

**ORNO**

**INTERPHONE SET**



**ORNO-LOGISTIC Sp. z o.o.**

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**INTRODUCTION**

Before the installation and use of the device, please read this operation manual carefully. In case of any problems with understanding the manual, please contact the seller from whom you bought the device. Installation and commissioning of the equipment by the customer are possible if the installer has basic knowledge of electrical systems and the use of proper tools. Nevertheless, the device installation by qualified personnel is recommended.

**The manufacturer is not liable for any damage that can result from improper installation or operation of the device.** Performing repairs or modifications by the customer voids the warranty.

Since the technical data is subject to continuous modification, the manufacturer reserves the right to modify product specifications or introduce other design solutions that do not impair product performance or usability.

Additional information on ORNO products is available at: [www.orno.pl](http://www.orno.pl). Orno-Logistic Sp. z o.o. is not liable for consequences resulting from failure to comply with the recommendations found in this manual. Orno-Logistic Sp. z o.o. reserves the right to make changes to the instruction – current version can be downloaded from [www.orno.pl](http://www.orno.pl). Any rights to translate/construct and the copyright of this manual are reserved.

1. Disconnect the power supply before performing any activities.
2. Do not immerse the product in water or other liquids.
3. Do not operate the device with damaged housing.
4. Do not open or repair the device yourself.
5. Do not use the appliance for any other purpose than intended.

**CHARACTERISTICS**

The doorphone OR-DOM-RL-913 is intended for installation in single-family buildings.

*Main features of the doorphone:*

- flush or surface mounting (with a protective rain cover)
- uniphone with a built-in power supply and a power supply cord, no additional power supply for the electric strike

**CONSTRUCTION**



1. Microphone
2. Call button
3. Protective rain cover
4. Loudspeaker
5. Light diode
6. Handset
7. Door/wicket opening button
8. Power supply cord
9. Cable to connect the handset with the uniphone
10. External panel holes for wall installation.

**INSTALLATION**

The correct location of the external panel ensures comfortable device operation. It is recommended to experimentally choose the best possible location for the device prior to drilling the mounting holes.

The external panel is suitable for flush mounting or for surface mounting with a protective rain cover.

1. Remove the two rubber caps from the outer panel.
2. In the case of flush mounting, insert the outer panel into the cut-out hole in the wall and then mark the location of two mounting pins through the holes in the panel.
3. Drill two holes and insert the mounting pins into the holes.
4. Connect the 2 cable wires from the panel to the handset using a standard terminal block.
5. Once again place the panel in the prepared wall opening and secure it with 2 screws.

**Do not make any connections if the device is connected to a 230 V network!**  
**Failure to follow these instructions may result in damage to the appliance!**

**CONNECTION DIAGRAM**

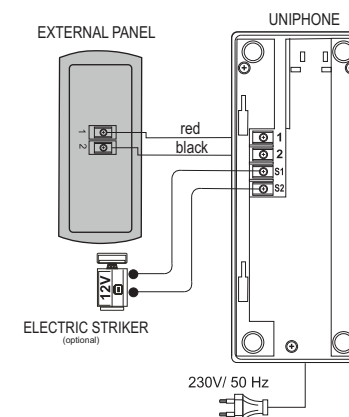


fig. 1 Connection diagram

While designing the wiring system, take into account the suitable cross-section of cables:  
 up to 30 m – recommended cable – XzTKMXpw 3×2×0,5 mm<sup>2</sup>  
 from 30 m do 100 m – recommended cable – XzTKMXpw 3×2×0,8 mm<sup>2</sup>

Connection to the electromagnetic striker must be made with a 2×0,8 mm<sup>2</sup> cable.  
 Any 12 VDC electric striker with a max current draw of 500 mA can be connected to the set.  
 We do not recommend the use of twisted cables of computer type.

**Cables and an electric striker are not included in the set.**

**OPERATION**

1. Pressing the call button on the external unit generates a sound signal in the uniphone.
2. Pick up the handset to start talking and open the wicket remotely by pressing the opening button on the uniphone.

## TECHNICAL DATA \*

### EXTERNAL UNIT PARAMETERS

|  |                              |
|--|------------------------------|
| Supply voltage                                     | 12 V from an internal module |
| Output voltage parameters for the electric striker | 12V DC                       |
| Material type                                      | aluminium                    |
| Installation method                                | flush or surface-mounted     |
| Working temperature                                | from -25°C to +50°C          |
| Weight   | 0.15 kg                      |
| External dimensions (W x H x D)                    | 60 x 140 x 23 mm             |
| Dimensions for flush assembly (W x H x D)          | 45 x 117 x 15 mm             |

### PARAMETERS OF INTERNAL MODULE – UNIPHONE

|                     |                          |
|---------------------|--------------------------|
| Supply voltage      | 230V~, 50Hz              |
| Communication type  | DUPLEX                   |
| Gong signal         | generated electronically |
| Working temperature | between 0°C and +45°C    |
| Weight              | 0.38 kg                  |
| External dimensions | 98 x 215 x 68 mm         |

### TYPE OF CONDUCTOR TO CONNECT THE KIT COMPONENTS (accessory)

|  |  |
|--|--|
| Conductor to connect the external unit with the uniphone           | up to 30 m 2x0.5mm <sup>2</sup> , up to 100 m 2x0.8mm <sup>2</sup> |
| Type of conductor to connect the uniphone with the electric strike | 2x0.8mm <sup>2</sup>   |

\* The Manufacturer holds the right to modify the specifications without notice.

## CLEANING & MAINTENANCE

Clean the appliance regularly with a soft, damp cloth, and some washing agent.

**Do not use solvent- or gasoline-based cleaners or similar.**

Every household uses electric and electronic equipment and therefore is a potential producer of waste that is hazardous for people and the environment due to the presence of hazardous substances, mixtures, and components in the equipment. On the other hand, used equipment is a valuable source of such raw materials like copper, tin, glass, iron, etc., which can be recovered.



The symbol of a crossed litter bin placed on the equipment, its package or accompanying documents means that the product must not be discarded together with other waste. At the same time, the label indicates that the equipment has been introduced to the market after 13 August 2005.

The user is obliged to transfer the used equipment to an appointed collection point for its proper processing. Information on an available system of used electronic equipment collection can be found at the shop information desk and at the municipality/commune office.

Proper disposal of used equipment prevents negative consequences for the natural environment and human health!