



Installation and operation manual

Single-family audio doorphone set LEKIO

OR-DOM-YR-934/B



STOP!

Be sure to read the **operating manual** before installation!
Damage resulting from incorrect installation
ARE NOT SUBJECT TO WARRANTY REPAIRS!



TABLE OF CONTENTS

1. SAFETY INSTRUCTIONS.....	2
2. PRODUCT DESCRIPTION.....	3
3. INTENDED USE.....	3
4. TECHNICAL DATA	3
5. SET CONSTRUCTION.....	4
6. INSTALLATION	4
Indoor unit installation.....	4
Outdoor unit installation.....	5
Electric door strike control module installation.....	5
7. WIRING DIAGRAM.....	6
8. SET OPERATION	6
9. CLEANING AND MAINTENANCE.....	7
10. AFTER-SALES SERVICE.....	7
11. SAFETY-RELATED COMMUNICATION CHANNELS.....	7
12. ADDITIONAL INFORMATION.....	8

1. SAFETY INSTRUCTIONS

Warnings and precautions for the safe use of the product:

1. Before using the device, read this user manual carefully and keep it for future reference.
2. Self-repairs or modifications will void the warranty.
3. The device may only be used as intended. Any other use is considered unsafe.
4. The manufacturer is not liable for damages resulting from improper installation or use of the device.
5. Perform all tasks with the power supply disconnected.
6. Do not immerse the device in water or other liquids.
7. Do not operate the device if the housing is damaged.
8. Do not cover the device. Ensure free airflow.
9. Do not install the device near sources of strong radiation, e.g. lifts and other drive systems powered by alternating current.
10. Avoid striking, shaking, or colliding other objects with the device, as this may cause damage to the internal components of the unit.
11. The product is not a toy. Keep away from children.
12. Connect only as indicated in the wiring diagrams.

Disposal instructions



Each household is a user of electrical and electronic equipment, and hence a potential producer of hazardous waste for humans and the environment, due to the presence of hazardous substances, mixtures and components in the equipment. On the other hand, used equipment is valuable material from which we can recover raw materials such as copper, tin, glass, iron and others. The WEEE sign placed on the equipment, packaging or documents attached to it indicates the need for selective collection of waste electrical and electronic equipment. Products so marked, under penalty of fine, cannot be thrown into ordinary garbage along with other waste. The marking means at the same time that the equipment was placed on the market after August 13, 2005. It is the responsibility of the user to hand the used equipment to a designated collection point for proper processing. Used equipment can also be handed over to the seller, if one buys a new product in an amount not greater than the new purchased equipment of the same type. Information on the available collection system of waste electrical equipment can be found in the information desk of the store and in the municipal office or district office. Proper handling of used equipment prevents negative consequences for the environment and human health!



Used batteries and/or accumulators should be treated as separate waste and placed in an individual container. Used batteries or accumulators should be taken to a collection/receipt point for used batteries and accumulators. For information on collection/collection points, contact your local authority or your local dealer. Used equipment may also be returned to the seller in case of purchase of a new product in a quantity not greater than the new purchased equipment of the same type. The product is equipped with a portable battery. Please refer to the following manual for instructions on how to install and remove batteries.

02/2025

Applied markings



Product compliant with CE standard.



Manufacturer.



Disposal of used electrical equipment.



Disposal of used batteries and accumulators.



Additional documentation and/or user manual.



2. PRODUCT DESCRIPTION

The LEKIO audio doorphone is designed for installation in single-family buildings, making it an ideal solution for homes without wiring leading to the wicket. The device enables remote communication between the outdoor and indoor units, as well as direct control of the electromagnetic lock via the radio control module. It allows for convenient conversations without the need to pick up the handset, features a 4-step volume adjustment for the doorbell, and offers a selection of 38 melodies. The outdoor unit is highly resistant to harsh weather conditions, with an IP54 protection rating and a protective rainshield. Its compact design ensures it fits even on narrow posts. No need for power cords for convenience of use with a rechargeable battery. Installation is quick and simple – just place the indoor unit in the charging base. The hands-free indoor unit provides additional comfort, while the long-range communication allows the outdoor unit to be mounted on the door or wicket at a considerable distance from the house. The system can be expanded with additional indoor and outdoor units, supporting up to five components in any configuration.

3. INTENDED USE

The set is designed for installation in single-family buildings. The outdoor unit is suitable for surface-mounted, outdoor installation. The indoor unit is intended for surface/tabletop mounting in dry rooms. The system allows remote communication and access control, making it ideal for houses, apartments, or other properties with access control requirements.

4. TECHNICAL DATA

TYPE OF DEVICE:	single-family
COMMUNICATION SYSTEM:	wireless
RANGE IN THE OPEN FIELD:	≤440m

INDOOR UNIT

FREQUENCY:	425~440MHz
NUMBER OF RINGTONES:	38
VOLUME CONTROL:	yes
SUPPLY VOLTAGE:	3,7V DC (18650 battery) or 5V DC (USB)
POWER CONSUMPTION:	≤3mA (standby), ≤450mA (work)
MAXIMUM TRANSMITTER POWER:	<10mW
WORKING TEMPERATURE:	-10°C ~ +40°C
MOUNTING:	surface-mounted/tabletop
MATERIAL:	plastic
DIMENSIONS:	54 x 130 x 24mm
NET WEIGHT:	0.107kg

OUTDOOR UNIT

FREQUENCY:	425~440MHz
INGRESS PROTECTION:	IP54
SUPPLY VOLTAGE:	3,7V DC (18650 battery) or 5V DC
POWER CONSUMPTION:	≤0,5mA (standby), ≤450mA (work)
MAXIMUM TRANSMITTER POWER:	<10mW
WORKING TEMPERATURE:	-18°C ~ +50°C
MOUNTING:	surface-mounted
MATERIAL:	plastic
DIMENSIONS:	59 x 135 x 39mm
NET WEIGHT:	0.142kg

EXIT BUTTON – ELECTRIC DOOR STRIKE CONTROL MODULE

RANGE IN THE OPEN FIELD:	≤10m
FREQUENCY:	433MHz
ACCESS CONTROL – ELECTRIC LOCK:	yes
SUPPLY VOLTAGE:	12V DC, 1A (no power adapter included)
POWER CONSUMPTION:	<1mA (standby), <80mA (work)
WORKING TEMPERATURE:	-20°C ~ +60°C
MOUNTING:	surface-mounted
MATERIAL:	plastic
DIMENSIONS:	40 x 60 x 22mm
NET WEIGHT:	0.028kg



5. SET CONSTRUCTION

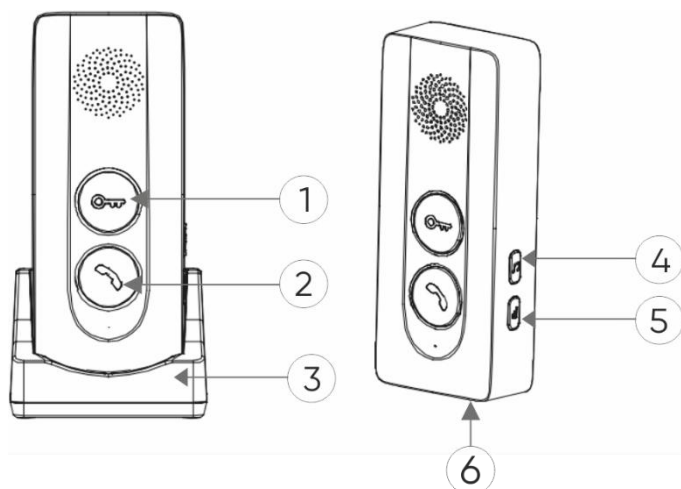


fig. 1 Indoor unit construction.

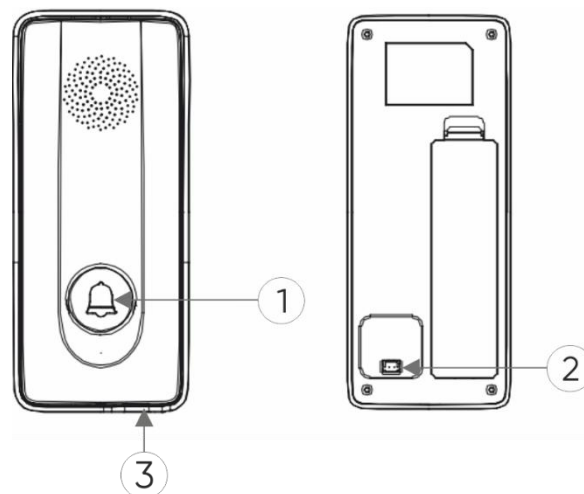


fig. 2 Outdoor unit construction.

INDOOR UNIT

1. Open the door/wicket
2. Answer/end a call
3. Base/charging stand
4. Melody selection
5. Volume adjustment
6. USB-C charging port

OUTDOOR UNIT

1. Call button
2. 5V DC power supply outlet
3. USB-C charging port

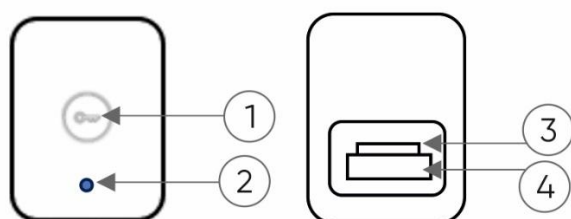


fig. 3 Exit button construction.

ELECTRIC DOOR STRIKE CONTROL MODULE – EXIT BUTTON

1. Open the door/wicket
2. Indication LED
3. Jumpers with adjustable opening time
4. Connection terminal

6. INSTALLATION

INDOOR UNIT INSTALLATION

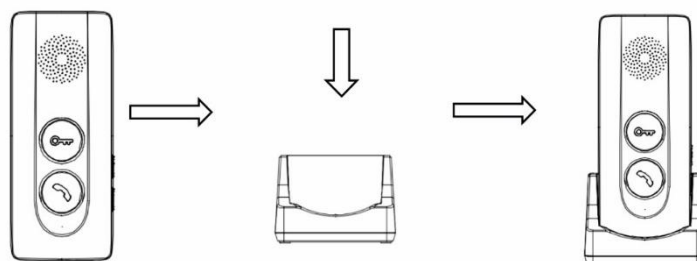


fig. 4 Indoor unit installation.

1. Place the indoor unit in the charging stand. You can use it as a base or use it only to charge the indoor unit.

OUTDOOR UNIT INSTALLATION

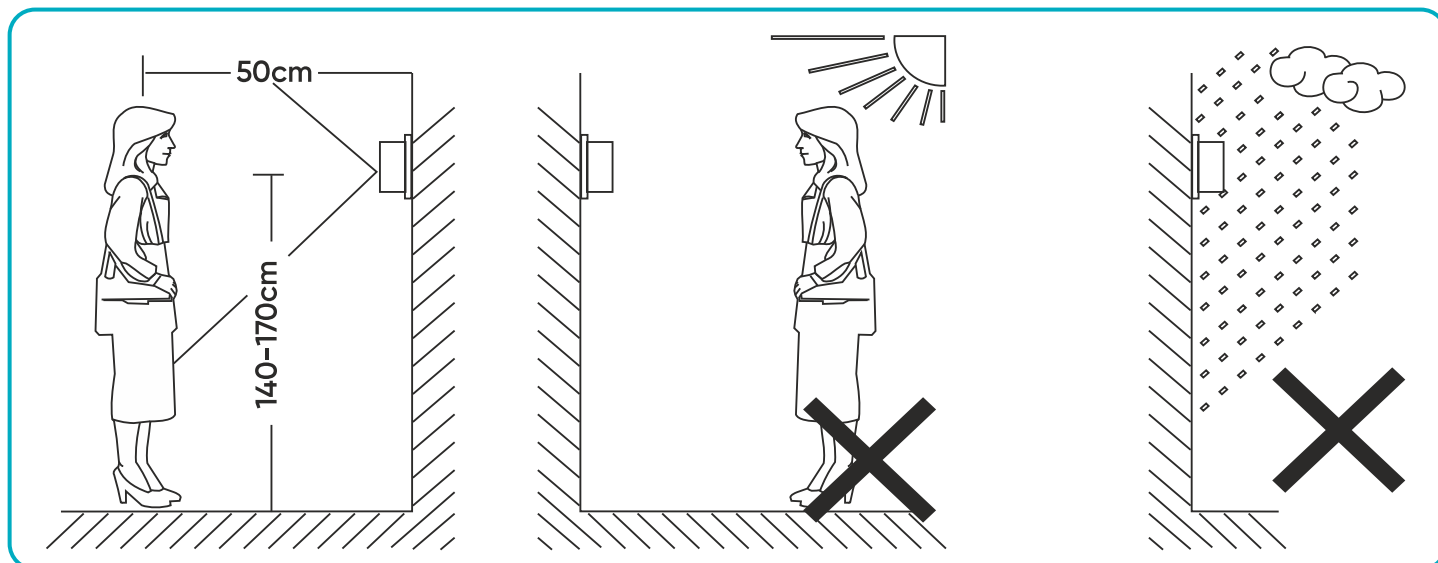


fig.5 Outdoor unit placement.

Recommended installation height of the outdoor unit is 140-170cm.

The correct location of the outdoor unit determines the comfort of working with the device. It is recommended to test the device before making mounting holes. Do not place the outdoor unit and the indoor unit in the same room as interference may occur.

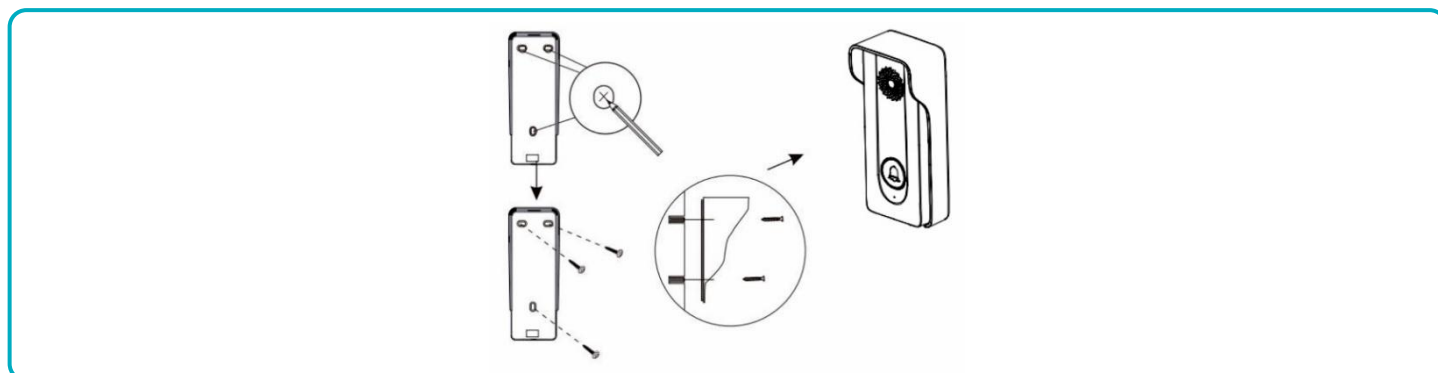


fig. 6 Outdoor unit installation.

1. Drill holes in the wall and insert the wall anchors into them.
2. Screw the rainshield to the desired location with screws.
3. Place the outdoor unit in the rainshield and secure it by screwing in the security screw from below.

ELECTRIC DOOR STRIKE CONTROL MODULE INSTALLATION

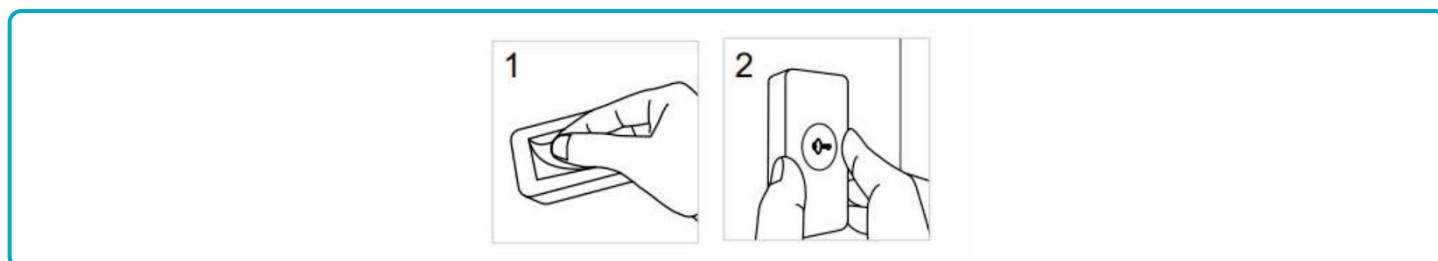


fig.7 Electric door strike control module installation.

1. Use the double-sided adhesive tape included in the set for installation.
2. Connect the power supply and the electric door strike according to the wiring diagram (fig.8). Connect the power supply to the control module (with the connection terminal at the back). Use the jumper to set the opening time of the electric door strike.
3. Firmly press the module with double-sided tape to the place of installation and hold it to ensure lasting installation of the module.



7. WIRING DIAGRAM

It is forbidden to make connections to live equipment!
Failure to adhere to this recommendation may result in permanent damage to the device and loss of health.

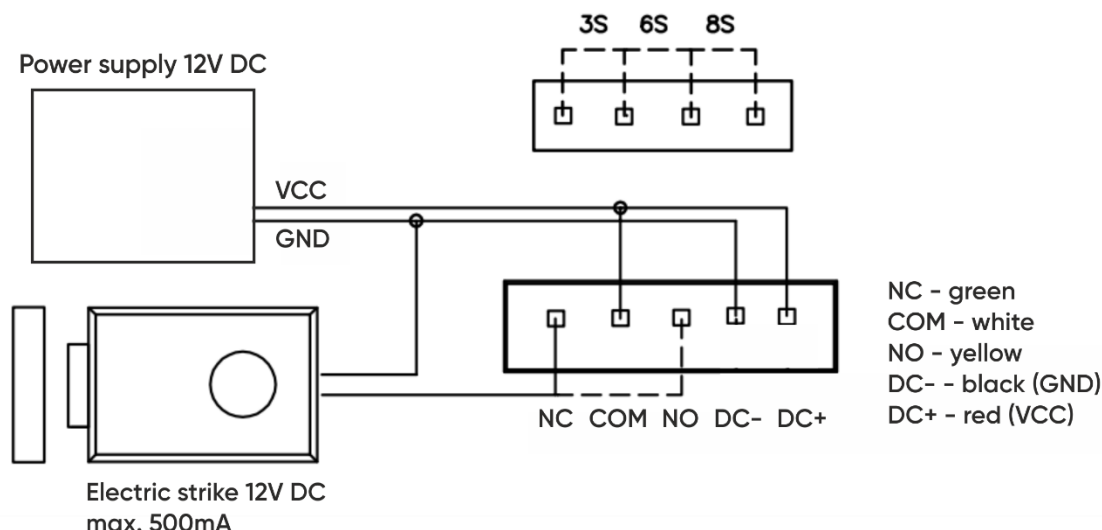


fig.8 Control module with electric door strike wiring scheme.

When designing the electrical installation, take into account the appropriate cable cross-section:

The connection to the electromagnetic lock should be made with 2 x 0,8 mm² cable.

The set is compatible with any electric door strike with 12V DC supply voltage and current consumption of max. 500 mA. The electric strike should be connected to the NO contact, while the electromagnetic jumper or reversing electric strike should be connected to the NC contact.




The total length of the installation must not exceed 100 meters.

We absolutely do not recommend the use of twisted-pair cables.

The set does not include connection cables, 12V DC power supply, and electric door strike!

8. SET OPERATION

CONVERSATION


Pressing the call button  located on the outdoor unit is signaled by a ringing sound on the indoor unit. By pressing the button  on the indoor unit, you can talk to a visitor. If the set is expanded with an additional indoor unit, by pressing the button  on the indoor unit in standby mode, you can make a call to the additional indoor unit.

DOOR/WICKET CONTROL

To open the door/wicket while talking to a visitor, press the  button on the indoor unit or press the  button on the exit button.


VOLUME ADJUSTMENT

Press the melody selection button  on the indoor unit to select one of the 38 available ringtones.

Press the volume control button  on the indoor unit to select one of the 4 available doorbell volume levels.

CHARGING


Outdoor unit - call button  flashes during charging.

Indoor unit - the door/wicket opening button  flashes during charging.

When the devices are fully charged the buttons stop flashing.

Low battery indicator:

Outdoor unit - call button  flashes during call.




Indoor unit - the answer/end call button  flashes during a call.






PAIRING

The device is pre-paired. It is not necessary to pair the device before initial operation.





Pairing an outdoor unit with indoor unit:

1. **Before** turning on the outdoor unit press and hold its  call button. Turn on the device (connect the power adapter or insert batteries). You will hear a double beep and the button's backlight will start flashing – this will indicate entry into pairing mode.
2. Press and hold the answer/end call  button on the indoor unit until you hear a double beep. When pairing is correctly completed, the button's backlight will flash 3 times.
3. To exit the pairing mode, press the call button  on the outdoor unit.






Pairing an outdoor unit with (max.) 4 indoor units:

1. **Before** turning on the outdoor unit press and hold its  call button. Turn on the device (connect the power adapter or insert batteries). You will hear a double beep and the button's backlight will start flashing – this will indicate entry into pairing mode.
2. Press and hold the answer/end call  button on the first additional indoor unit until you hear a double beep. When pairing is correctly completed, the button's backlight will flash 3 times.
3. Repeat step 2 with each additional indoor unit you want to add.
4. To exit the pairing mode, press the call button  on the outdoor unit.

Pairing two outdoor units with (max.) 3 indoor units:

1. **Before** turning on the outdoor unit press and hold its  call button. Turn on the device (connect the power adapter or insert batteries). You will hear a double beep and the button's backlight will start flashing – this will indicate entry into pairing mode.
2. Press and hold the answer/end call  button on the first additional indoor unit until you hear a double beep. When pairing is correctly completed, the button's backlight will flash 3 times.
3. Repeat step 2 with each additional indoor unit you want to add.
4. **Before** turning on the second outdoor unit press and hold its  call button. Turn on the device (connect the power adapter or insert batteries). You will hear a double beep and the button's backlight will start flashing – this will indicate correct pairing of additional outdoor unit.
5. To exit the pairing mode, press the call button  on the original outdoor unit.

Exit button pairing:

1. **Before** turning on the exit button press and hold its door/wicket opening button . Connect the power supply – the indicator LED will start flashing.
2. Press and hold the call button  on the outdoor unit and make a connection with the indoor unit.
3. Press the call answer button , and then press the door/wicket opening button  on the indoor unit. The indicator LED on the exit button will stop flashing, instead it will light up blue, meaning that the pairing process has been successful.
4. To exit the pairing mode, press the door/wicket opening button  on the exit button.

9. CLEANING AND MAINTENANCE

Clean any dirt with a soft slightly damp cloth with mild cleaning agents designed for plastic. Do not use cleaning agents based on solvents, gasoline, etc., or agents containing abrasive substances.

10. AFTER-SALES SERVICE

If, despite the care we have taken in designing and manufacturing your product, it is not working properly, please contact our technicians in the after-sales service team:

Retail Customer Advisor

Phone: +48 (32) 43 43 110 int. 109

e-mail: techniczny@orno.pl

Monday to Friday from 8:00 a.m. to 5:00 p.m.

11. SAFETY-RELATED COMMUNICATION CHANNELS

All complaints and information related to the safety of the product should be reported to the manufacturer via the website: www.orno.pl.



12. ADDITIONAL INFORMATION

In view of the fact that the technical data are subject to continuous modifications, the manufacturer reserves a right to make changes to the product characteristics and to introduce different constructional solutions without deterioration of the product parameters or functional quality. Additional information about ORNO products is available at www.orno.pl. Orno-Logistic Sp. z o.o. holds no responsibility for the results of non-compliance with the provisions of the present Manual. Orno Logistic Sp. z o.o. reserves the right to make changes to the Manual – the latest version of the Manual can be downloaded from support.orno.pl. Any translation/interpretation rights and copyright in relation to this Manual are reserved.

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Simplified declaration of conformity

Orno-Logistic Sp. z o.o. declares that the type of radio device OR-DOM-YR-934/B Single-family audio doorphone set LEKIO is compliant with the Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following web address: www.orno.pl.