

EN

TECHNICAL  
MANUAL



Digital call module  
Art. 3070S

 **Comelit**<sup>®</sup>  
Passion. Technology. Design.

# Warning

## Intended use

This Comelit product was designed for use in the creation of audio and video communication systems in residential, commercial or industrial settings and in public buildings or buildings used by the public.

## Installation

All activities connected to the installation of Comelit products must be carried out by qualified technical personnel, with careful observation of the indications provided in the Manuals / Instruction sheets supplied with those products.

## Wires

Cut off the power supply before carrying out any maintenance procedures.

Use wires with a cross-section suited to the distances involved, observing the instructions provided in the system manual.

We advise against running the system wires through the same duct as the power cables (230V or higher).

## Safe usage

To ensure Comelit products are used safely:

- carefully observe the indications provided in the Manuals / Instruction sheets
- make sure the system created using Comelit products has not been tampered with / damaged.

## Maintenance

Comelit products do not require maintenance aside from routine cleaning, which should be carried out in accordance with the indications provided in the Manuals / Instruction sheets.

Any repair work must be carried out

- for the products themselves, exclusively by **Comelit Group S.p.A.**,
- for systems, by qualified technical personnel.

## Disclaimer

**Comelit Group S.p.A.** does not assume any responsibility for

- any usage other than the intended use
- non-observance of the indications and warnings contained in this Manual / Instruction sheet.

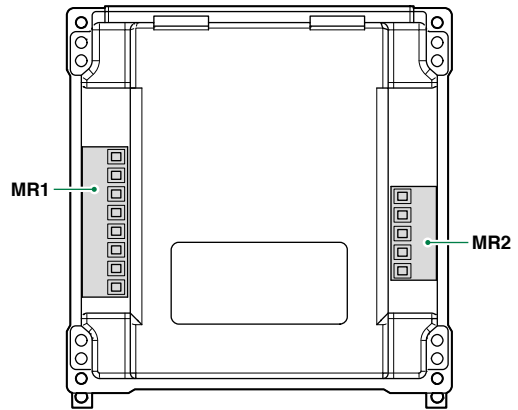
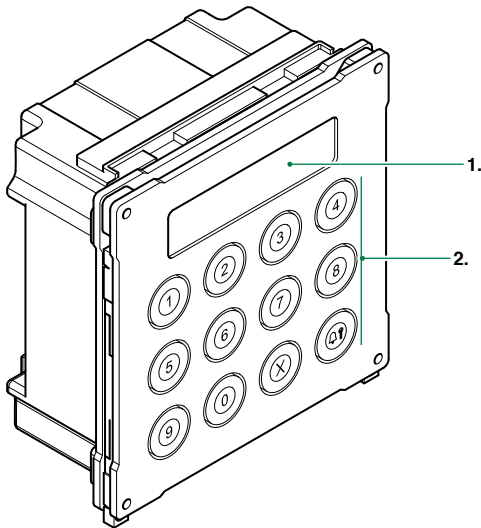
**Comelit Group S.p.A.** nonetheless reserves the right to change the information provided in this Manual / Instruction sheet at any time and without prior notice.

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# Description

Vandalcom series digital call module made using double 2.5 mm 316 stainless steel plate, complete with 12-button backlit keypad plus 16-character alphanumeric display for showing call codes and interactive user messages (engaged, etc.). Also functions as an electronic key code device with a possible 1000 different 6-digit codes. For use in Building kit, SBTOP, SB1 audio, SB2 audio and ViP systems.



- 1. LCD screen
- 2. Alphanumeric keys

## Terminal block for **MR1** connection

- V+ V-** DC power supply
- 12~ 12~** AC power supply
- S** serial port
  - reference negative
- PR** programming input
  - reference negative

## Terminal block for **MR2** connection

- D+** RS485 connection
- D-** RS485 connection
  - reference negative
- RX** RS232 connection
- TX** RS232 connection

# Technical features

## MAIN FEATURES

Backlighting color	Green led
Vandal Resistant rating (IK code)	Yes
Product height (mm)	106
Product width (mm)	106
Product depth (mm)	56
Operating temperature (°C)	-25 ÷ +55
Maximum current absorption (mA)	100

## SOFTWARE/FIRMWARE SPECIFICATIONS

No. user codes	1000
----------------	------

## FUNCTIONS

Key button function	Yes
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## HARDWARE SPECIFICATIONS

Total buttons	12
---------------	----

## COMPATIBILITY

Simplebus Top audio/video system	Yes
Building Kit audio/video system	Yes
Simplebus 2 audio system	Yes
Simplebus 1 audio system	Yes
Vip system	Yes

## MOUNTING/INSTALLATION

Flush-mounted	Yes
Wall-mounted	Yes

## AUDIO/VIDEO FEATURES

Display resolution (H x V)	16x2 characters
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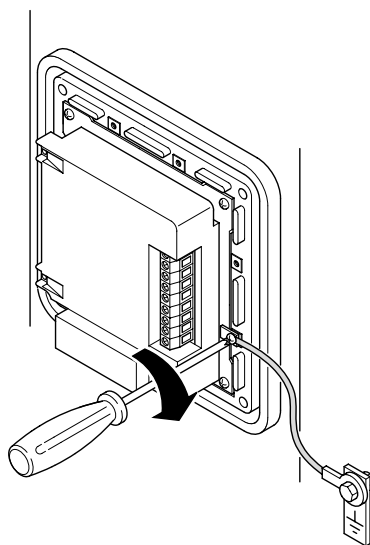
## CONNECTIVITY

Type of connections/ports	RS232, RS485
RS232 ports	1
RS485 ports	1

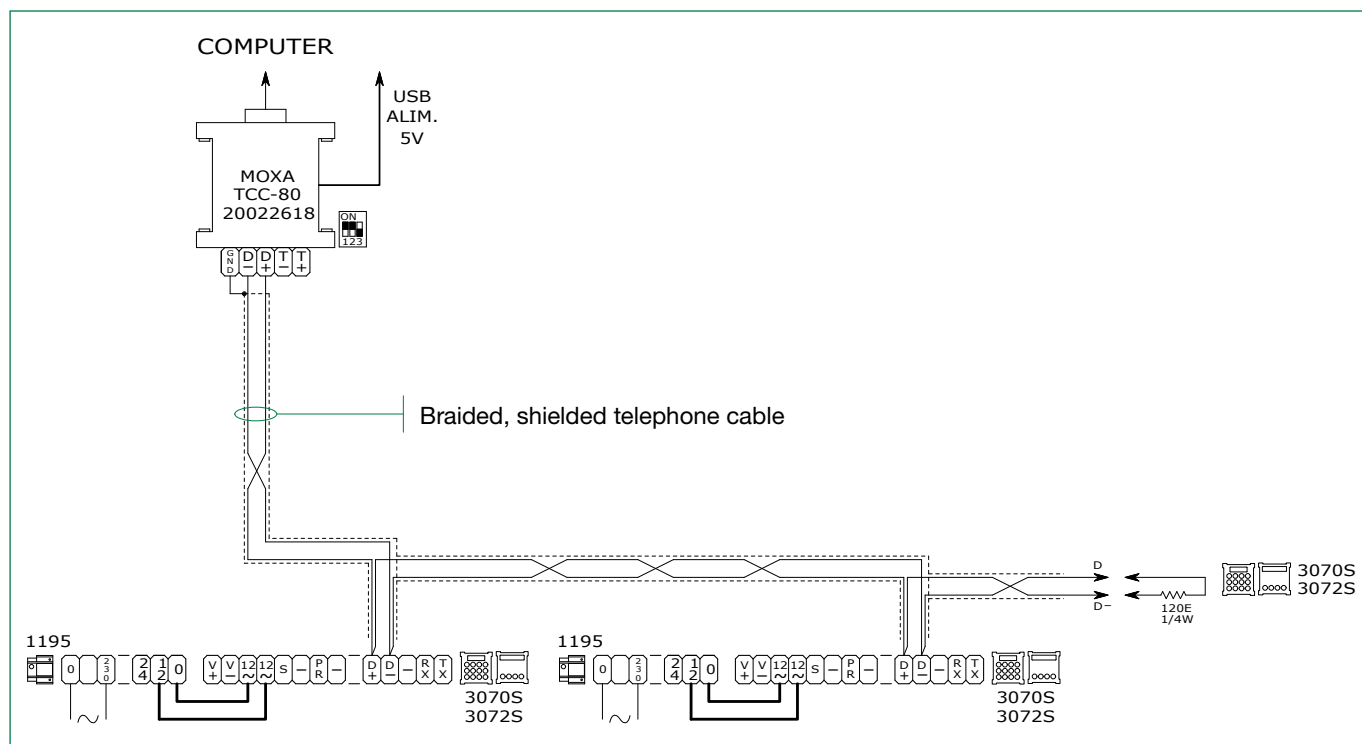
# Connections

## Connection to earth of 3070S

To prevent any interference caused by electrostatic discharges, it is advisable to screen the casing as shown in the diagram



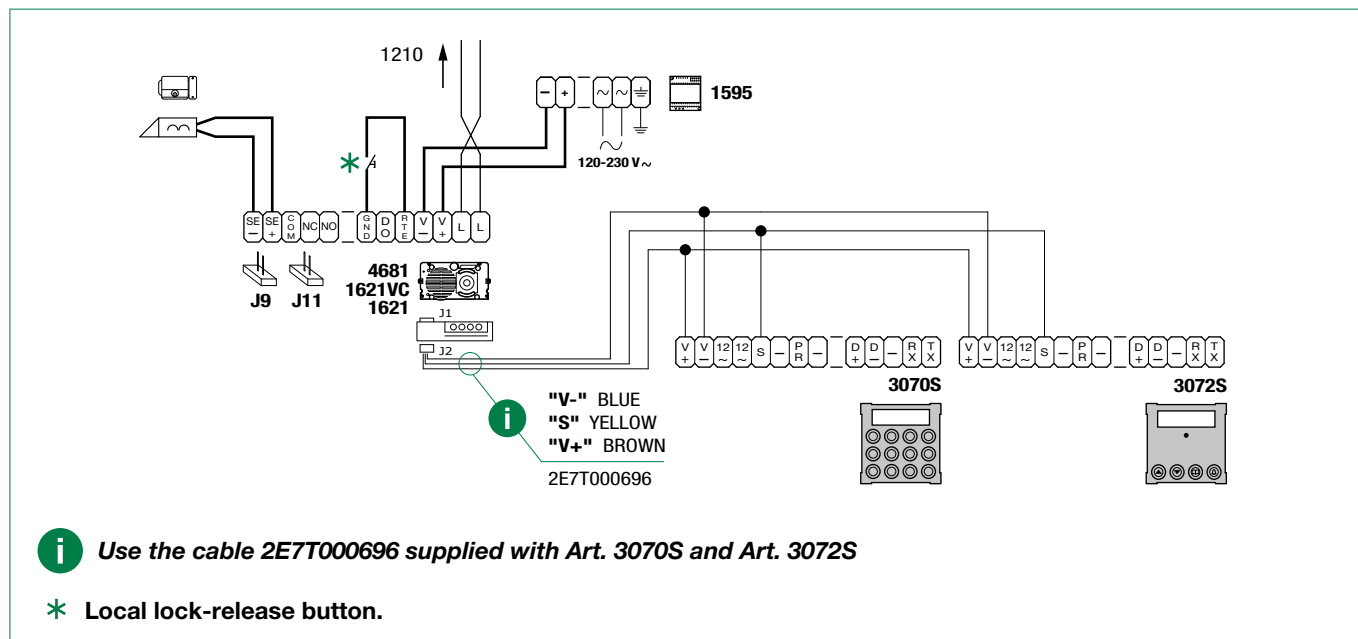
## Connection to computer



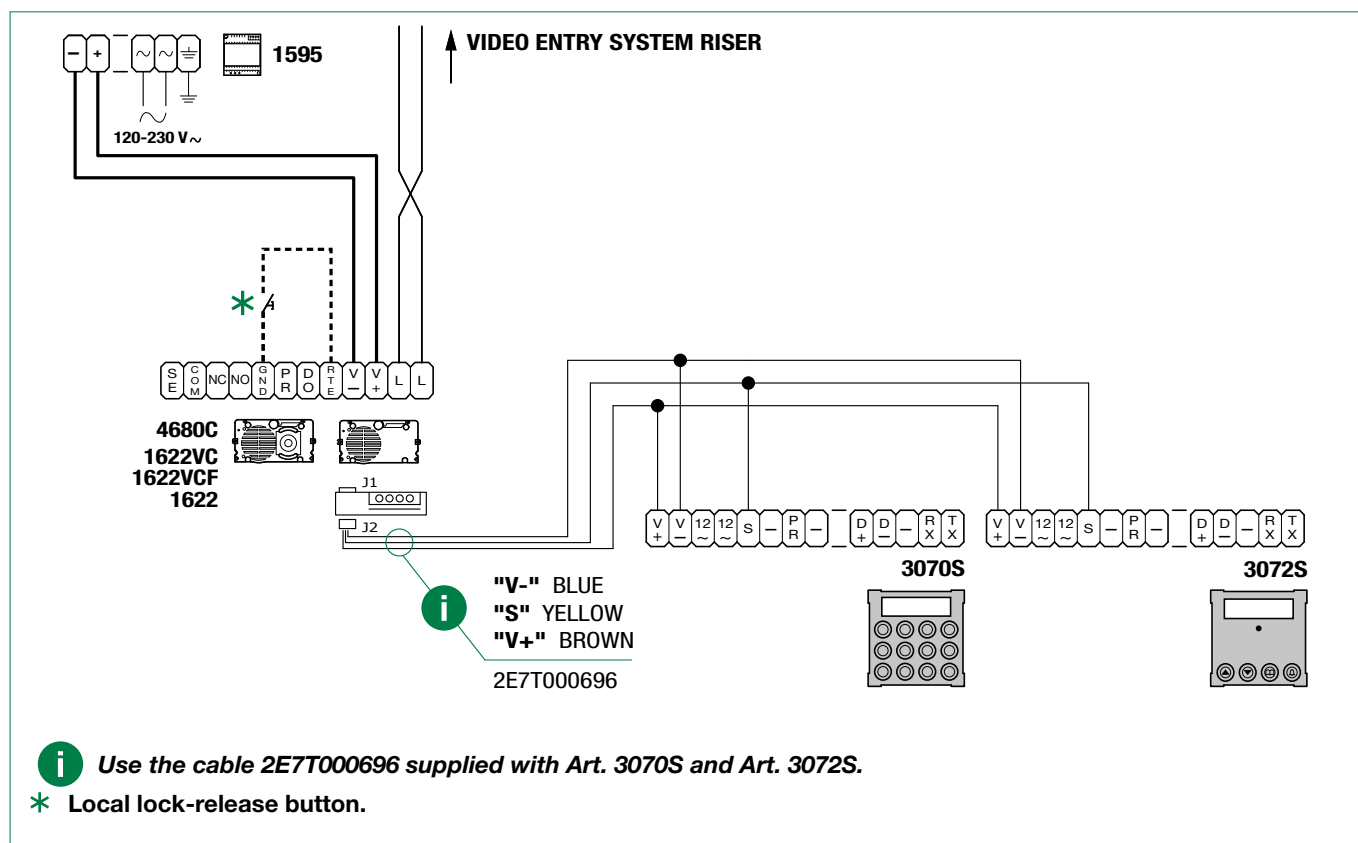
It is possible to use up to 5 terminals Art. 3070S-3072S

Maximum distance between l'Art. 20022618 and furthest terminal Art. 3070S-3072S: 100m

## Connection in Building Kit and SB2 systems



## Connection in SBTOP and SB1 systems



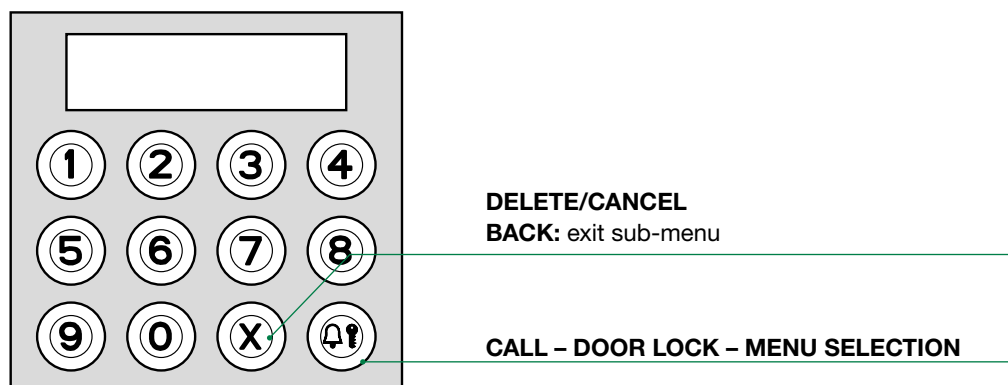
# Program and Operation

The Comelit digital call module Art. 3070S can be used in Building kit, SBTOP, SB1 audio, SB2 audio and ViP systems, and is fitted with a numeric keypad to call door-entry phone users by entering the code which identifies them.

## The main characteristics are as follows:

- Memory capacity for Simplebus systems: 1000 directory entries of 16 numeric characters.
- 32-character numeric display.
- Option of changing the parameters: Door lock time, Audio time and Reset time for the speaker module (reset time adjustment is not available in VIP mode).
- ACCESS CONTROL function for opening the door by keying in a pre-recorded password code.
- 5 call management modes (see [“1.1.3. Call mode”](#)):
  - Standard Simplebus (default),
  - Simplebus Indirect code,
  - Simplebus Top,
  - Simplebus Top Indirect code.
  - VIP
- Entering the list of users (Download) via connection to PC equipped with software Art. 1249B.
- Entering the list of users via connection with the PC can be performed over an RS232 line or over an RS485 line by means of the interface card Art. 20022618 (see [“Connection to computer”](#)).
- Reading (Upload) the list of users stored on the directory module via connection to PC equipped with software Art. 1249B.
- Option of displaying graphics interface messages in one of 12 available languages (Italian, English, French, German, Portuguese, Danish, Finnish, Dutch, Spanish, Swedish, Polish and Norwegian).
- Welcome message management (only available in VIP mode and programmable via VIP Manager) **[NOT SIMPLEBUS, NOT SIMPLEBUS TOP]**
- Screensaver (only available in VIP mode and programmable via VIP Manager) **[NOT SIMPLEBUS, NOT SIMPLEBUS TOP]**

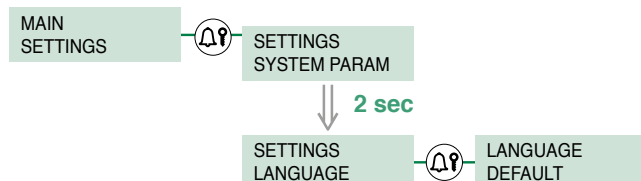
## Navigation mode




- ✓ Access to the configuration stage has been carried out (see [“Accessing/exiting the configuration stage”](#)).
- » The menus are scrolled through automatically every 2 seconds.
- ▶ Press to confirm the selection.
- ▶ Press **X** to return to the menu level above.

### EXAMPLE: Accessing “language” parameter modification

- ▶ access configuration mode (see [“Accessing/exiting the configuration stage”](#)).



A new parameter is entered by scrolling through the possible values using the number keys.


1. Press the number corresponding to the desired value (in the example 0 = Italian).
  - » after 2 sec. the parameter corresponding to the entered number appears on screen.
2. Press  to confirm the parameter.
  - ▶ Press another number to change your selection.
  - ▶ Press **X** to return to the menu level above.

**EXAMPLE: “italiano” selected as language**




## Self-testing


**Call mode testing**

 When the device is switched on, it performs a test to check the type of system configured on the speaker (Simplebus, Simplebus Top or VIP).


**If the digital call module is new (or if the parameters have been restored to the default values):**


- if the module is connected to a VIP system
  - » the module aligns with the speaker, self-configuring in “VIP call mode”, and receives all the information and data stored on the speaker;
- if the module is connected to an SB TOP system
  - » the first call mode display screen shows the string **ERROR** .
- if the module is connected to an SB system
  - » the first call mode display screen shows the string **SIMPLEBUS**.

**If the digital call module has a directory already containing data:**

- if the directory and speaker are configured differently:
  - » the first call mode display screen shows the string **ERROR** .
- if the directory and speaker are aligned:
  - » the first checking screen will show the system type **SB / SB TOP / VIP**.

 **Follow the procedure described in “1.1.3. CALL MODE” if you want to align the directory module with the type of system configured on the speaker.**

INITIAL CONDITION		
Module powered up	CALL MODE PLEASE WAIT	The message PLEASE WAIT indicates self-testing in progress.
	CALL MODE SIMPLEBUS  or:  CALL MODE ERROR	At the end of self-testing the type of system set is displayed (SIMPLEBUS by default).  If the directory and speaker are configured differently.  .

 **Follow the procedure described in “1.1.3. CALL MODE” if you want to align the directory module with the type of system configured on the speaker.**



## Setting the language

If the LANGUAGE parameter is set to DEFAULT.

During startup (after call mode testing), you will be asked to select the operating language.

INITIAL CONDITION		
	LANGUAGE DEFAULT	The current value of the parameter appears on screen.
PROCEDURE	DISPLAY INFO	DESCRIPTION
Select the operating language by entering the corresponding number: 0 = ITALIANO 1 = ENGLISH 2 = FRANÇAIS 3 = DEUTSCH 4 = PORTUGUES 5 = DANSK 6 = SUOMI 7 = NEDERLANDS 8 = ESPAÑOL 9 = SVENSKA 10 = POLSKI 11 = NORSK 12 = DEFAULT(italian)	LANGUAGE _ _ _ 1 ↓ 2 sec LANGUAGE ENGLISH	<b>N.B. If the LANGUAGE parameter is set to DEFAULT, you will be asked to set the language again at the next startup.</b>
Press the  key to confirm the value of the parameter. Press <b>X</b> to exit the selected language.	PARAMETER CHANGED  or:  ERROR	If entry is successful.  If entry does not fall within the limits.

## Using the digital module





### Calling a user

INITIAL CONDITION		
Module powered up in standby.	ENTER USER CODE	
PROCEDURE	DISPLAY INFO	DESCRIPTION
Enter code using the numeric keypad on module Art. 3070S.	PRESS  1 TO CALL	<b>EXAMPLE:</b> calling a user with code 1.
Press the  key to call.	PLEASE WAIT	
	If the call was successful you will see: CALL EFFECTED  If the call was not successful you will see: CALL FAILED  Or if the riser is busy you will see: BUSY USER	
	If the call is successful and the user answers you will see: COMMUNICATING...	

## Ending a call/conversation

INITIAL CONDITION		
	<p>CALL EFFECTED</p> <p>Or:</p> <p>COMMUNICATING...</p>	<p>Call effected.</p> <p>Conversation in progress.</p>
PROCEDURE	DISPLAY INFO	DESCRIPTION
Press the <b>X</b> . key	<p>END OF COMMUNICATION</p>	





## Opening the door by entering the password code

INITIAL CONDITION		
	<p>ENTER USER CODE</p>	Standby
PROCEDURE	DISPLAY INFO	DESCRIPTION
Press the  key.	<p>PASSWORD: _ _ _ _ _</p> <p>CONFIRM WITH </p>	To cancel the procedure press the <b>X</b> . key
Enter the password code. (min. 4 characters).	<p>PASSWORD: _ _ * * * *</p> <p>CONFIRM WITH </p>	If the password is 4-5 characters long, it will self-complete: the first digits will be zero (e.g.: 001234 / 012345).
Press  to confirm.	<p>DOOR OPEN</p> <p>or:</p> <p>WRONG PASSWORD</p>	<p>If the password code is already in the memory. The contact on the speaker module will be activated.</p> <p>If the password code does not exist in the memory.</p>

## Accessing/exiting the configuration stage

PROCEDURE	DISPLAY INFO	DESCRIPTION
Connect terminal PR to terminal – and power up the module.	MAIN SETTINGS	The module is in programming mode. The menus are scrolled through automatically every 2 seconds.
Configure the parameters you wish to change...(see <a href="#">“1.1. System parameters”</a> )		
After configuration is complete, cut off the power supply and remove the connection between PR and –.		The module has exited programming mode.

Or:

PROCEDURE	DISPLAY INFO	DISPLAY INFO
In standby. Press  .	PASSWORD: _ _ _ _ _ CONFIRM WITH 	Login screen.
Enter the supercode (default = 778899).	PASSWORD: ***** CONFIRM WITH 	If the supercode is 4-5 characters long, it will self-complete: the first digits will be zero (e.g.: 001234 / 012345).
Press  to confirm.	MAIN SETTINGS	The module is in programming mode. The menus are scrolled through automatically every 2 seconds.
Configure the parameters you wish to change...(see <a href="#">“1.1. System parameters”</a> )		
Wait 30 sec.		The module has exited programming mode.




# 1. Settings

## 1.1. System parameters


### 1.1.1. Speaker parameters

This procedure can be used to:

- A. Change the audio time** audio times (t AUDIO)
- B. Change the door lock time** the door lock relay closure time (t DOOR LOCK)
- C. Change the reset time [NOT VIP]** the speaker module reset time once door-entry phone communication has ended (t RESET)

PROCEDURE	DISPLAY INFO	DESCRIPTION
<p>Access configuration (see <b>“Accessing/ exiting the configuration stage”</b>)</p> <p>Select the menu SETTINGS / SYSTEM PARAM. / <b>SPEAKER PARAM.</b> using the key .</p>	<p>SETTINGS SYSTEM PARAM.</p> <p>SYSTEM PARAM. SPEAKER PARAM.</p> <p>SPEAKER PARAM. ENTER t AUDIO</p>	<p><b>The menus are scrolled through automatically every 2 seconds.</b></p>
<p>Select, using the key  the menu option for the parameter you want to change. (t AUDIO, t DOOR LOCK, t RESET)</p>	<p>ENTER t AUDIO 0010</p>	<p><b>EXAMPLE:</b> Changing the conversation time.</p> <p>The minimum (not current) value of the parameter appears on screen.</p>
<p>To change the parameter, enter a new value.</p>	<p>ENTER t AUDIO __ 20</p>	<p><b>Choose a value that falls within the following limits:</b></p> <p><b>[SB] [SB TOP]</b></p> <p>t AUDIO (10-180) t DOOR LOCK (1-8) t RESET (1-10)</p> <p><b>[VIP]</b></p> <p>t AUDIO (30-600) t DOOR LOCK (1-60)</p>
<p>Press the key  to confirm the value of the parameter.</p>	<p>PARAMETER CHANGED</p> <p>or:</p> <p>ERROR</p>	<p>If entry is successful.</p> <p>If entry does not fall within the limits.</p>
<p>Exit configuration (see <b>“Accessing/exiting the configuration stage”</b>)</p>		



- D. Viewing [NO VIP]** This procedure can be used to view the audio time, door lock relay closure time and reset time for the speaker module, plus the call mode.

PROCEDURE	DISPLAY INFO	DESCRIPTION
<p>Access configuration (see <b>“Accessing/ exiting the configuration stage”</b>) Select the menu SETTINGS / SYSTEM PARAM. / SPEAKER PARAM. / <b>VIEWING</b> using the key .</p>	<p>SETTINGS SYSTEM PARAM.</p> <p>SYSTEM PARAM. SPEAKER PARAM.</p> <p>SPEAKER PARAM. VIEWING</p>	<p><b>The menus are scrolled through automatically every 2 seconds.</b></p>

	<p>AUDIO TIMING 0020</p> <p>DOOR LOCK TIME 0002</p> <p>RESET TIME 0010</p> <p>CALL MODE SIMPLEBUS</p>	<p>The parameter values are displayed automatically every 2 seconds.</p> <p>Press <b>X</b> to exit speaker parameter viewing.</p>
Exit configuration (see <a href="#">“Accessing/exiting the configuration stage”</a> )		

### 1.1.2. Download type [NO VIP]

The parameter sets the type of connection (RS232 or RS485) used for data management.

PROCEDURE	DISPLAY INFO	DESCRIPTION
Access configuration (see <a href="#">“Accessing/exiting the configuration stage”</a> ) Select the menu SETTINGS / SYSTEM PARAM. / <b>DOWNLOAD TYPE</b> using the  key.	<p>MAIN SETTINGS</p> <p>SETTINGS SYSTEM PARAM.</p> <p>SYSTEM PARAM. DOWNLOAD TYPE</p> <p>DOWNLOAD TYPE RS232</p>	<p><b>The menus are scrolled through automatically every 2 seconds.</b></p> <p>The currently configured value appears on screen.</p>
Select the download type by entering the corresponding number: 0 = RS232 1 = RS485	<p>DOWNLOAD TYPE _ _ _ 1</p> <p style="text-align: center;">↓ 2 sec</p> <p>DOWNLOAD TYPE RS485</p>	<p><b>EXAMPLE:</b> Changing the download type.</p>
Press the key  to confirm the value of the parameter.	<p>PARAMETER CHANGED</p> <p style="text-align: center;">or:</p> <p>ERROR</p>	<p>If entry is successful.</p> <p>If entry does not fall within the limits.</p>
Exit configuration (see <a href="#">“Accessing/exiting the configuration stage”</a> )		

### 1.1.3. Call mode


There are 5 call management modes to choose from:

- Standard Simplebus (default),
- Simplebus Indirect code,
- Simplebus Top,
- Simplebus Top Indirect code,
- VIP

#### A. SIMPLEBUS - STANDARD call mode (default)

In this operating mode, the door-entry phone user is identified by a Code field no longer than 3 digits (between 1 and 240).

The call is made as follows:

1. On the keypad, enter the code 1
  2. Press the key 
- » *transmit the call to the user identified with the code 1*


#### B. SIMPLEBUS - INDIRECT CODE call mode

In this operating mode, the door-entry phone user is identified by an Indirect Code field no longer than 6 digits and a Code field no longer than 3 digits (between 1 and 240).

##### Example

User identified by Code = 1 and Indirect Code = 1000


The call is made as follows:

1. On the keypad, enter the code 1000
  2. press the key 
- » *transmit the call to the user identified with the code 1*

#### C. SIMPLEBUS TOP call mode

In this operating mode, the door-entry phone user is identified by a 2-part Code field; a zone field with up to 3 digits (between 1 and 500) and a user field which must have 3 digits (between 1 and 240).

The call is made as follows:

1. On the keypad, enter the code 25 015
  2. press the key 
- » *call transmitted to the user identified with the code 25 015*


#### D. SIMPLEBUS TOP – INDIRECT CODE call mode

In this operating mode, the door-entry phone user is identified by an Indirect Code field no longer than 6 digits and a 2-part Code field; a zone field with up to 3 digits (between 1 and 500) and a user field which must have 3 digits (between 1 and 240).

##### Example

User identified by Code = 25 015 and Indirect Code = 1000

The call is made as follows:


1. On the keypad, enter the code 1000
  2. press the key 
- » *call transmitted to the user identified with the code 25 015*




#### E. VIP call mode

In this operating mode the door-entry phone user is identified with a VIP address (max. 8 digits; for code self-completion please refer to the technical manual for VIP Manager software).

Address entry on the speaker is managed using VIP Manager software.

The call is made as follows:

1. On the keypad, enter the code 56
  2. press the key 
- » *transmit the call to the user identified with the code 56*

PROCEDURE	DISPLAY INFO	DESCRIPTION
<p>Access configuration (see <a href="#">“Accessing/exiting the configuration stage”</a>)</p> <p>Select the menu SETTINGS / SYSTEM PARAM. / <b>CALL MODE</b> using the  key.</p>	<p>MAIN SETTINGS</p> <p>SETTINGS SYSTEM PARAM.</p> <p>SYSTEM PARAM. CALL MODE</p> <p>CALL MODE SIMPLEBUS</p>	<p><b>The menus are scrolled through automatically every 2 seconds.</b></p> <p>The current value of the parameter appears on screen (Simplebus, Simplebus Top, VIP).</p>
<p>Select the call mode by entering the corresponding number:</p> <p>0 = SIMPLEBUS 1 = SIMPLEBUS TOP 2 = VIP</p>	<p>CALL MODE _ _ _ 1</p> <p style="text-align: center;">↓ 2 sec</p> <p>CALL MODE SIMPLEBUS TOP</p>	<p><b>EXAMPLE:</b> setting the system as SIMPLEBUS TOP</p>
<p>Press the  key to confirm the value of the parameter.</p>	<p>PLEASE WAIT</p>	<p>If the change was successful the speaker will emit a confirmation tone.</p>
	<p>CALL MODE STANDARD</p>	<p>The current value of the parameter appears on screen (Standard or indirect code).</p>
<p>Select the call mode by entering the corresponding number:</p> <p>0 = STANDARD 1 = INDIRECT CODE <b>[NO VIP]</b></p>	<p>CALL MODE _ _ _ 1</p> <p style="text-align: center;">↓ 2 sec</p> <p>CALL MODE INDIRECT CODE</p>	<p><b>EXAMPLE:</b> setting the call mode as INDIRECT CODE.</p>
<p>Press the  key to confirm the value of the parameter.</p>	<p>PARAMETER CHANGED</p> <p style="text-align: center;">or:</p> <p>ERROR</p> <p style="text-align: center;">or:</p> <p>ERROR DEFAULT SETTINGS</p>	<p>If entry is successful.</p> <p>If entry does not fall within the limits.</p> <p><b>If the directory and speaker are configured differently and the directory already contains data, the default values must be restored.</b></p>
<p>Exit configuration (see <a href="#">“Accessing/exiting the configuration stage”</a>)</p>		

### 1.1.4. RS485 address [NO VIP]

The value of this parameter is used only in special applications.

PROCEDURE	DISPLAY INFO	DESCRIPTION
<p>Access configuration (see <a href="#">“Accessing/exiting the configuration stage”</a>)</p> <p>Select the SETTINGS / SYSTEM PARAM. / <b>ADDRESS RS485</b> using the  key.</p>	<p>MAIN SETTINGS</p> <p>SETTINGS SYSTEM PARAM.</p> <p>SYSTEM PARAM. ADDRESS RS485</p> <p>ADDRESS RS485 0000</p>	<p><b>The menus are scrolled through automatically every 2 seconds.</b></p> <p>The current value of the parameter appears on screen.</p>
<p>Enter the RS485 address: from 0 to 255.</p>	<p>ADDRESS RS485 _ 250</p> <p style="text-align: center;">↓ 2 sec</p> <p>RS485 0250</p>	<p><b>EXAMPLE:</b> Entering address 250.</p>
<p>Press the key  to confirm the value of the parameter.</p>	<p>PARAMETER CHANGED</p> <p style="text-align: center;">or:</p> <p>ERROR</p>	<p>If entry is successful.</p> <p>If entry does not fall within the limits.</p>
<p>Exit configuration (see <a href="#">“Accessing/exiting the configuration stage”</a>)</p>		

### 1.2. Language

The value of this parameter is used to set the language in which messages are displayed.

PROCEDURE	DISPLAY INFO	DESCRIPTION
<p>Access configuration (see <a href="#">“Accessing/exiting the configuration stage”</a>)</p> <p>Select the menu SETTINGS / <b>LANGUAGE</b> using the  key.</p>	<p>MAIN SETTINGS</p> <p>SETTINGS LANGUAGE</p> <p>LANGUAGE ENGLISH</p>	<p><b>The menus are scrolled through automatically every 2 seconds.</b></p> <p>The current value of the parameter appears on screen.</p>
<p>Select the operating language by entering the corresponding number:</p> <p>0 = ITALIANO / 1 = ENGLISH                  2 = FRANÇAIS / 3 = DEUTSCH                  4 = PORTUGUES / 5 = DANSK                  6 = SUOMI / 7 = NEDERLANDS                  8 = ESPAÑOL / 9 = SVENSKA                  10 = POLSKI / 11 = NORSK                  12 = DEFAULT(italiano)</p>	<p>LANGUAGE ___ 0</p> <p style="text-align: center;">↓ 2 sec</p> <p>LANGUAGE ITALIANO</p>	<p><b>EXAMPLE:</b> Setting the language to English.</p> <p><b>N.B. If the LANGUAGE parameter is set to DEFAULT, you will be asked to set the language again at the next startup.</b></p>
<p>Press the  key to confirm the value of the parameter.</p>	<p>PARAMETER CHANGED</p> <p style="text-align: center;">or:</p> <p>ERROR</p>	<p>If entry is successful.</p> <p>If entry does not fall within the limits.</p>
<p>Exit configuration (see <a href="#">“Accessing/exiting the configuration stage”</a>)</p>		



### 1.3. Default settings

This procedure restores the factory-set default parameters:

- Language = DEFAULT;
- System type = SIMPLEBUS;
- Call type = STANDARD;
- Screensaver = disabled (the Screen Saver function can only be programmed for VIP systems using VIP Manager);
- RS485 address = 0000;
- Download type = RS232;
- Supercode = 778899;
- Welcome message = disabled (the Welcome message function can only be programmed for VIP systems using VIP Manager);
- Static welcome message = disabled (the Welcome message function can only be programmed for VIP systems using VIP Manager);
- Number of directory entries = 0
- Number of password entries = 0



**This procedure resets the directory and password database**



PROCEDURE	DISPLAY INFO	DESCRIPTION
Access configuration (see <a href="#">“Accessing/exiting the configuration stage”</a> ) Select the menu SETTINGS / <b>DEFAULT SETTINGS</b> using the  key.		<b>The menus are scrolled through automatically every 2 seconds.</b>  The current value of the parameter appears on screen.
Select the desired value by entering the corresponding number: 0 = NO 1 = YES		
Press the  key to confirm the value of the parameter. Press <b>X</b> to exit the menu.		<b>If entry is successful.</b>
Exit configuration (see <a href="#">“Accessing/exiting the configuration stage”</a> )		

## 2. Access control



### 2.1. Supercode

The supercode can be used to access the configuration menu.

#### 2.1.1. Change

PROCEDURE	DISPLAY INFO	DESCRIPTION
Access configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> ) Select the menu ACCESS CONTROL / SUPERCODE / <b>CHANGE</b> using the key  .	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">MAIN ACCESS CONTROL</div> <div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">ACCESS CONTROL SUPERCODE</div> <div style="background-color: #e0e0e0; padding: 2px;">SUPERCODE CHANGE</div>	<b>The menus are scrolled through automatically every 2 seconds.</b>
Enter the new supercode value.	<div style="background-color: #e0e0e0; padding: 2px;">SUPERCODE VALUE: _ _ _ * * *</div>	The supercode must be at least 4 digits long. If the supercode is 4-5 characters long, it will self-complete: the first digits will be zero (e.g.: 001234 / 012345).
Press the  key to confirm the value of the parameter.	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">PARAMETER CHANGED</div> <p style="text-align: center;">or:</p> <div style="background-color: #e0e0e0; padding: 2px;">PASSWORD ALREADY IN MEMORY</div>	If entry is successful.  If the password has already been entered.
Exit configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> )		



#### 2.1.2. Default settings

PROCEDURE	DISPLAY INFO	DESCRIPTION
Access configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> ) Select the menu ACCESS CONTROL / SUPERCODE / <b>DEFAULT SETTINGS</b> using the key  .	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">ACCESS CONTROL SUPERCODE</div> <div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">SUPERCODE DEFAULT SETTINGS</div> <div style="background-color: #e0e0e0; padding: 2px;">DEFAULT SETTINGS NO</div>	<b>The menus are scrolled through automatically every 2 seconds.</b>  The current value of the parameter appears on screen.
Select the desired value: 0 = NO 1 = YES	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">DEFAULT SETTINGS _ _ _ 1</div> <p style="text-align: center;">↓ <b>2 sec</b></p> <div style="background-color: #e0e0e0; padding: 2px;">DEFAULT SETTINGS YES</div>	default = 778899
Press the  key to confirm the value of the parameter.	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">PARAMETER CHANGED</div> <p style="text-align: center;">or:</p> <div style="background-color: #e0e0e0; padding: 2px;">ERROR</div>	If entry is successful.  If entry does not fall within the limits.
Exit configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> )		



## 2.2. Password

The door lock relay on the speaker module can be activated by entering a password code stored previously (see [“Opening the door by entering the password code”](#))



### 2.2.1. Enter

PROCEDURE	DISPLAY INFO	DESCRIPTION
Access configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> ) Select the ACCESS CONTROL / PASSWORD / <b>ENTER</b> using the key  .	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">MAIN ACCESS CONTROL</div> <div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">ACCESS CONTROL PASSWORD</div> <div style="background-color: #e0e0e0; padding: 2px;">PASSWORD ENTER</div>	<b>The menus are scrolled through automatically every 2 seconds.</b>
Enter the desired password code.	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">PASSWORD VALUE: _ _ _ _ _</div> <div style="background-color: #e0e0e0; padding: 2px;">PASSWORD VALUE: * * * * *</div>	The password must be at least 4 digits long. If the password is 4-5 characters long, it will self-complete: the first digits will be zero (e.g.: 001234 / 012345).
Press the  key to confirm the value of the parameter. To exit the menu, press <b>X</b> .	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">PARAMETER CHANGED</div> <p style="text-align: center;">or:</p> <div style="background-color: #e0e0e0; padding: 2px;">PASSWORD ALREADY IN MEMORY</div>	<p>If entry is successful.</p> <p>Up to 1000 password codes can be entered.</p> <p>If the password has already been entered.</p>
Exit configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> )		

### 2.2.2. Delete

PROCEDURE	DISPLAY INFO	DESCRIPTION
Access configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> ) Select the menu ACCESS CONTROL / PASSWORD / <b>DELETE</b> using the key  .	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">ACCESS CONTROL PASSWORD</div> <div style="background-color: #e0e0e0; padding: 2px;">PASSWORD DELETE</div>	<b>The menus are scrolled through automatically every 2 seconds.</b>
Enter the desired password code.	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">PASSWORD VALUE: _ _ _ _ _</div> <div style="background-color: #e0e0e0; padding: 2px;">PASSWORD VALUE: * * * * *</div>	Enter the exact password (the first two digits, if omitted, will be entered as zero).
Press the  key to confirm deletion. To exit the menu, press <b>X</b> .	<div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 2px;">PARAMETER CHANGED</div> <p style="text-align: center;">or:</p> <div style="background-color: #e0e0e0; padding: 2px;">WRONG PASSWORD</div>	<p>If entry is successful.</p> <p>If the password is not recognised.</p>
Exit configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> )		


### 2.2.3. Delete all

PROCEDURE	DISPLAY INFO	DESCRIPTION
Access configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> ) Select the menu ACCESS CONTROL / PASSWORD / <b>DELETE ALL</b> using the key  .	ACCESS CONTROL PASSWORD  PASSWORD DELETE ALL	<b>The menus are scrolled through automatically every 2 seconds.</b>
	DELETE ALL PASSWORD?	Press the <b>X</b> key to cancel the procedure.
Press the  key to confirm deletion.	PLEASE WAIT  PARAMETER CHANGED	
Exit configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> )		

## 3. Info

This procedure can be used to view:


- the firmware version
- the number of users stored **[NO VIP]**
- the number of passwords stored **[NO VIP]**
- the RS485 address **[NO VIP]**
- the call mode

PROCEDURE	DISPLAY INFO	DESCRIPTION
Access configuration (see <a href="#">“Accessing/ exiting the configuration stage”</a> ) Select the menu INFO using the  .	MAIN INFO  Art. 3070B 1.1	<b>The menus are scrolled through automatically every 2 seconds.</b>
Press the <b>X</b> key to exit the menu.		
Exit configuration (see <a href="#">“Accessing/exiting the configuration stage”</a> )		

## Data management using 1249B [NO VIP]


### Entering a list (download)

Software Art.1249B can be used to enter the list with Indirect Code and Code fields for INDIRECT CODE operating mode on module 3070S. 3070S must be set to indirect code call mode (vedi [“1.1.3. Call mode”](#)).

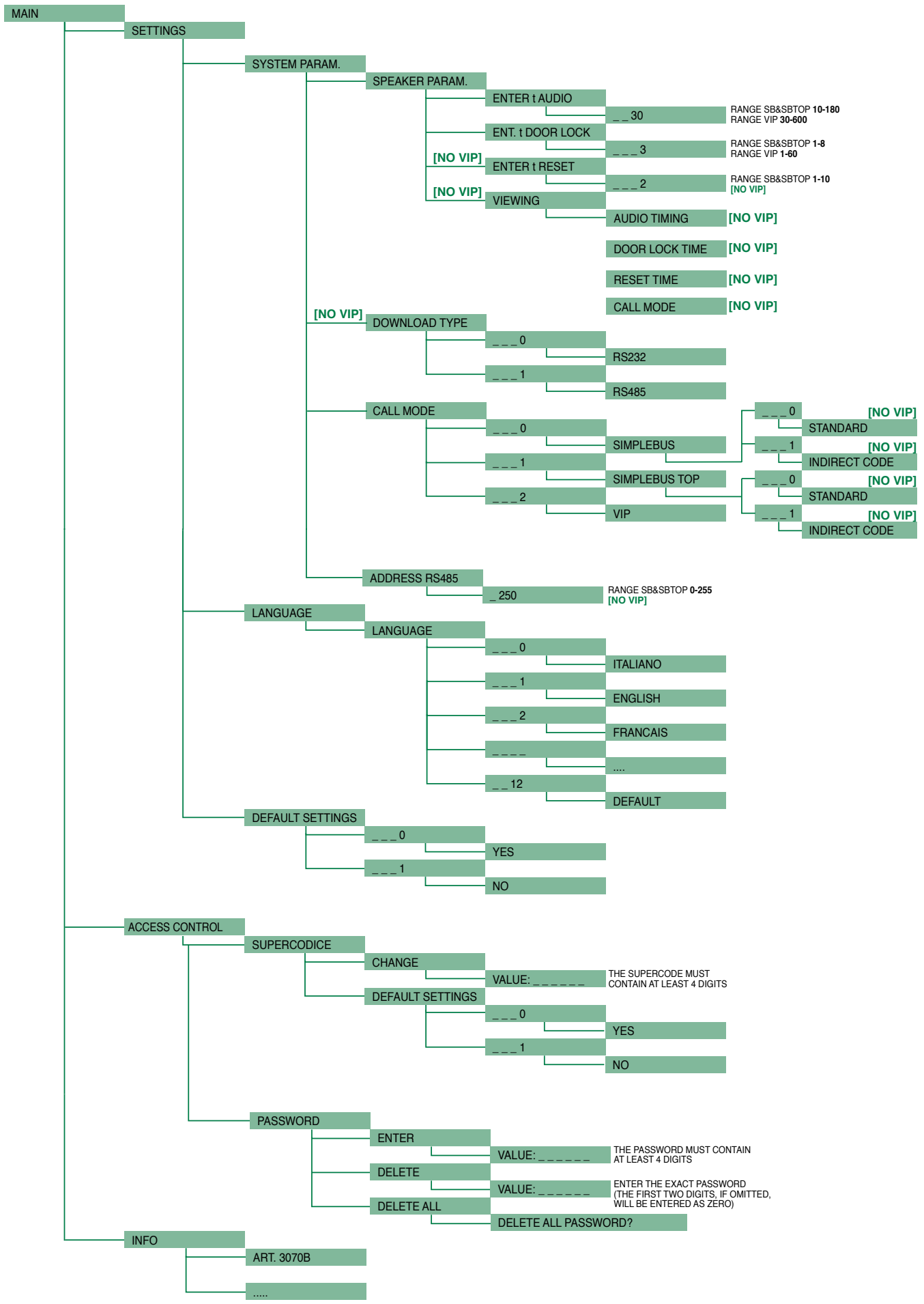
INITIAL CONDITION		
Module powered up in standby mode.	ENTER USER CODE	
PROCEDURE	DISPLAY INFO	DESCRIPTION
Connect the cable supplied with software Art. 1249B to terminals TX / RX / - (or D / D- if you have an RS485 line).	ENTER USER CODE	
Run software Art. 1249B.	ENTER USER CODE	<b>On software 1249B with R.I. 003, the CALL MODE must be set as Indirect Code without a name entry.</b>
Make the list with the Code and Indirect Code entries in software Art. 1249B, or load an existing list.	ENTER USER CODE	
Press the Download button in software Art. 1249B.		
	DOWNLOADING... COMPLETED  Or  DOWNLOADING... ABORTED	If the download was completed successfully.      If an error occurred during the download.

### Reading (upload) of the stored list

Software Art.1249B can be used to read, inside module 3070S, the list with Indirect Code and Code fields for INDIRECT CODE operating mode. 3070S must be set to indirect code call mode (see [“1.1.3. Call mode”](#)).

INITIAL CONDITION		
Module powered up in standby mode.	ENTER USER CODE	
PROCEDURE	DISPLAY INFO	DESCRIPTION
Connect the cable supplied with software Art. 1249B to terminals TX / RX / - (or D / D- if you have an RS485 line).	ENTER USER CODE	
Run software Art. 1249B.	ENTER USER CODE	
Press the Upload button in software Art. 1249B.		
	UPLOAD COMPLETED  Or  UPLOAD ABORTED	If the upload was completed successfully.      If an error occurred during the upload.

# Navigation tree



## System performance and layouts

For further information of system performance and to view installation layouts, click on the system type that best meets your requirements:

- [Building Kit audio/video system](#) for the creation of audio-video systems for *small apartment blocks*.
- [SBTOP audio/video system](#) for the creation of audio-video systems for *residential complexes*.
- [SB2 audio system](#) for the creation of audio systems for *residential complexes*.
- [SB1 audio system for the creation of audio systems for residential complexes](#).

CERTIFIED MANAGEMENT SYSTEMS



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