

## OPERATION

Pressing the call button on the external unit generates a sound signal in the uniphone. Pick up the handset to start talking and open the wicket remotely by pressing the opening button on the uniphone. In case of the model OR-DOM-RL-903 with two uniphones, each of buttons on the external unit generates the sound signal only in one uniphone that is assigned to this button. In addition, the model OR-DOM-RL-902 is equipped with intercom system that allows communication between both uniphones. To call up the uniphone 2 from the uniphone 1, pick up the handset and press the intercom button. If the call button is pressed on the external unit during the internal conversation, the low sound will be heard in the handset.

## TECHNICAL DATA\*

### EXTERNAL UNIT PARAMETERS

Supply voltage	12 V from the internal module
Output voltage parameters for the electric lock	12 V DC
Material type	aluminium
Assembly method	flush
Working temperature	between -25°C and +50°C
Weight	0.335 kg
External dimensions (W x H x D)	116 x 200 x 54 mm
Dimensions for flush assembly (W x H x D)	100x165x40 mm

### PARAMETERS OF INTERNAL MODULE - UNIPHONE

Supply voltage	230 V / 50 Hz AC
Communication type	DUPLEX
Gong signal	generated electronically
Working temperature	between 0°C and +45°C
Weight	0.385 kg
External dimensions	98x215x68 mm

### TYPE OF CONDUCTOR TO CONNECT SET ELEMENTS (auxiliary equipment)

Conductor to connect the external unit with the uniphone	up to 30 m 2x0.5 mm <sup>2</sup> , up to 100 m 2x0.8 mm <sup>2</sup>
Conductor to connect external unit with the electric lock	2x0.8 mm <sup>2</sup>
Conductor to connect uniphones (model OR-DOM-RL-902)	8x0.8 mm <sup>2</sup>

\*Manufacturer reserves the right to change technical parameters without advance notice.

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**ORNO**<sup>®</sup>

## INTERPHONE SET

SERVICE AND INSTALLATION MANUAL



**FOSSA  
OR-DOM-RL-901**



**FOSSA INTERCOM  
OR-DOM-RL-902**



**FOSSA MULTI  
OR-DOM-RL-903**

PREMISES

Before installation and use of the device, please read this service manual carefully. If any problems with its content understanding occur, please contact the seller of the device. You may install and start the device by yourselves, providing you have a basic knowledge regarding electronics and use the proper tools. Nevertheless, the device installation by a qualified personnel is recommended.

**The manufacturer is not liable for damages that can get out of improper device installation or operation. Repairs and modifications carried out by yourselves result in the guarantee invalidation.**

The manufacturer reserves the right to change the device appearance, properties, functions and technical parameters to improve product quality.

**The 24-months' guarantee includes the product equipped with the factory seal that must not be broken!**

NOTE:

1. Disconnect the power supply before any activities.
2. Do not immerse the device in water or another fluids.
3. Do not operate the device with damaged housing.
4. Do not open the device nor repair it by yourselves.
5. Do not use the device contrary to its intended use.

According to the regulations of the Act of 29th July 2005 on ZSEIE, the used equipment marked with the crossed litter bin must not be disposed with other wastes. If you want to dispose the electrical and electronic equipment, you are obliged to deliver them to a used equipment collection point.  
 Net weight: OR-DOM-RL-901 - 0.92 kg, OR-DOM-RL-902 - 1.54 kg, OR-DOM-RL-903 - 1.30 kg



CHARACTERISTICS

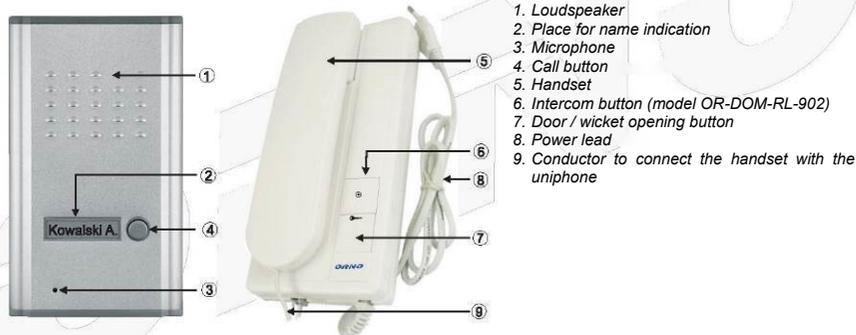
Interphone sets OR-DOM-RL-901 and OR-DOM-RL-902 are designed for assembly at single-family homes, however OR-DOM-RL-903 at double-family homes.

They are characterized by:

- aluminium housing of the external unit, with a place for name indication,
- flush assembly,
- possible flush assembly when using OR-DOM-RL-901 DN,
- uniphone with the built-in power supply and the power lead,
- no additional power supply for the electric lock

**NOTE:** In the model OR-DOM-RL-902, one uniphone has no power lead.

CONSTRUCTION



CIRCUIT DIAGRAM

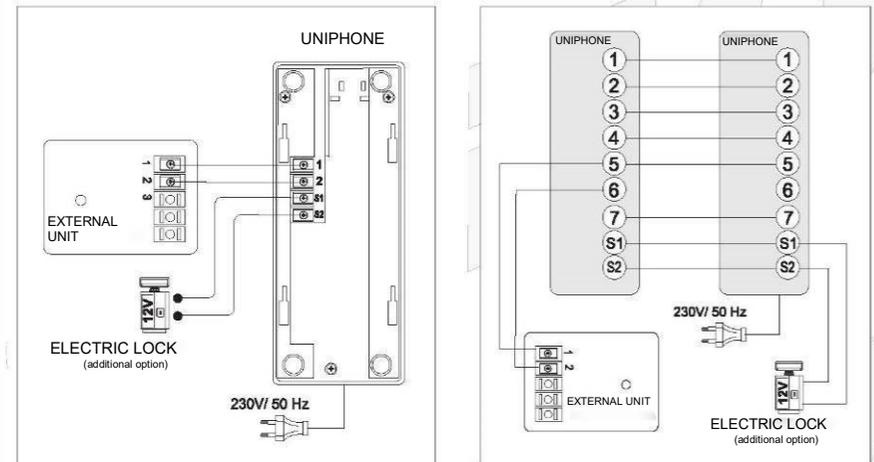


Fig. 1 Circuit diagram for OR-DOM-RL-901

Fig. 2 Circuit diagram for OR-DOM-RL-902

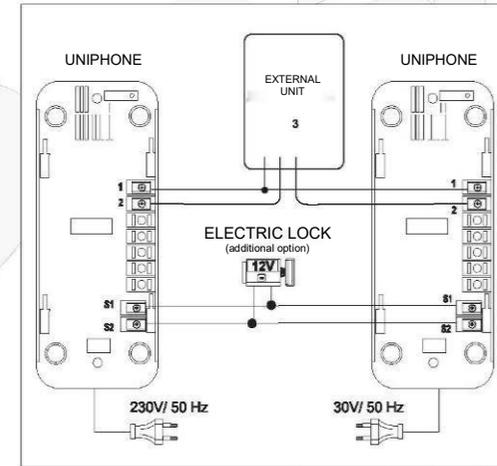


Fig. 3 Circuit diagram for OR-DOM-RL-903

If you design the wiring system, take into account the suitable cross-section of conductors:  
 up to 30 m - we recommend the conductor XzTKMXpw 3 x 2 x 0.5 mm<sup>2</sup> between 30 m and 100 m - we recommend the conductor XzTKMXpw 3 x 2 x 0.8 mm<sup>2</sup>

Connection with the electromagnetic lock should be carried out with the conductor 2 x 0.8 mm<sup>2</sup>.  
 Any electric lock of supply voltage 12 V DC and max current consumption 500 mA can work properly with the set.

We do not recommend use of twisted conductors of computer type.

**The set does not include conductors nor an electric lock.**