EURA

AUDIO DOORPHONE

ADP-41A3 REMOTO

INITIAL REMARKS

Before assembling, wiring and setting up of device the user should carefully read given manual. In case of any troubles with understanding the content the user should contact the producer. Unassisted assembling and start of the device can be done only with the use of proper tools. However, it is highly advised to set up a device by qualifed personnel. The producer is not responsible for damages made during incorrect set-up or maintenance or in case of any unassisted repairs or modifcations.

TABLE OF CONTENTS

1. DEVICE CONSTRUCTION

A set contains an outdoor unit, a indoor units (uniphone), DC power supplies and access ID cards as keyfob.

Indoor unit (uniphone):
1. Handset
2. Unlock button
3. Intercom button
4. Wiring terminal
5. Port for handset curve
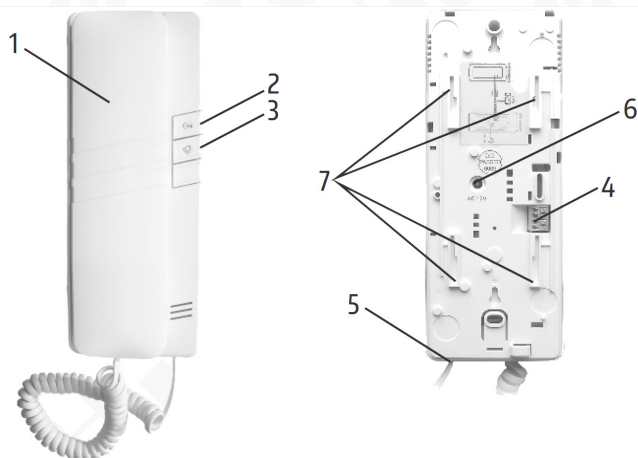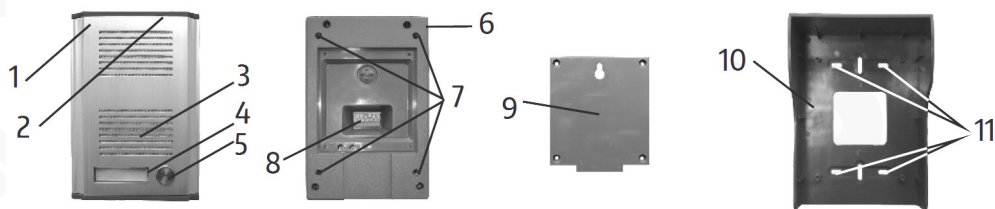6. Power supply port
7. Mounting hooks

Fig. 1.

Fig. 2.

Outdoor unit:
1. Aluminum front panel
2. Microphone
3. Speaker
4. Nameplate
5. Call button
6. Plastic cover
7. Mounting holes to mount plastic main body with the rain shade
8. Wiring terminal
9. Cable cover on the back side
10. Rain shade
11. Mounting holes to mount rain shade to the wall

2. INSTALLATION
2.1. OUTDOOR UNIT INSTALLATION
The outdoor unit is factory adapted for surface mounting, on the wall. Fig. 3 and 4 present the installation process.

> **CAUTION!**
> The standard height at which the uniphone should be stand on the frame is approximately 145cm, but its position can be adjusted to the individual needs of the user.

2.1.1. SURFACE MONTAGE

To properly install outdoor unit:
1. Separate the outdoor unit from the rain cover.
2. With 4 holes in the bottom of the protective roof, uncheck on the wall the places for mounting pins (fig. 3).
3. In the marked places, drill 4 mounting holes and place there 4 fixing pins (fig. 3).
4. sing 4 mounting screws, secure the rain cower to the wall (fig. 3).
5. Take off the plastic back cover (fig. 4).
6. Connect the cable correctly as showed in fig. 9.
7. Mount back the plastic cover.
8. Unscrew the bottom fixing screw, and take off aluminum front panel from the main body of the outdoor unit (fig. 5).
9. lace the the name in the Nameplate place.
10. Place the main body of the outdoor unit in the previously secured rain cover, then mount the aluminum front panel and tighten the bottom fixing screw, in a way not to destroy the internal elements.
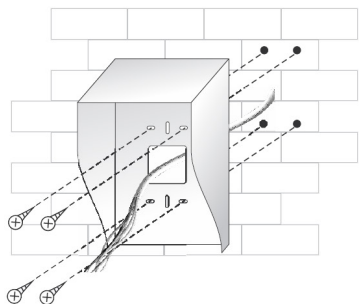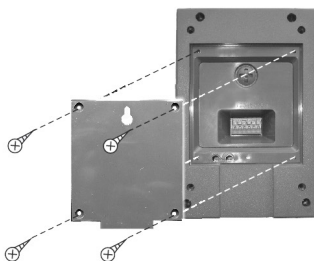

| fig. 3 | fig. 4 | fig. 5 |

2.1.2. FLUSH MONTAGE

To properly install outdoor unit:
1. Drill a hole in the wall to match the size of the mounting box and attach to the wall (fig. 6).
2. Take off the plastic back cover (fig. 4).
3. With 4 holes in the bottom of the mounting box, uncheck on the wall the places for mounting pins (fig. 3).
4. In the marked places, drill 4 mounting holes and place there 4 fixing pins (fig. 3).
5. Using 4 mounting screws, secure the mounting box (fig. 3).
6. Connect the cable correctly as showed in fig. 9, using the hole in the mounting box.
7. Mount back the plastic cover.
8. Unscrew the bottom fixing screw, and take off aluminum front panel from the main body of the outdoor unit (fig. 5).
9. Place the the name in the Nameplate place.
10. Place the main body of the outdoor unit in the previously secured rain cover, then mount the aluminum front panel and tighten the bottom fixing screw, in a way not to destroy the internal elements.
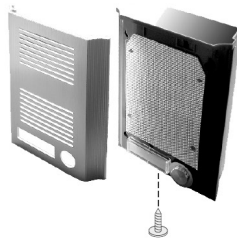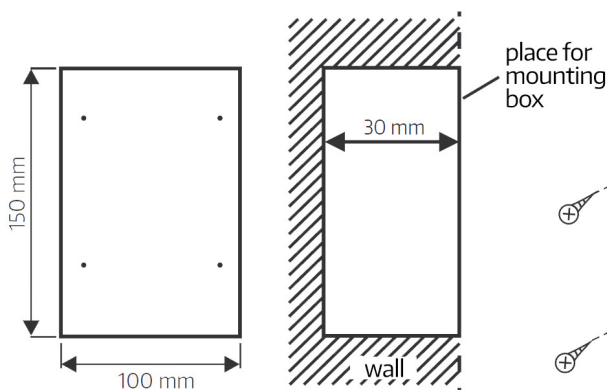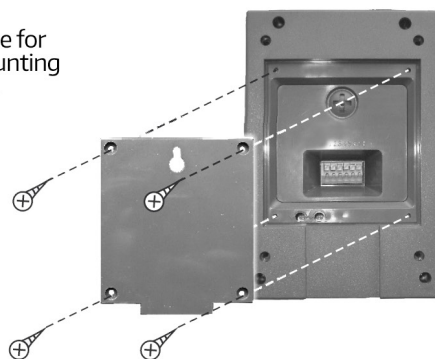

fig. 6

fig. 7

WARNING!
Do not make any wire modification while the unit is connected to the power. Failure to observe this precaution could result in damage to this device! Before installation or disassembling the unit, disconnect the power supply first!

CAUTION!
DAMAGE CAUSED BY FLOODING THE MODULE IS NOT COVERED BY THE WARRANTY.

2.2. INDOOR UNIT INSTALLATION

1. With 2 holes in the Mounting Bracket, uncheck on the wall the places for mounting pins, then in the marked places, drill 2x mounting holes and place there 2 fixing pins - use 2 mounting screws to fix the Mounting Bracket on the mounting box (fig. 8, item a), in a way that provides easy and aesthetic connection for the power cord and connection wires.
2. Connect the system wiring according to the graph presented in fig. 9.
3. Connect the power cord from the delivered power supply.
4. Using handset curve, connect handset with the uniphone port.
5. Mount the monitor on the 4 bracket mounting hooks.
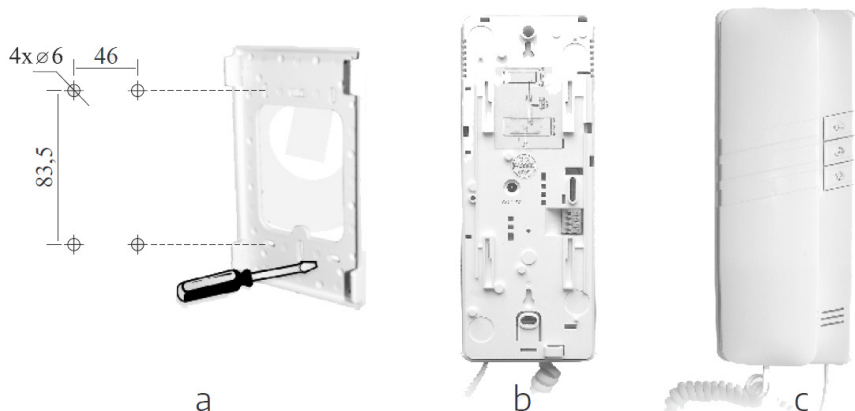6. Plug in the power supply ~230V/50Hz.

fig. 8.

WARNING!
- The uniphone must not be exposed to water and moisture and high temperatures.
- The uniphone contains parts that are not impact resistant.

3. WIRING DIAGRAM

Fig. 9 shows the wiring diagram of: outdoor unit, indoor unit, electric-lock and power supply.

Indoor unit (uniphone)

Electric-lock (additional equipment)

2 x 0,5mm

Outdoor unit

fig. 9.

4. WIRING DIAGRAM FOR ADDITIONAL COMPONENTS
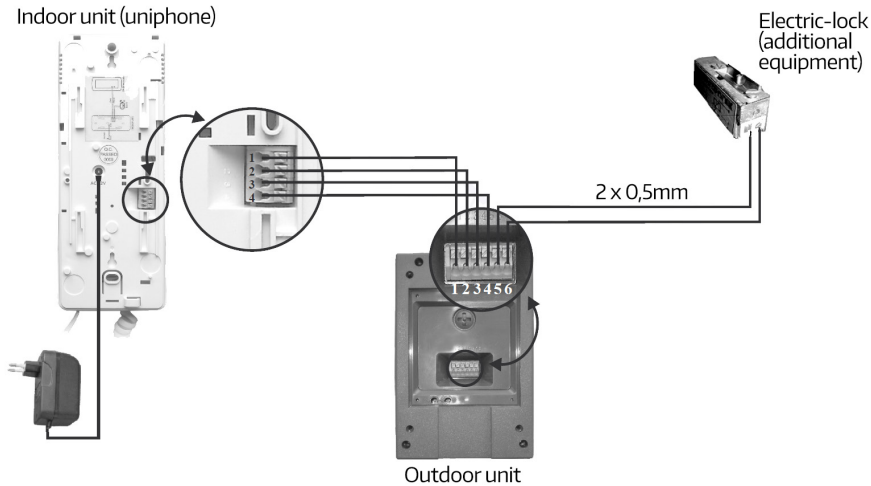
Fig. 10 shows the wiring diagram of: outdoor unit, two indoor units, electric-lock and power supply.

1# indoor unit (uniphone)

2# indoor unit (uniphone)

Electric-lock (additional equipment)
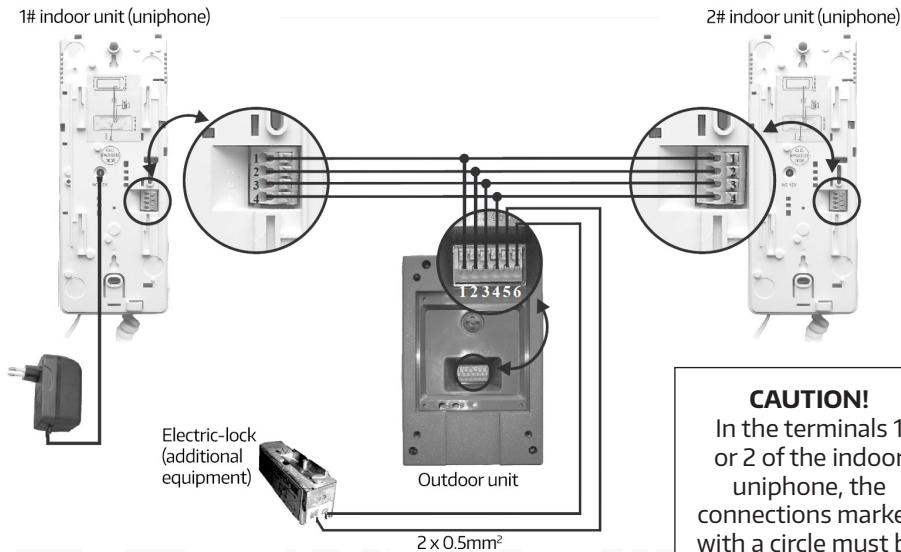
Outdoor unit

2 x 0.5mm^2

fig. 10

CAUTION!
In the terminals 1 or 2 of the indoor uniphone, the connections marked with a circle must be made, as showed on the wiring diagram.

5. USINIG ADP–41A3 AUDIO DOORPHONE

When the visitor presses one of the call buttons on the outdoor unit, chime melody is generated in the proper uniphone unit. When you pick up the handset, you can talk to person at the entrance. To end the conversation, simply hang up the handset. Press the Unlock button to open the door.

6. INTECOM

The intercom function allows conversation between two person, only when there is installed second uniphone (fig. 10). To make a intercom call, pick up handset, then press Intercom button, additional connected uniphone will ring at the same time. Pick up it to talk. To end the conversation, simply hang up the handset.

7. ACCESS BY ID CARD

The ADP-41A3 audio doorphone set is additionally equipped with an opening function (activation of the electric-lock) with a specially designed ID card, made in the form of a small keyfob. Just close one of the „USER CARD" keyfob to the nameplate of the outdoor unit, to get access at the entrance, as shown in figure 11.

The set comes with 3 types of magnetic cards (keyfobs):
- „USER CARD" - a user card already pre-programmed to work with a specific outdoor unit,
- „DELETE CARD" - a deletion card that must be brought closer to the nameplate only to remove the user cards („USER CARD"). This operation of invalidating user cards must be carried out in case of loss of user card.
- „ADDED CARD" - programming card, used to program a new user card after erasing the old one.

fig. 11

If you lose the „USER CARD", proceed as follows:
1. Purchase a new card (cards).
2. Using the „DELETE CARD", erase the old user's card by bringing the „DELETE CARD" card to the outdoor unit. From now on the old „USER CARD" card is invalid.
3. Activate the new „USER CARD" (or cards) by using „ADDED CARD" first, then close the new „USER CARD" (cards), and „ADDED CARD" again to confirm the operations.

Note:
Both MASTER CARDS (ADD and DELETE) need to be keep well for future use.

CLEANING

Clean the device with a soft cloth. Do not use detergent, thinner, volatile or corrosive liquid.

ATTENTION!
Using cleaning substances based on solvents, gasoline etc. and abrasives materials are not permitted!

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8. TECHNICAL DATA

Set ADP–41A3	
Working Voltage	12 V DC
Power consumption – standby / working	1W / 2W
Connecting wire	4
Number of supported inputs	1
Intercom	Yes
Expansion	Yes
Audio doorphone unit	
Communication type	Wire
Number of apartments	1
Housing material	Aluminium
Audio doorphone installation	Surface/Flush mounted
Proximity reader	Yes
Rain cover	Yes
Water proof rating	IP44
Audio doorphone working temperature	–18ºC ~ +45ºC
Audio doorphone dimensions (H x W x D)	162 x 112 x 68 mm
Audio doorphone weight	420g
Uniphone unit	
Ringtone	1
Loudspeaker	No
Monitor working temperature	0ºC ~ +55ºC
Monitor dimensions (H x W x D)	213 x 83 x 63 mm
Monitor weight	360g

*The manufacturer reserves the right to make technical changes without notice.

EU Conformity Declaration of this device is available on
http://www.eura-tech.eu website

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