

Eikon and Plana devices - TECHNICAL CHARACTERISTICS

Elvox Sound System speakerphone

The speakerphone unit, to be installed only on Elvox Sound System analogue systems, enables communication with the outdoor station (ELVOX Sound System plate or landing call button 20575-14575).

The device is equipped with three front buttons for the speakerphone communication, auxiliary circuit and door opening functions respectively and two trimmers to adjust the audio and bell volumes.

Technical specifications

- max absorption (in call): 15 mA.
- speaker: 16 Ω , 1 W, 500 Hz – 20 KHz.
- microphone: 2 K Ω , 3 V d.c., 0,5 mA, 50 Hz – 16 KHz, S/N 58 dB.
- operating temperature: +5 °C - +40 °C (indoor use).

Operating

- When a call is made from the outdoor station (plate or landing button) the speakerphone unit turns on the bell; to communicate with the person outside, press button A and keep it pressed throughout the entire conversation.
- The auxiliary function enables controlling an external service, via dedicated terminals, such as for instance stair lights (through an appropriate connection to an external relay) or other loads in general; to activate the function, press button B.
- The door opening function enables controlling an external service, via dedicated terminals, such as for instance the electric lock of a door (through an appropriate connection to an external relay) or other loads in general; to activate the function, press button C.

Elvox DigiBus speakerphone

The speakerphone unit, to be installed only on ELVOX DigiBus digital systems with 4 or 8 digit coding, enables communication with the outdoor station (ELVOX DigiBus plate or landing call button 20576-14576).

The device is equipped with three front buttons for the speakerphone communication, auxiliary circuit and door opening functions respectively, two trimmers to adjust the audio and bell volumes and a push button to configure the device.

Technical specifications

- max absorption (in call): 15 mA
- speaker: 16 Ω , 1 W, 500 Hz – 20 KHz
- microphone: 2 K Ω , 3 V d.c., 0,5 mA, 50 Hz – 16 KHz, S/N 58 dB
- operating temperature: +5 °C - +40 °C (indoor use)

Operating

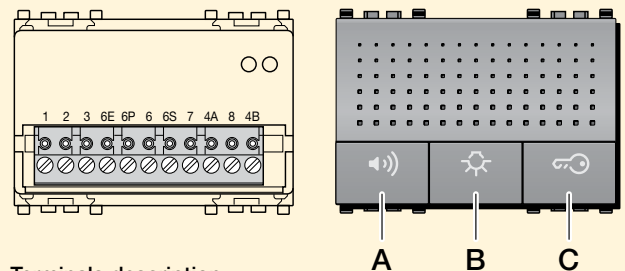
- When a call is made from the outdoor station (plate or landing button) the speakerphone unit turns on the bell for approximately 3 s; to communicate with the person outside, press button A and keep it pressed throughout the entire conversation.
- The auxiliary function enables controlling an external service, such as for instance stair lights, other loads in general or the lock from outside by sending the relevant digital command; to activate the function, press button B.
- The door opening function, depending on the plate configuration and whether the speakerphone unit has received the call, permits opening the wired electric lock directly on the power supply by sending the LOCK command or it can send a call to the consumer unit (where applicable); press button C to turn on the function

- To use the speakerphone unit 20555-14555 you need to install the ELVOX "OPEN VOICE" impedance adaptor in the audio door entry pillar art. 6560.

Conformity to Standards

EMC Directive
EN 61000-6-1, EN 61000-6-3 Standards

Connections and front view



Terminals description

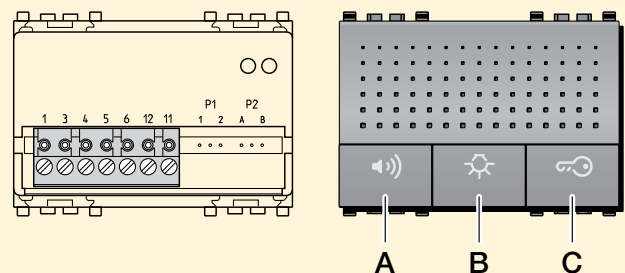
- 1 Phonic reception (speaker)
- 2 Phonic transmission (microphone)
- 3 Phonic (common)
- 6E Outdoor station call
- 6P Landing call
- 6 Terminal free
- 6S Call repeater
- 7 Open door button
- 4A Open door button (common)
- 8 Auxiliary function button
- 4B Auxiliary function button (common)

- Button A:** Voice communication function (talk-listen).
Button B: Auxiliary function.
Button C: Open door function.

Conformity to Standards

EMC Directive
EN 61000-6-1, EN 61000-6-3 Standards

Connections and front view



Terminals description

- 1 Digital line
- 3 Main phonic pillar
- 4 Mass terminal
- 5 Digital line supply (13,5 V d.c.)
- 6 Supplementary bell
- 12 Secondary phonic for outdoor
- 11 Outdoor call

- Jumper P1:** AUXILIARY button configuration:
- Jumper closed in 1 (default) = control CALL-F1.
- Jumper closed in 2 = landing lock opening.
- Jumper P2:** Outdoor type configuration
- Jumper closed in A (default) = outdoor "audio"
- Jumper closed in B = outdoor "bell".

- Button A:** Voice communication function (talk-listen).
Button B: Auxiliary function.
Button C: Open door function.

Eikon and Plana devices

Elvox Sound System speakerphone

Speakerphone for Elvox Sound System with door opening and stair lights switching on functions - 3 modules

EIKON



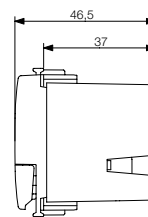
20555
grey



20555.B
white



20555.N
Next



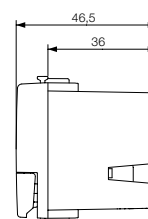
PLANA



14555
white



14555.SL
Silver



Elvox DigiBus speakerphone

Speakerphone for Elvox DigiBus with door opening and stair lights switching on functions - 3 modules

EIKON



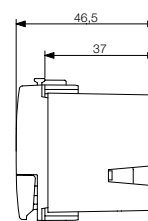
20556
grey



20556.B
white



20556.N
Next



PLANA



14556
white



14556.SL
Silver

