

ELVOX 8879 (2 WIRE)



Terminals

- 1 Bus
- 2 Bus
- 4 Local Call
- 5
- 6S
- 6P Local Call

IMPORTANT NOTE :

1) Before replacing the handset make note of the wires to each terminal on the existing unit (an easy way is to cut each core off leaving a piece of the insulation in place with colour visible) twist unused cores together (so you know they are not used, do not short them out).

2) Some older systems will have cable with one coloured core and a solid white core in this case mark each core with a marker or tape.

3) Some systems may have loop on wiring, you will have 2 cables into your handset (make sure any joins remain, as these may be serving other flats on the system).

WIRING DIAGRAM

Impianto citofonico mono e plurifamiliare con citofoni ed una targa audio (Rif. Si435)

Single and multiple residence system with interphones and one audio entrance panel (Ref. Si435)

Système de portiers audio mono et plurifamilial avec portiers audio et une plaque de rue audio (réf. Si435)

Ein- und Mehrfamilien-Türsprechanlage mit Haustelefonen und Einem Klingeltabelleau (NR. Si435)

Instalación de porteros eléctricos unifamiliar y plurifamiliar con teléfonos y una placa audio (Ref. Si435)

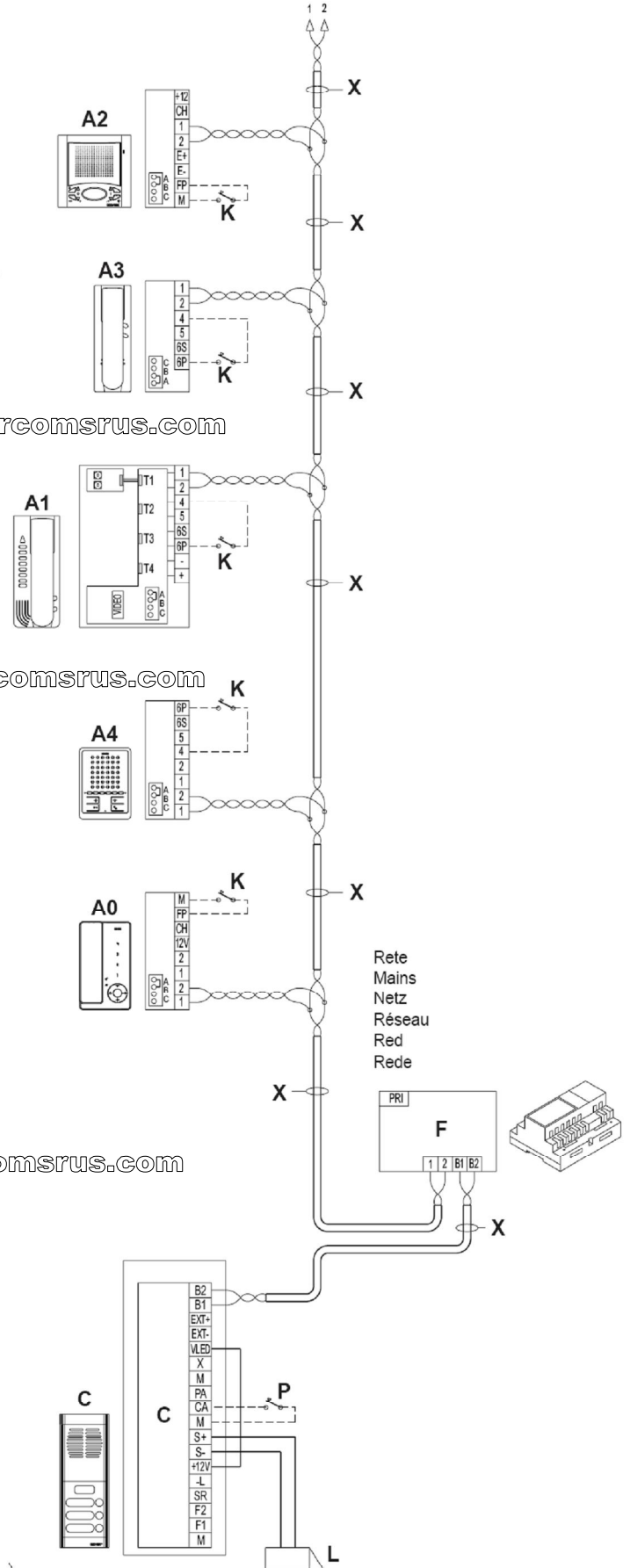
Instalação de porteiro mono e plurifamiliar com telefones e uma botoneira audio (Refª. Si435)

Montante - Cable riser - Colonne montante
Steigleitung - Montante - Coluna montante

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Bus termination for video signal stabilisation

The interphone is provided with a "BUS termination connector" (A-B-C) for video signal stabilisation.

Depending on the connection configuration (interphones/monitors connected in series or derived from a distributor), set a jumper on the connector ABC as described in the note "Bus termination for ELVOX TWO-WIRE INSTALLATIONS" in the wiring diagrams section below.

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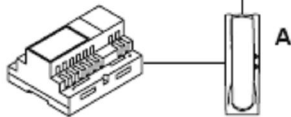


Fig. 3

Programming

There are three interphone programming modes: assignment of an identification code or call code (indispensable), assignment of a secondary identification code (for interphones associated with a master interphone), programming of pushbuttons for auxiliary services and intercommunicating calls (when necessary).

Programming must be performed with the system switched on, without active communication and only after connecting the interphones/monitors to the system and programming the panels.

Attention: during the interphone identification code programming you have 30 seconds from the moment you enter the programming in the interphone and the moment you press the call push-button on the panel or you send the code.

Identification code programming

The identification code is programmed via an entrance panel (MASTER), already configured and present on the system.

The interphone is supplied without associated identification code. To verify this condition, press the lock release pushbutton and the interphone should emit a triple "Beep"

Programming phase:

- 1) Remove the interphone cover.
- 2) Press and hold the RESET pushbutton on the interphone.
- 3) Press and hold the tab on the lock release pushbutton, together with the RESET pushbutton.
- 4) Release the RESET pushbutton, keeping the lock release pushbutton pressed.
- 5) After 2 seconds the interphone emits a high tone and communication is enabled with the panel.
- 6) Release the tab of the lock release pushbutton.
- 7) On pushbutton entrance panels, press the call button for the interphone, while on alphanumeric keypads, enter the call code and press pushbutton "🔔".
- 8) If the system contains an interphone that already has the same associated identification code, the panel emits a low signal and the operation should be repeated from point 2.
- 9) Otherwise the code is associated with the interphone and communication is terminated.

Secondary identification code programming

Programming of the secondary identification code is only required when more than one interphone is to be called by means of the same pushbutton or call code. The interphones that ring at the same time are associated with the same group. The "master" interphone is programmed first by means of the "identification code programming" procedure described above, while the additional group interphones are programmed with the secondary identification code (see table page 18).

A maximum of three audio door entry units plus one group master can be associated with the same group, without the need for programmer Type 950C

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or SaveProg .

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Programming phase:


- 1) Remove the interphone cover.
- 2) Press and hold the RESET pushbutton on the interphone.
- 3) Press and hold the tab on the lock release pushbutton and the self start/ auto-activation (on top right hand side) pushbutton (Attiv-top on the right hand side) together with the RESET pushbutton.
- 4) Release the RESET pushbutton, keeping the other two pushbuttons pressed.
- 5) After 2 seconds the interphone emits a high tone and communication is enabled with the panel.
- 6) Release the tab on the lock release pushbutton and the self start pushbutton.
- 7) On pushbutton entrance panels, press the call button for the "master" interphone, while on alphanumeric keypads, enter the call code of the "master" interphone and press pushbutton "🔔".

Pushbutton programming

The interphone is supplied with a pushbutton, for the functions auxiliary service "stair light", which activates the 1st relay of the 1st actuator (type 69RH). To change the operating mode of push-button, use programmer type 950C or SaveProg, with the exception of the programming push-button as intercommunicating or for the self-start service associated with a specific panel. If a pushbutton is programmed for a specific function, the interphone emits a "Click" when pressed; otherwise it does not emit any signal.

Intercommunicating call pushbutton programming

Programming phase:

- 1) Raise the handset of the interphone/video interphone to call (when using series 8870, Giotto, Petrarca). With other versions of series 6600 (without handset) press and keep pressed the talk/listen push-button 
- 2) Remove the cover of the interphone to be programmed.
- 3) Press and hold the RESET push-button on the audio door entry unit to program.
- 4) Press and hold the stair light pushbutton to make the intercommunicating call together with the RESET pushbutton.
- 5) Release the RESET pushbutton, keeping the stair light pushbutton pressed.
- 6) After 2 seconds the interphone emits a high tone, while the other interphone emits a 3-tone ascending scale.
- 7) Release the stair light pushbutton.
- 8) On the interphone called (with the 3-tone ring), press one of the programmed pushbuttons (such as lock, F1, F2 or actuator).
- 9) A high tone confirms the end of the procedure.

Programming the self-start pushbutton to a specific panel.

Programming phase:

- 1) Remove the interphone cover.
- 2) Press and hold the RESET pushbutton on the interphone.
- 3) Press and hold the stair light pushbutton together with the RESET pushbutton.
- 4) Release the RESET pushbutton, keeping the stair light pushbutton pressed.
- 5) After 2 seconds the interphone emits a high tone.
- 6) Release the self start pushbutton.
- 7) On pushbutton entrance panels, press the call button for the interphone, while on alphanumeric keypads, enter the call code and press pushbutton "🔔".
- 8) A high tone confirms the end of the procedure.

Restoring default values of pushbutton (for stair light (P2)).

Programming phase:

- 1) Remove the interphone cover.
- 2) Press and hold the RESET pushbutton on the interphone.
- 3) Press and hold the relative stair light pushbutton together with the RESET pushbutton.
- 4) Release the RESET pushbutton, keeping stair light push-button pressed.
- 5) After 2 seconds the interphone emits a high tone.
- 6) Release the stair light pushbutton and then press again.

Programming phase:

- 1) Remove the interphone cover.
- 2) Press and hold the RESET pushbutton on the interphone.
- 3) Press and hold the self start pushbutton (ATTIV) together with the RESET ATTIV. pushbutton.
- 4) Release the RESET pushbutton, keeping the self-start pushbutton pressed.
- 5) After 2 seconds the interphone emits a continuous tone for two seconds.
- 6) Release the self-start pushbutton.
- 7) During the continuous tone, press the tab on the lock release pushbutton.

If the deletion procedure is successful, when the lock release tab is pressed once more the interphone emits a triple "Beep".

Operation

Calls from an entrance panel, intercommunicating calls and door calls are differentiated by means of different tones.

Door calls.

Calls from entrance panels do not follow the pressed pushbutton but are generated inside the interphone. The call interval is 1 second of ringtone and 2 seconds of pause repeated twice (default value set on panel). To answer, raise the handset. If the handset is already raised during the call, replace and raise it again. The call answer time (30 s) and the conversation time (2 minutes by default) are set in the panel parameters. When the conversation time has elapsed, the user can continue without replacing the handset if a new call is made within 10 seconds from the same panel.

Intercommunicating call.

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Lift the handset and press the intercommunicating button for the interphone/monitor to be called. On the handset of the interphone called a call tone will ring (if the call is enabled) or an engaged tone (if not enabled). On the called interphone the ringtone starts sequentially at intervals of 1 second ringing and 4 seconds pause. The maximum duration of the call is 30 seconds (6 cycles). To answer the call, simply raise the handset; the maximum duration of the conversation is 5 minutes. When the conversation time has elapsed, the user can continue without replacing the handset if a new call is made within 10 seconds. Calls from the panel have priority over intercommunicating calls.

Lock Button

The lock button of each device works in the following manner.

- Device with handset at rest → lock to the last entrance panel with which it has spoken or from which it has been called.
- Device with handset raised but not engaged in a conversation → call to switchboard if the Switchboard flag is YES. Otherwise it goes back to the first case.
- Device with handset raised and engaged in an internal conversation → as in the first case.
- Device with handset raised and engaged in an external conversation or called from entrance panel lock → to the entrance panel being spoken with or from which it has been called.

In practice a lock is always activated except when the handset is raised and you immediately press the lock button. This can also be taken to the standard case if the system has no porter switchboard and the Switchboard flag is set on NO.

* BUS TERMINATION

This note applies to all devices with Due Fili Plus technology equipped with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *

For correct adaptation of the line, make the setting according to the following rule:

Maintain position "A" if the BUS enters and exits from the device;

Move to position "B" (if Evox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.

"A" = NO TERMINATION

"B" = TERMINATION 100 ohm

"C" = TERMINATION 50 ohm

INSTALLATIONS WITH PASSIVE DISTRIBUTOR 692D

(DIN rail version)

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D: If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector. The default "TOUT" connector is in the "100" position (Evox cable), position it to "50" only if using a CAT5 twisted pair cable.

INSTALLATIONS WITH ACTIVE DISTRIBUTOR 692D/2.

The termination jumper must be positioned on "B" (for Evox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.