3 m.

ÿ Ground rods should preferably be made of cross or T-profile or of pipe material (diameter at least 10 mm).

ÿ Ground rods should be permanently corrosion-resistant, so preferably made of hot-dip galvanized steel or stainless steel.

ÿ All connections in the grounding area must be corrosion-resistant and securely screwed or clamped.

ÿ The electric fence energizer must not be connected to the building's ground!
The main grounding of the electric fence energizer must be separate from the building's grounding (protective and operational ground of the network) (minimum distance of 10 m). It must be installed in a **location that is as moist and vegetated as possible** and should meet at least the following requirements according to Table 1:

Table 1 | Minimum number of ground rods depending on the device's power output

Impulseenergy	< 1 J	1.0 J bis 1.5 J	1.6 J bus 5 J	6 J bus 15 J
Earth rod length	1.0 m/J[a]	1 month	1 month	2 months
Number of ground rods	1st	1st	2nd	3rd

[a] Applies to moist, highly conductive soils; in dry and poorly conductive soils, the number of ground rods must be gradually increased or the length of the ground rods increased so that the voltage between the ground terminal of the device and the ground drops below 500 V when the fence is under load (fence voltage less than 2,000 V).

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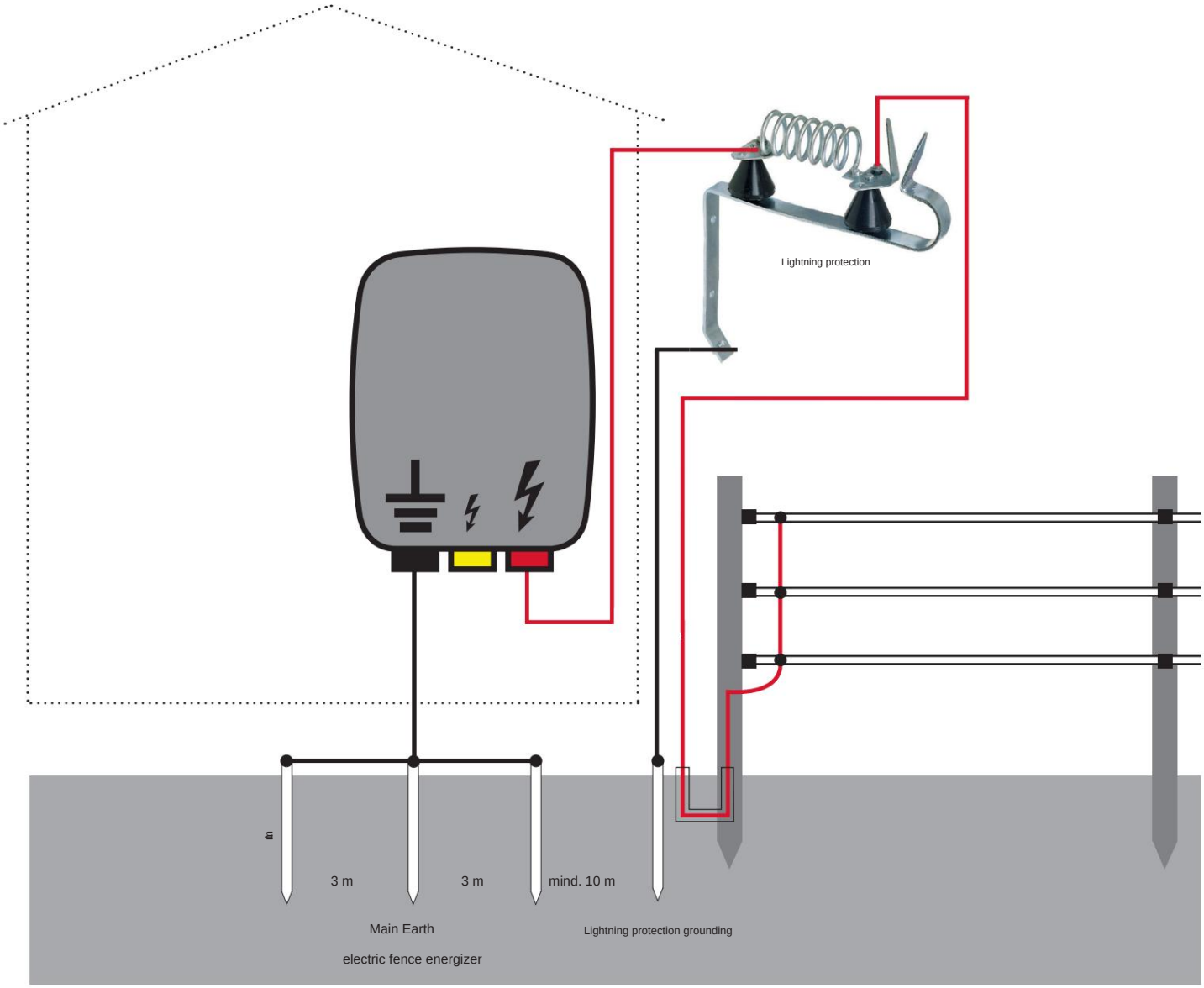
Montage | Installation

... Lightning protection & fence connection!

- Before a fence feeder is introduced **into a building,** a lightning protection device (e.g. a spark gap) made of at least fire-resistant components according to DIN 4102-1 must be installed outside the building.

- The lightning protection device must not be connected to the main earthing of the electric fence energizer. If a building lightning protection system is present, the grounding conductor of the lightning protection device should be connected to the grounding of this system.

- Otherwise, a separate earthing system is required for the lightning protection device.



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Conducting examinations

... daily!

The following checks must be carried out:

Daily measurements along the fence must ensure that the voltage is at least 2,000 V at every point. Depending on the animal species and soil conditions, the following values are recommended for free-range farming:

Animal species	Fence voltage under normal soil conditions V min.	Fence voltage in dry soil In min.
domestic pig	2.000	2.000
pets	2.000	2.000
Horse	2.000	3.000
Bovine	3.000	4.000
Sheep | Goats	4.000	5.000
poultry	4.000	5.000
Wildlife | Wolf	4.000	5.000

ÿ The electric fence energizer must be checked daily according to the operating instructions, in particular the output voltage and – in the case of battery-powered devices – the battery voltage. Batteries or accumulators must be recharged or replaced as necessary.

The fence's mechanical condition must be checked regularly (e.g., weekly). **All** connections on fence leads, fence wires (e.g., knots), and ground wires must be regularly checked for proper contact **(avoiding** loose connections) to ensure proper operation and prevent radio interference (at least weekly).

The insulators and fence conductors must be regularly checked for embrittlement and/or damage and replaced if necessary .

Special applications

Limiting the output energy is recommended for the following special applications:

For pigeon deterrent systems: max. impulse energy 0.5 J ÿ For cat and dog fences: max. impulse energy 1 J ÿ ÿ For raccoon and marten fences: max . impulse energy 2 J ÿ For electric fences on stand-off insulators: max. impulse energy 5 J ÿ For positive-negative fences: max. impulse energy 5 J

Other specialized applications include electric fences in zoos or wildlife enclosures. The installation of such systems may only be carried out by qualified electricians. A mechanical safety fence must be in place to separate visitors from the electric fence.

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Dismantling | Decommissioning

... Dismantle your electric fence energizer!

ÿ Switch off the device .

ÿ Disconnect all connections to the electric fence and grounding. ÿ Remove the electric fence energizer from the wall or bracket. ÿ Store properly.

Dismantling | Decommissioning

... Storage of your electric fence equipment!

ÿ Store the electric fence energizer in a dry place.

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Troubleshooting / Remedy

... The electric fence equipment check!

Testing electric fence energizer

Problem

Insufficient power in the fence!

Use a fence tester to check the voltage on the fence!

Robust animals: at least 4,000 volts?

Sensitive animals: at least 2,500 volts?

NO

Turn off the device

Disconnect the fence connection directly at the device, but leave the ground connection in place.

Turn on the device

Use a fence tester to check the output voltage directly at the device!

Tip 1

1. Remove the knurled nuts from the ground and fence outlets.
2. Connect the device's ground output with the ground rod of the fence inspector
3. Connect the device's fence output with the fence inspector

Voltage over 6,000 volts?

AND

Turn off the device

Reconnect the device to the fence

Turn on the device

NO

Is the device's power supply working correctly?

AND

Service

NO

Tip 2

1. 9 Volt battery:
Red flashing light => Battery is empty
2. 12 Volt battery:
Red flashing light => battery is empty
3. 230 Volt mains power:
LED not blinking => no power supply

- Replace the 9-volt battery
- Charge a 12-volt battery
- Have the 230-volt power supply checked by a qualified professional

Use a fence tester to check the voltage on the fence!

Robust animals: at least 4,000 volts?

Sensitive animals: at least 2,500 volts?

AND

Problem solved

NO

Test Fence supply line

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Troubleshooting / Remedy

... The fence connection and grounding check!

Testing fence supply line

Check the fence voltage at the end of the fence lead!

Voltage over 6,000 volts?

AND

Turn off the device

Reconnect the fence power cable to the fence!

Turn on the device

NO

The cable from the device to the fence is defective.

Use a fence tester to check the voltage on the fence!

Robust animals: at least 4,000 volts?

Sensitive animals: at least 2,500 volts?

AND

Problem solved

NO

Fence inspection & Grounding

Check the grounding ÿ Measure the voltage directly at the grounding rod!

Voltage directly at the ground rod Over 1,000 volts?

AND

Improve grounding

NO

Fault lies in the fence ÿ Voltage loss at the fence

Use a fence tester to check the voltage on the fence!

Robust animals: at least 4,000 volts?

Sensitive animals: at least 2,500 volts?

NO

AND

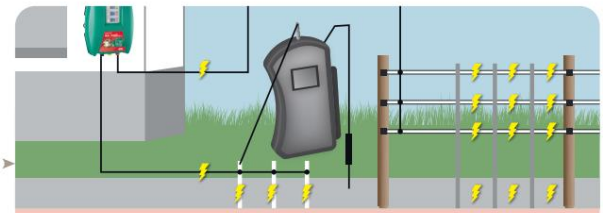
Everything OK

Tip 3

1. Turn off the device.
2. Disconnect the fence supply cable from the fence.
3. Turn the device back on.
4. Use a fence tester to measure the voltage at the end of the fence lead cable.

Tip 4

1. Underground fence feeder
The underground cable is defective -> Use a high-voltage-resistant underground cable
2. Above-ground fence feeder
Check the fence wire for any breaks or interruptions (e.g., is the wire in contact with the building, e.g., ivy, gutter, bushes, etc.)?



Tip 5

How do I measure the voltage directly at the ground rod?

1. Short-circuit the fence wire approximately 10 m away from the device's grounding point using iron rods
2. Check the voltage directly at the device's ground rod using a digital voltmeter.

Tip 7

1. Remove any vegetation growing on the fence!
2. Ladder material is lying on the ground => tension/connect
3. Poor conductor material => replace with highly conductive conductor material (< 1 Ohm/m)
4. Conductor material is knotted => use stainless steel connectors
5. Insulator fails => replace with a new insulator
6. Broken metal conductor wires => conductor material exchange
7. Improve conductivity => Conductive material series approximately every connect 200 m vertically

Tip 6

1. Ground rods placed away from the building in consistently moist soil
Drive in at least 1 m deep.
2. Drive several ground rods at intervals of at least 3 m.
strike and connect together
3. Ground rods must be made of non-rusting material.
They must
be made of materials such as stainless steel or galvanized steel.

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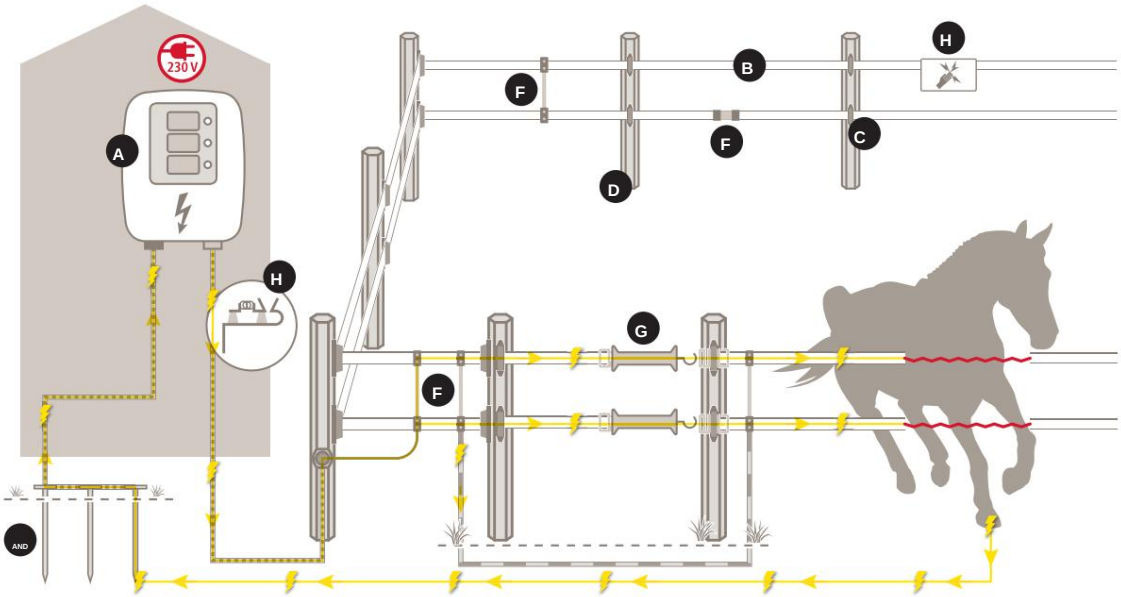
How it works

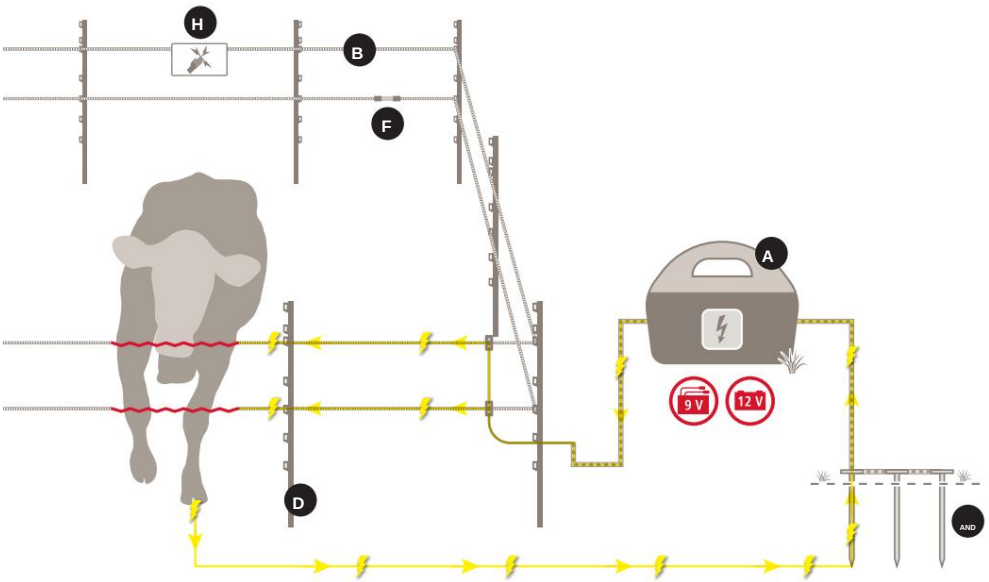
... Permanent fence with 230 volt power supply!



An electric fence device
B Conductor material
C insulators
D piles
E Grounding
F connections
G Torsystem
H Safety components

How it works

... Mobile fence with 9 volt or 12 volt supply voltage!



An electric fence device
B Conductor material
D piles
E Grounding
F connections
H Safety components

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How it works

... Explanation of how the electric fence system works!

The electric fence energizer sends an electrical pulse to the connected fence system approximately every 1.5 seconds.

These impulses deliver a harmless electric shock to the animal when it comes into contact with the fence.
This shock remains in the animal's memory and causes it to avoid the fence.

This type of fence system makes it easy to keep a wide variety of animal species.

Tips & Tricks:

- Choose the appropriate electric fence energizer for your fence length and the type of animal you are containing.
  If necessary, seek advice from a specialist retailer.
- Check local regulations regarding the fencing of animals.
- Check the fence system regularly.
- Avoid short circuits! Remove vegetation, branches, bushes, etc., that could cause electrical current to leak from the fence and thus reduce its effectiveness. Avoid ground contact with the conductor material. Regularly tighten your conductor material.
- All animals that are new to a facility need time to learn to respect it.
- Jumping animals are difficult to contain; this may be solved by adjusting fence heights or using plus/minus applications.
- Use high-quality conductor material (< 1 Ohm/Meter resistance) and insulators.
  Replace defective and weathered insulators.
- Do not knot the conductor material; instead, use special connectors available from specialist retailers (e.g., Litzclip).
- Poor grounding, ground rod too short, rust, dry soil! Use only non-rusting ground rods (galvanized or stainless steel).
  Drive the ground stake all the way in! Use several long ground stakes and connect them together!
- Be sure to use special high-voltage resistant cables to connect multiple pastures or to bridge gates underground.
- For longer distances between the electric fence energizer and the fence system, please use high-voltage, double-insulated, single-core cables. These are available from specialist retailers.

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Security

Behavior in an emergency

• Person/animal is caught in the fence > switch off immediately! • Device flashes faster than 1 second > switch off immediately!
• Cable break or short circuit > switch off immediately!
• Alarm tone > switch off immediately!

Security

Safety-related information

Please follow these instructions carefully and keep them in a safe place after installation.

If the power cord of this device is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to avoid hazards.
Service and repairs should only be carried out by authorized professionals!
Children must not play with the device!

Electric fences must be installed and operated in such a way that they do not pose an electrical hazard to people, animals or their surroundings.

This device must not be used by persons (including children) with physical, sensory or mental limitations, or who lack sufficient experience and expertise, unless they are supervised or instructed in its use by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device. (A2:06)

Caution: Avoid touching electric fences, especially with your head, neck, or upper body. Do not climb over, under, or through the fence. Use a gate or other designated crossing point to pass through the fence.

• Electric fences in which animals or people could become entangled should be avoided.

• An electric fence must not be powered by two (or more) different devices or by independent fence circuits of the same device.

• If there are two (or more) different electric fences, each powered by a different device, the distance must be
The distance between the wires of the different electric fences must be at least 2.5 m. If this gap needs to be closed,
This must be done using an electrically non-conductive material or an insulated metal barrier.

• Barbed wire or sharp-edged wire must not be used as an electric fence.

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Security

Safety-related information

• All parts of an electric fence installed along a public road or path must be marked at frequent intervals with warning signs securely attached to a fence post or clipped to the fence wires. The warning signs must be yellow on both sides and bear the inscription "Caution - Electric Fence" or the corresponding symbol. The warning sign must be at least 200 mm x 100 mm in size.

• A distance of at least 10 m must be maintained between the earthing rod of the device and any other earthing system, such as the protective earthing of the power supply system or the telecommunications system.

• The device's grounding rod must penetrate the ground to a depth of at least 1 meter. Care must be taken to ensure that no cables or pipes are damaged. Connecting lines operating at a voltage above 1 kV and running inside buildings must be effectively insulated from the building's grounded components. This can be achieved by maintaining sufficient distance between the connecting lines and the building structure or by using insulated high-voltage conductors for the connecting lines.

• Connecting cables running underground must be laid in insulating conduits, or insulated high-voltage cables must be used. Care must be taken to ensure that connecting cables are not damaged by animal hooves or tractor wheels that may sink into the ground. Connecting cables must not be laid in the same conduit as power supply lines, communication lines, or data lines. Connecting cables and wires for electric fences must not be laid above high-voltage or telecommunications overhead lines. Crossings with high-voltage lines must be avoided wherever possible. If such a crossing is unavoidable, it must be made below the high-voltage line and at as close to a right angle as possible.

If connecting cables and wires of electric fences run near a high-voltage overhead power line, the air distances must not be less than in the table below.

Voltage of the high-voltage line	air route
<= 1,000 Volts	3 Meter
> 1,000 <= 33,000 Volts	4 Meter
> 33,000 Volts	8 Meter

When connecting cables and wires of electric fences are installed near a high-voltage overhead power line, their height above the ground must not exceed 3 m.

This height applies on each side of the perpendicular projection of the outermost conductor of the high-voltage power line onto the ground surface, for a distance from

• 2 m for high-voltage cables operating at a nominal voltage of up to 1,000 V
• 15 m for high-voltage power lines operating at a nominal voltage of more than 1,000 V

If connecting lines and wires of electric fences are laid near a telecommunications line or cable, a distance of at least 2 m to the line or cable must be maintained.

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Security

Safety-related information

Electric fences intended for deterring birds, containing pets, or training animals such as cows (cow trainers) should only be powered by low-power devices to ensure sufficient and safe effectiveness. Only devices specifically designed for barn use should be used!

For electric fences designed to prevent birds from perching on buildings, no wire of the electric fence may be grounded. A warning sign (so) must be affixed at all points where people have free access to the conductors.

A non-electrified fence containing barbed wire or sharp-edged wire may be used to support one or more electrified wires of an electric fence. The supporting devices (spacers) for the electrified wires must be arranged to ensure that these wires are at least 150 mm from the vertical plane of the non-electrified wires. The barbed wire must be grounded at regular intervals.

If an electric fence crosses a public footpath, a non-electrified gate or a crossing point using a fence stile must be provided at that point. At each such crossing, any nearby electrified wires must bear yellow warning signs (so).

When mounting the electric fence energizer on the building, it must be attached to a vertical, fireproof wall with the connections facing downwards. The same applies to mounting on posts, metal boxes, or similar structures. All cables and wires, as well as fence connections, must be installed well away from flammable materials. The electric fence energizer itself must be mounted on a non-flammable material.

When installed outdoors, the electric fence energizer should also be protected from rain and direct sunlight.

To prevent lightning damage, the fence wire must be routed through a surge protection device with a choke and spark gap before being connected to the electric fence energizer. This device must be mounted on a non-combustible material on the building's exterior wall. This also applies to combination devices when operated with a mains adapter.

Before a fence feeder is installed **into a building,** a lightning protection device (e.g. a spark gap) must be installed.
to be installed outside the building using at least fire-resistant components according to DIN 4102-1.

The lightning protection device must not be connected to the main earthing of the electric fence energizer.
If a building lightning protection system is present, the grounding conductor of the lightning protection device should be connected to the
This system must be connected to the grounding system.

Otherwise, a separate earthing system is required for the lightning protection device.

Do not connect the device's grounding terminal to existing grounding wires of the power supply network.

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Security

Safety-related information

Every user of electric fence systems is legally obligated to check the fence device and the fence system regularly, according to the operating conditions, at least once a day!

• Visual inspection of the equipment and the fence system.
• Measurement of a minimum voltage of 2000V at every point on the fence

Overvoltages caused by thunderstorms can damage the insulation of electric fence energizers. In such a case, mains voltage could reach the electric fence, seriously endangering people and animals.

Therefore, we generally recommend connecting mains-powered electric fence energizers only to power lines protected by a residual current device (RCD) with a maximum tripping current of 30 mA. Furthermore, it is advisable to disconnect mains-powered electric fence energizers from the mains and, if possible, from the fence during thunderstorms.

If a residual current device (RCD) is not available for power supply and the device was connected to the fence system during a thunderstorm, it must be thoroughly tested before being put back into operation. At least one mains connection equipped with an RCD must be available for this purpose.

For testing, the device's grounding terminal is connected to the protective conductor of this power supply network, and then the device's power plug is connected to the residual current device (RCD) socket. If the device cycles correctly and shows no deviation from normal behavior, it can be reconnected to the fence. However, if the RCD trips when the device is connected, the device must no longer be used and must be repaired by a qualified technician.

If the power cord of this device is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to avoid hazards. Service and repairs should only be carried out by authorized professionals!

The use of electric fence energizers with an output power far exceeding the required capacity should be avoided.

In areas where unsupervised children are regularly expected – especially near residential areas – the output power for this section of the fence must be limited. This can also be achieved by:

• the use of a reduced-power output or
• for devices with an output power of more than 2.5 J with a series resistor of at least 470 ÿ built into the fence supply line.

A minimum distance of 2.5 m between live, uninsulated fence conductor and metallic supply equipment, such as...
B. drinking troughs or water pipes, must be observed.

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Guarantee

...your faulty electric fence energizer!

In addition to the statutory warranty, we offer a guarantee in accordance with the following conditions:

- The electric fence energizers in this series come with a manufacturer's warranty of 5 years from the date of purchase, in accordance with the warranty conditions.
- Warranty claims are checked and accepted by the manufacturer exclusively upon presentation of the invoice or receipt.
- The warranty begins on the date of purchase by the end customer from a specialist retailer.
- The buyer is responsible for the cost of sending in the defective device. Return shipping to the customer is free of charge.
- The warranty applies when the product is used as intended, in accordance with the operating instructions.
- The warranty is void if unauthorized persons tamper with the product or if third-party replacement parts are used.
- Any defects attributable to material or manufacturing defects will be remedied by repairing or replacing the electric fence device.
- The warranty excludes batteries or rechargeable batteries of any kind, damage caused by overvoltage (including lightning strikes), damage caused by leaking battery acid, and water damage.
- Repairs carried out by the end customer using original spare parts do not extend the original warranty period.

Declaration of Conformity

...your electric fence energizer!

- The corresponding declaration of conformity can be requested from AKO-Agrartechnik GmbH & Co. KG.

  Please send an email to: info@ako-agrar.de

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Correct use

...your electric fence energizer!

ÿ The electric fence energizer is designed for containing a wide variety of animals. ÿ

The electric fence energizer is designed for keeping out/excluding a wide variety of animals.

WARNING: The electric fence energizer is NOT designed for herding various animals.

Misuse

...your electric fence energizer!

ÿ We assume that the design, implementation, and integrated safety measures undertaken by AKO-Agrartechnik GmbH & Co. KG will largely prevent any misuse or abuse by the operator's personnel.

ÿ Danger to life from electric shock

ÿ The electric fence energizer must not be used as an animal trainer (in the stable)!

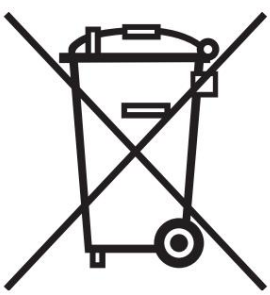
Misuse and misapplication include, but are not limited to: • any action deviating from the operating and usage concept as described in the operating instructions. • Failure to observe usage-relevant specifications. • Use outside the permissible technical operating limits. • Removal of housing parts, power cables, or connectors. • Tampering with, altering, or bypassing protective and safety devices. • Operation by untrained personnel and actions contrary to the user concept (user groups).

Unauthorized structural modifications to the electric fence system can compromise safety.

Disposal

...your defective electric fence energizer!

ÿ If you wish to dispose of the electric fence energizer, please contact your local recycling center or alternatively AKO-Agrartechnik GmbH & Co. KG.



Every consumer is legally obligated to dispose of old devices properly.

Please do not dispose of the electric fence energizer with your normal household waste.

In doing so, they make an important contribution to environmental protection.

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Responsibilities

... of the device manufacturer!

ÿ The electric fence device described in these instructions is designed and built in accordance with the basic standards and guidelines listed in the EC Declaration of Conformity and therefore complies with the EU standard for CE marking.

ÿ This device was placed on the market in accordance with the RED Directive (2014/53/EU) and can be used throughout the European Union and Switzerland. The full text of the EU Declaration of Conformity is available at the following web address: **www.kerbl.com/doc**

Responsibilities

... of the operator!

The operator of the device must ensure the following:

ÿ The electric fence energizer must always be in absolutely safe condition.
In the event of a malfunction of the device or if parts of the device are defective, the electric fence energizer must be stopped immediately and the responsible person informed.
Please send the electric fence energizer to the manufacturer or a specialist for repair.

ÿ All persons working on this electric fence energizer must have read and understood these instructions before putting the electric fence energizer into operation.

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Contact information

... in all Interests!

Service / Warranty Repairs

AKO-Agrartechnik GmbH & Co. KG
Karl-Maybach-Straße 4
88239 Wangen-Geiselharz Germany

Telephone +49 7520 9660 25
Fax +49 7520 9660 89
service@ako-agrar.de
www.ako-agrar.de

A NOTICE

For repairs outside the warranty period, you will receive a free cost estimate from us.

If you have your device repaired for a fee, you will then receive another 2 years of warranty on the entire device.

Sales / Product Information

Albert Kerbl GmbH
Felizenzell 9
84428 Buchbach
Germany

Telephone +49 8086 933 577
Fax +49 8086 933 152
weidezaun@kerbl.de
www.kerbl.de

A NOTICE

You can find the repair slip for sending in the repair at:

www.ako-agrar.com/de/service/download