



Manual EN

DA12RF



DOOR INTERCOM

WIRELESS CONNECTED

Home is not a place, it's a feeling



Symbols:

Recycling and disposal: The WEEE symbol (a) means that this product must be disposed separately from other household waste. When it reaches its end of life, take it to a designated waste collection point in your area to guarantee a safe disposal or recycling. Protect the environment, human health and natural resources! Read the manual (b) before use and store it in a safe place for future use and maintenance.

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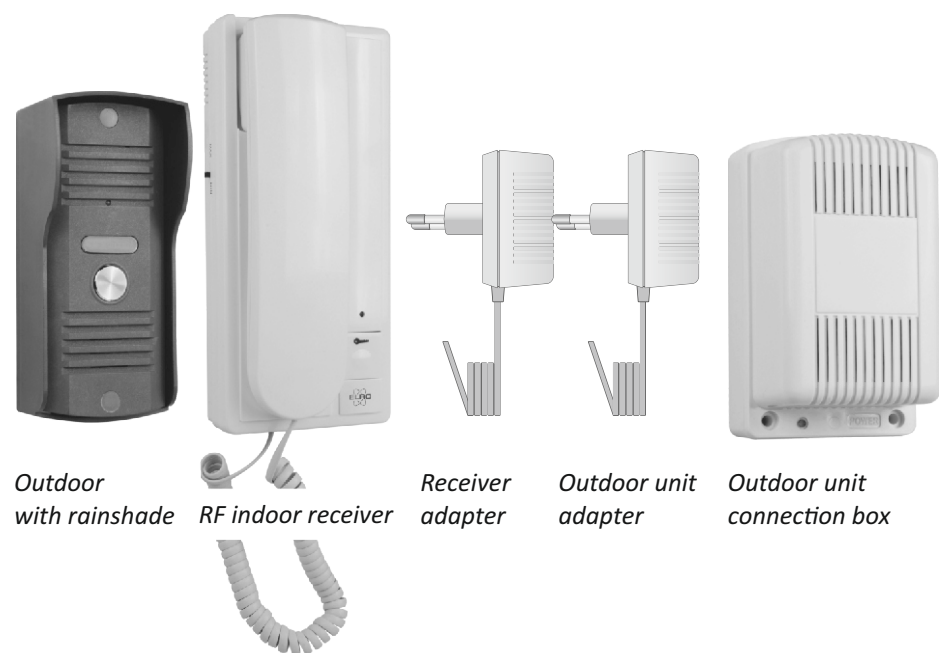


Digital wireless Audio Intercom system

Congratulations on the purchase of your new ELRO Door Intercom, featuring wireless RF transmission from the outdoor unit via the inside connection box to the indoor receiver, an outdoor unit with a protective rainshade, an indoor receiver with 2-way communication and a door lock operation option.

We want you to be able to use this ELRO product without having to read an extensive guide, so this user manual will help you to get started and indicate the most important features. If you need more detailed information you can visit our website www.elro.eu for a service hotline and more details.

Besides the mounting materials (indoor receiver mounting bracket, dowels and screws) and user manual, the set contains the following parts:



Specifications

Outdoor unit

Working temperature	: -10° - +50° C
Input power supply	: 220 – 240 V AC, 50 / 60 Hz
Output power supply	: 12 V DC; 1000 mA
Cable length connection cable	: 110 cm
Dimensions connection box	: 118 x 72 x 58 mm
Dimensions outdoor unit	: 140 x 66 x 51 mm
Transmission frequency	: 2,4 GHz frequency hopping

Indoor receiver

Input power supply	: 220 – 240 V AC, 50 / 60 Hz
Output power supply	: 12 V DC; 1100 mA
Wireless Distance	: Up to 150 meter free field
Dimensions	: 212 x 95 x 64 mm
Sound adjustment	: MIN or MAX

Safety Instruction

1. Do not install the equipment in high temperature or high humidity environment.
2. Keep the unit away from television, otherwise the signals of the TV and intercom use could be interfered with each other.
3. Do not touch the screen with wet hands.
4. Avoid throwing, dropping or hitting the equipments.
5. Clean the equipment with a soft cloth. Do not use detergent, thinner, volatile or corrosive liquids.
6. Keep the outdoor unit away from direct sunlight. Otherwise the pictures may become blurred due to the direct sunlight on the camera.
7. When a car or a motorbike passes by, the pictures may become blurred or be cut off due to the interference of radio wave.
8. Use the product under the circumstance of no interference and barrier free.
9. Do not install the two units on a place with too many walls. (The transmission will be interfered due to signals shielding.)

Caution

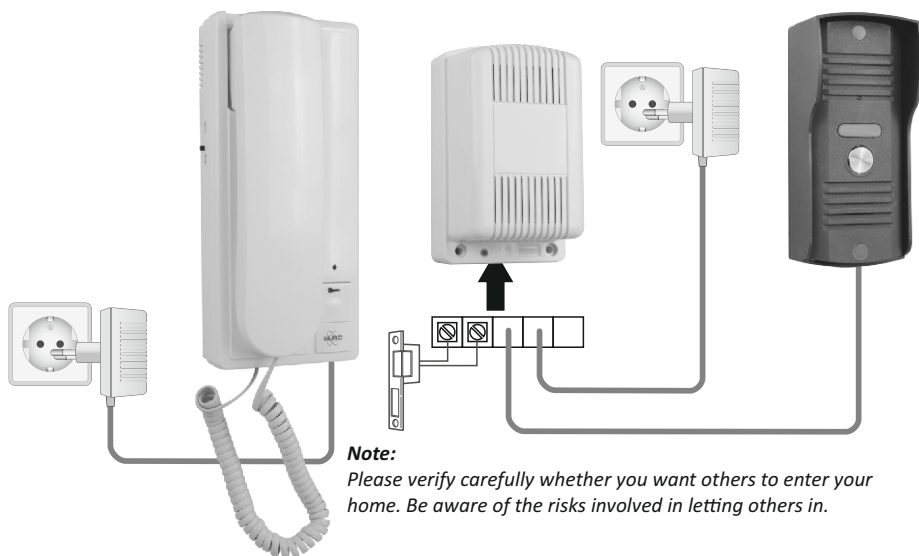
1. To prevent damage, the products should be installed on the floor/wall according to the instruction.
2. Power plug as disconnecting device should be kept convenient to operate.

Operating the Door Intercom

- * When the indicator LEDs on the outdoor unit and the connection box are both lit in red, the system is ready for use.
- * The indicator LED of the indoor receiver unit flashes every ten seconds to indicate it is powered on.
- * When someone rings the bell of the outdoor unit, the indoor receiver will ring and outside you will hear a waiting call sound. When you pick up the receiver's handset the sound will stop and you can talk to the person outside.
- * By pressing the door unlock button, you can operate the optional electrical door lock.
- * You can change the volume of the receiver unit with the small up/down button on the receiver unit's body. You can switch between MIN and MAX volume.

Adding a Door Lock

The system can operate a door lock as well, which must be wired to the connection box just behind your front door. Please note that to wire a door lock you will need 2 x 1,0 mm² cable. Wire this cable to the screw-ports on the backside of the connection box. See the wiring diagram.

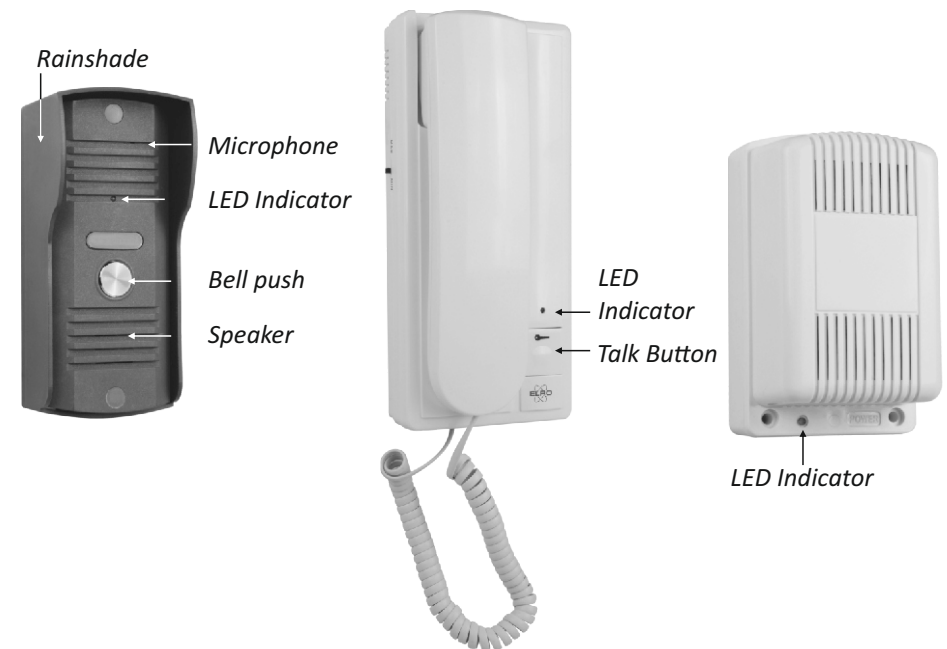


Product description and features

This ELRO RF Audio Intercom makes you feel safer and more comfortable when receiving visitors at your home. Because the indoor receiver and the connection box communicate wirelessly via digital RF signal, you will not have to put wires through your house. The outdoor unit is made of hard, weather resistant plastic with a protective rainshade for surface wall mounting.

The connection box is placed inside, behind the outdoor wall, so the wireless transmission stays indoors and will not be reduced in range due to a thick outdoor wall. Unobstructed, the range is up to 150 meters, allowing about 30-50 meters inside the house, depending on the layout.

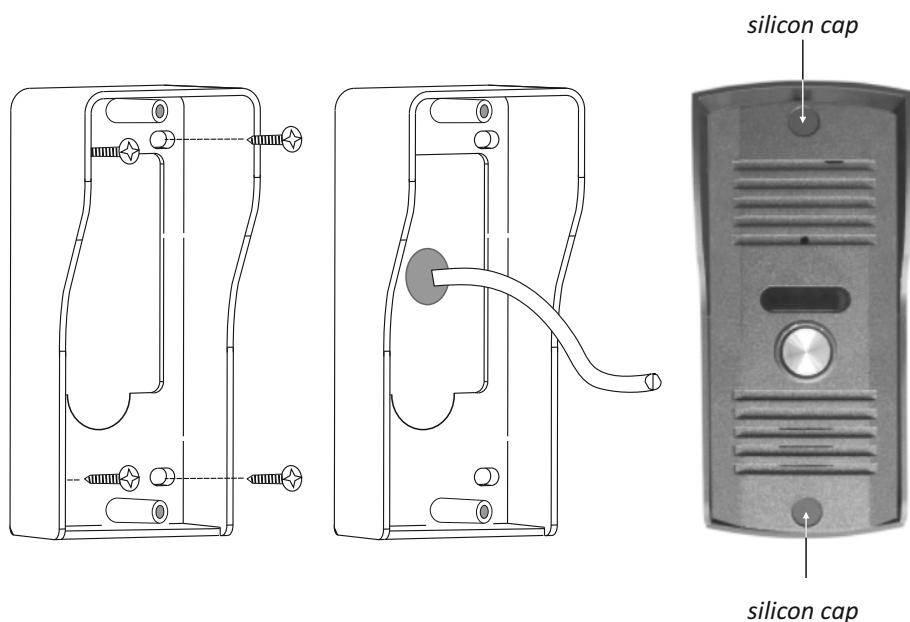
Once someone rings the doorphone, the indoor receiver will ring to indicate a visitor. You can immediately talk to the visitor and operate the electric door lock (optional).



Installation

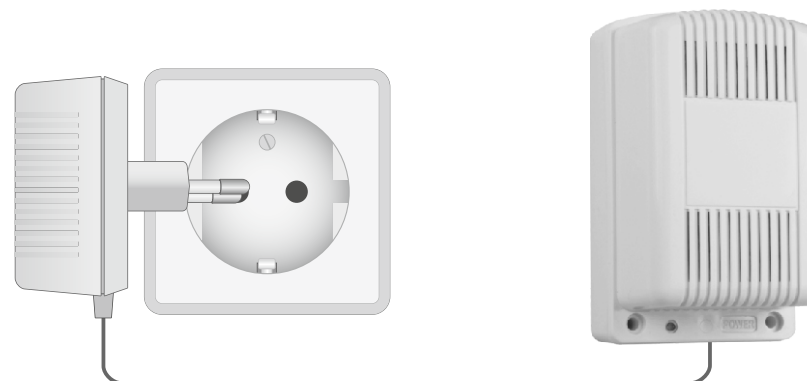
A: Mounting the Outdoor unit

1. Take the rainshade and use it to mark the drilling holes on your wall. Make sure that you can reach this place from the back with the connection cable. We recommend a mounting height between 1,35 and 1,70 meters. Try to avoid exposing the unit to direct rain as much as possible.
2. Put the connection cable through the rectangular hole in the rainshade and fix the rainshade with the screws and dowels supplied with the set.
3. Take out the silicon caps and screw the outdoor unit into the rainshade before closing the holes again with the silicon caps.



B: Mounting the Outdoor Unit Connection Box

4. Make a hole in the wall and screw one screw with a dowel into this hole.
5. Connect the 6-wired cable from the outdoor post to the connector of the corresponding slot of the connection box and also plug the outdoor unit power adapter cable into the box.
6. Optionally, wire a 2 x 1,0 mm cable for the electric door lock to the 2 screw-ports.
7. Hang the connection box onto the wall and fix it from the front side with 2 additional screws and dowels.
8. Then plug the power adapter into the wall socket.



C: Mounting the Indoor Receiver Unit

9. Use the plastic bracket of the indoor unit to mark the drilling holes on the wall and use dowels and screws to fix it to the wall.
10. Plug the power adapter cable of the indoor receiver into the receiver unit and hang the unit on the mounting bracket.
11. Then plug the power adapter into a wall socket and your system is ready for use.

