



Certificato n. 9110.ESTI

**Alarm system for elevators  
compliant with the European Standard  
EN 81-28:2018**

# **HELPY COMPACT-Q**

## **WITH EMERGENCY LEDS**

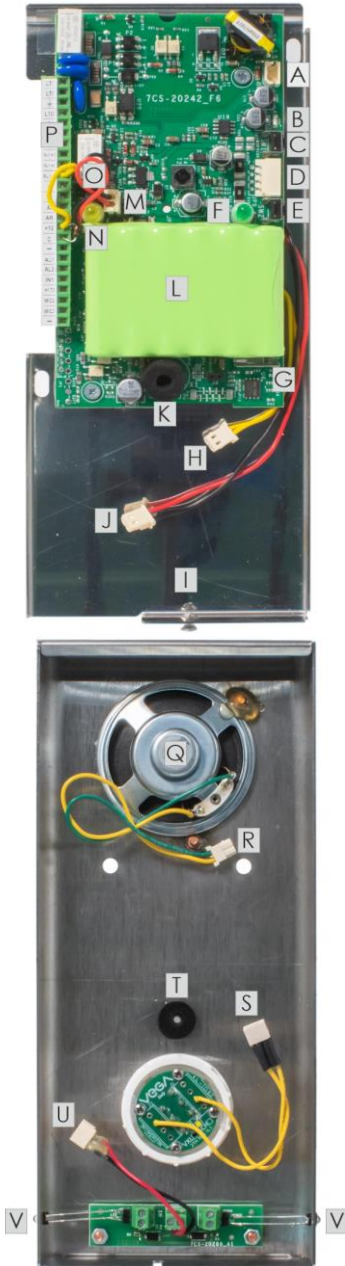
### **QUICK GUIDE**

To download User guides in other languages  
please scan the QR-code or visit  
<https://www.esse-ti.it/en/manuals>



26/07/2023

# DESCRIPTION



- A Built-in loudspeaker connector
- B Device status LED
- C Reset pushbutton
- D Serial port for PC connection
- E Alarm pushbutton
- F Received alarm indicator light
- G Micro SD Card slot
- H Pushbutton connection cable (connect to S)
- I Screw for cover fixing
- J Emergency LEDs connection cable (connect to U)
- K Built-in microphone
- L Built-in battery
- M Built-in battery connector
- N Given alarm indicator light
- O Jumpers J16 / J17
- P Terminal blocks
- Q Built-in loudspeaker
- R Built-in loudspeaker connection cable (connect to A)
- S Pushbutton connection cable (connect to H)
- T Microphone hole
- U Emergency LEDs connection cable (connect to J)
- V Emergency LEDs

NOTE: the presence of the button is depending on the model of Helpy Compact-Q purchased

# TERMINAL BLOCKS

<b>LTI</b>	PSTN-line or universal gateway input
<b>LTI</b>	PSTN-line or universal gateway input
<b>⊕</b>	Ground terminal for PSTN-line
<b>LTO</b>	Output for domestic telephone line
<b>LTO</b>	Output for domestic telephone line
<b>TEL</b>	Local telephone
<b>-</b>	Negative
<b>RL1 NO</b>	Not available terminal
<b>RL1 NC</b>	Not available terminal
<b>RL1 C</b>	Not available terminal
<b>+</b>	Power supply input (10 Vdc - 30 Vdc)
<b>-</b>	Negative
<b>AI</b>	Given alarm indicator light (12 Vdc or 0 Vdc via jumper J16)
<b>AR</b>	Received alarm indicator light (12 Vdc or 0 Vdc via jumper J17)
<b>+12</b>	12 Vdc output (max. 100 mA)
<b>C</b>	Common terminal for inputs AL1 and IN1
<b>-</b>	Negative
<b>AL1</b>	Alarm input <sup>(1)</sup> 1
<b>AL2</b>	Reset input <sup>(2)</sup> 2 (freely programmable)
<b>IN1</b>	Filter input <sup>(2)</sup> (freely programmable)
<b>ALT2</b>	Output for connecting loudspeaker of passive speaker unit (top or bottom of elevator car)
<b>MIC2</b>	Input for connecting microphone of passive speaker unit or single microphone (top or bottom of elevator car)
<b>MIC3</b>	Input for connecting microphone of passive speaker unit or single microphone (top or bottom of elevator car)
<b>-</b>	Negative

<sup>(1)</sup> : when the built-in pushbutton is present, it allows to connect voltage free contact pushbuttons NO; when the built-in pushbutton is NOT present, it allows to connect voltage free contact pushbuttons (NO or NC) or powered pushbuttons

<sup>(2)</sup> : allows to connect voltage free contacts (NO or NC)

# CONNECTING THE SPEAKER UNITS

Helpy Compact-Q comes with a built-in speaker unit.

It is also possible to connect to the Helpy Compact-Q up to 2 passive speaker units or cables with microphone on top and bottom of elevator car.

➤ Make the connections as shown in the table below:

	TERMINAL BLOCKS	HELPHY COMPACT-Q TERMINAL BLOCKS	MAX. DISTANCE
<b>PASSIVE SPEAKER UNIT</b>	A	ALT2	6 m (with shielded cable)
	B	MIC2 or MIC3	
	–	–	
<b>CABLE WITH MICROPHONE</b>			
	red wire	MIC2 or MIC3	cable length (3 m)
	white wire	–	

# CONNECTING THE EMERGENCY CALL BUTTONS

## ***IF THE BUILT-IN PUSHBUTTON IS PRESENT***

*Note: the built-in pushbutton is normally open and cannot be modified.*

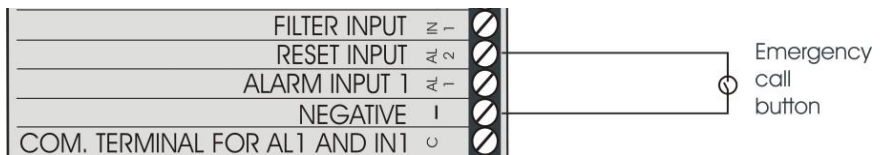
The pushbuttons of pit, top and bottom of elevator car can only be connected to AL1 terminal block if they are voltage-free NO.

The pushbuttons of pit, top and bottom of elevator car can only be connected to AL2 terminal block if they are voltage-free.

*Note: the reset input (AL2) must be configured as alarm input with the “Inputs setting” programming (codes 390 or 55).*

*Note: the AL2 input can be configured as NO or NC with the “Inputs normally open/closed” programming (code 41).*

- Connect, following the diagram shown below, the external pushbuttons.



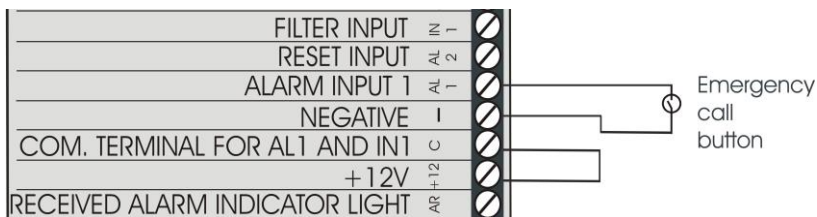
## ***IF THE BUILT-IN PUSHBUTTON IS NOT PRESENT***

- Connect, following one of the diagrams shown below, the pushbuttons.

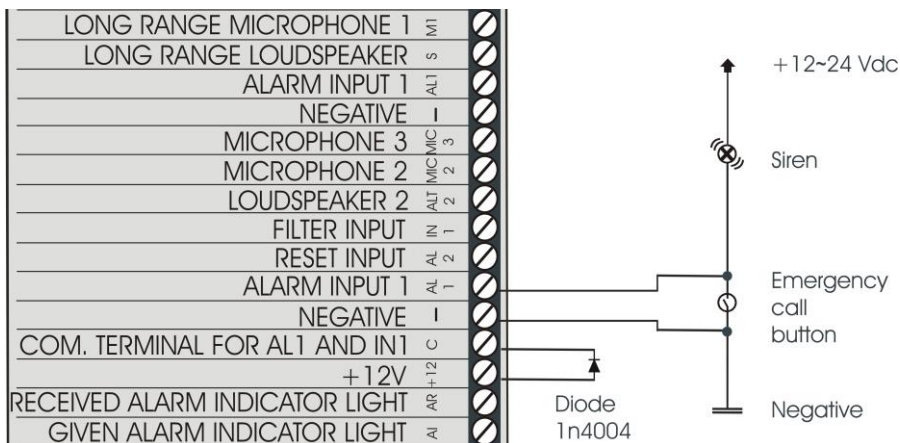
### **Car pushbutton**

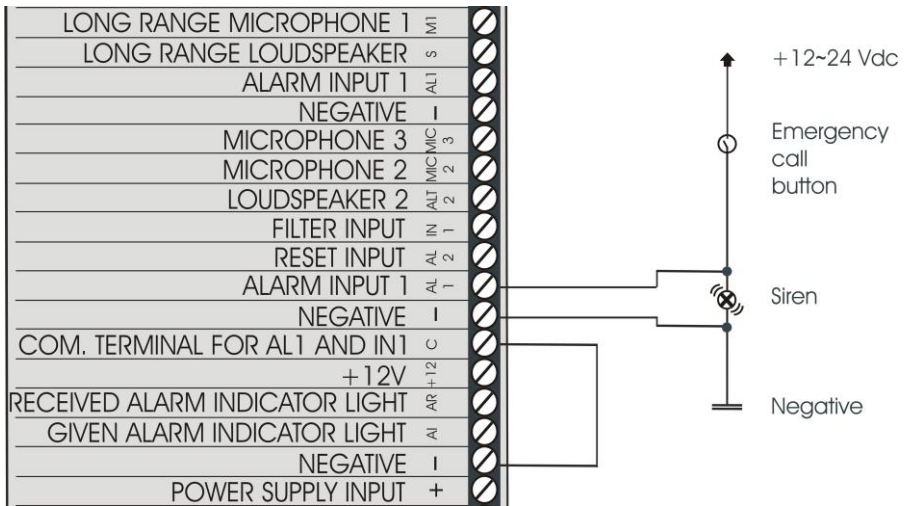
It is possible to connect (inside the elevator car) voltage free contact pushbuttons or powered pushbuttons.

#### *Voltage free contact pushbuttons*



#### *Powered pushbuttons (12-24 Vdc) – 2 solutions*



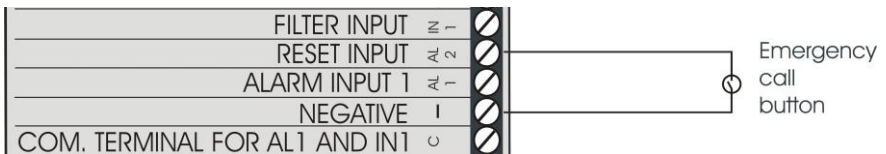


## Other pushbuttons

The pushbuttons of pit, top and bottom of elevator car can only be connected to an AL1 terminal block if they are of the same type as the car pushbutton (voltage free or powered, normally open or normally closed).

The pushbuttons of pit, top and bottom of elevator car can only be connected to AL2 terminal block if they are voltage-free.

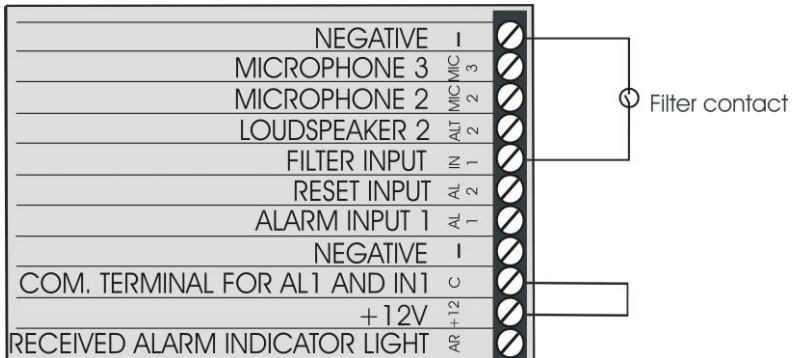
*Note: the reset input (AL2) must be configured as alarm input with the "Inputs setting" programming (codes 390 or 55).*



# CONNECTING THE FILTER INPUT

It is possible to use a voltage free contact (NO or NC).

- Connect, following the diagram shown below, the filter contact.



*Note: the IN1 input can be configured as NO or NC with the “Inputs normally open/closed” programming (code 41).*



# CONNECTING THE INDICATOR LIGHTS

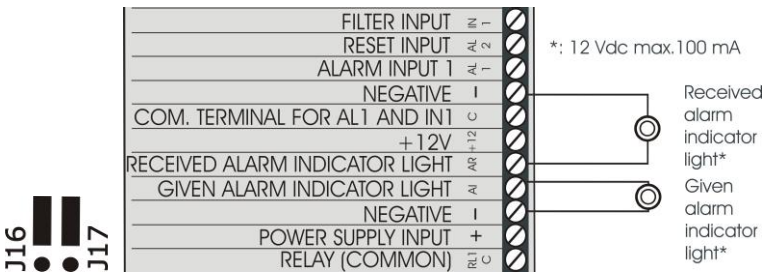
Helpy Compact-Q comes with built-in indicator lights.

The GIVEN ALARM INDICATOR LIGHT (yellow) switches on after pressing the emergency button to indicate the beginning of the alarm procedure. The RECEIVED ALARM INDICATOR LIGHT (green) switches on when the alarm call is answered.

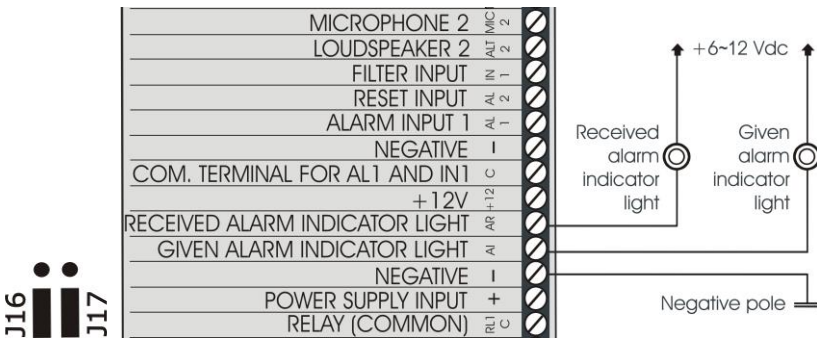
It is also possible to connect external indicator lights.

- Connect, following one of the diagrams shown below, the external indicator lights to the Helpy Compact-Q.

## Output 12 Vdc (factory setting)



## Output 0 Vdc



# OTHER CONNECTIONS

---

## **CONNECTING THE TELEPHONE LINE**

---

*PSTN line or universal gateway (2G/3G/4G)*

- Connect the ground terminal (indicated by ⊕), to a ground socket in order to increase the PSTN line protection.
- Connect the telephone line to LTI terminals.

---

## **CONNECTING THE LOCAL TELEPHONE**

---

- Connect the local telephone (for programming and managing the device) to TEL and – terminals (irrespective of the polarity).

---

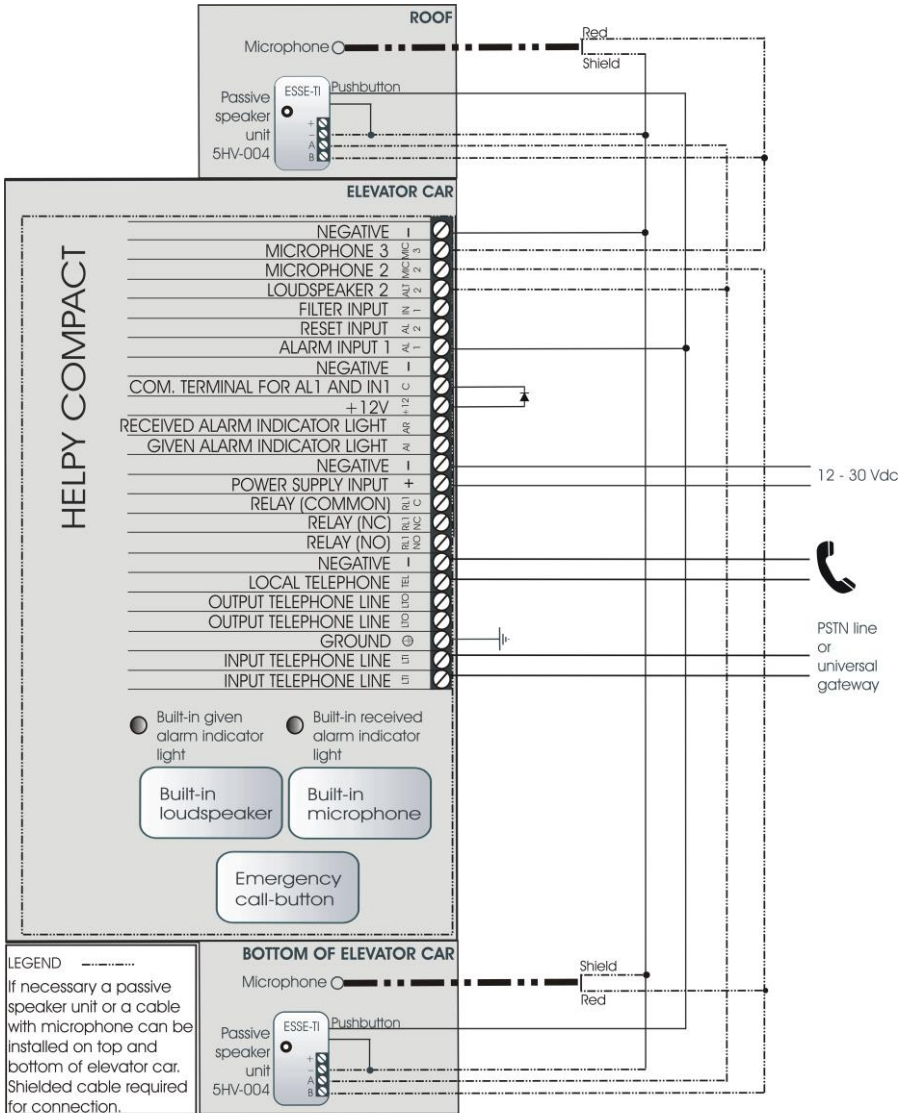
## **CONNECTING THE RESET CONTACT**

---

It is possible to use a voltage free contact (NO or NC).

- Connect the reset contact to AL2 and – terminals.

# WIRING DIAGRAMS



# TURNING ON / TURNING OFF

---

## ***TURNING ON***

---

- Connect the external (10 Vdc - 30 Vdc) power supply to + and – terminals.

Helpy Compact-Q lights up and the device status LED starts flashing.

---

## ***TURNING OFF***

---

- Disconnect the external (10 Vdc - 30 Vdc) power supply from + and – terminals.
- Keep the reset pushbutton pressed.
- When all the LEDs light up, also keep the built-in alarm pushbutton pressed.

All LEDs turn off.

# MINIMUM OPERATIONS TO VERIFY PROPER INSTALLATION

## 1. PROGRAMMING

- Access to programming: lift the local telephone handset and dial **\*0#**.

The programming activated message will be heard.

- Program a telephone number for the emergency-call alarm: dial **210112** <telephone number> **#**.
- Record the identification message of the specific elevator, which is meant to contain all necessary information concerning the elevator location: dial **7101** and, after the "Correct" message, pronounce the message and hang up.
- To listen again to the previous message: lift the handset and dial **7201**.
- Make an external call to check the PSTN line or the universal gateway is properly working: dial **0** and digit the telephone number to make a test call.

## 2. TESTING THE ALARM PROCEDURE

- Press the emergency call button for more than 3 seconds (factory value).

The alarm starts.

## 3. ANSWERING THE ALARM

*Note: the activation mode of the communication with the trapped person can be configured with the "Two-way communication mode during an alarm" programming (code 78).*

*-1<sup>st</sup> mode: automatic two-way communication established after messages (factory default)*

- Answer by the called party.

The two-way communication mode will be activated after the voice messages.

- Speak with the trapped person.

-2<sup>nd</sup> mode: two-way communication established after input of “Communication activation” code

- Answer by the called party.

The voice messages will be heard.

- Press **0** to speak with the trapped person.

-3<sup>rd</sup> mode: immediate and automatic two-way communication (no messages)

- Answer by the called party.
- Speak with the trapped person.

#### 4. RESETTING THE ALARM

*Note: the alarm reset mode can be configured with the “Alarm reset mode” programming (code 77).*

-1<sup>st</sup> mode: reset by “End” code (factory default)

- Press **9** to end the alarm.

-2<sup>nd</sup> mode: automatic reset

- Hang up (or press **9**) to end the alarm.

-3<sup>rd</sup> mode: automatic reset with local acknowledgement

- Hang up to end the call.
- Press the reset pushbutton or close the reset input to end the alarm.  
An end-of-alarm call will be generated.
- Answer by the called party.
- Press **9**.

Without local acknowledgement the alarm is automatically ended after 6 hours.

*Note: the reset input can be configured with the “Inputs setting” programming (codes 390 or 55).*

*Note: in case it should not be possible to stop the alarm procedure remotely (i.e. the entered telephone number is incorrect) simply lift the handset of the local telephone and dial \* <Password> # (by factory default: **\*0#**) or press the reset pushbutton.*

---

## **USING THE RESET BUTTON**

---

*Note: the reset operation does not alter the previously set parameters.*

Use of the reset pushbutton (C in the picture at page 2):

- Pressing shortly  
Allows to interrupt an alarm call.  
By pressing shortly you get the same result as lifting the handset of the local telephone and entering \* <Password> #.
- Pressing longer (10 seconds)  
Allows to reset the device.  
By pressing longer, the Helpy Compact-Q will be re-started with no need to disconnect the power supply.

*Note: it is also possible to reset the device through the code 995\*0#.*

# PROGRAMMING

In the tables below:

- **INST** indicates that the programming is allowed for the installer
- **OPER** indicates that the programming is allowed by the maintenance technician
- factory default values are highlighted in bold

## Basic programming

BASIC PROGRAMMING					
<b>ACCESS TO PROGRAMMING</b>	<input checked="" type="checkbox"/> < INSTALLER or OPERATOR PASSWORD > <input checked="" type="checkbox"/> (factory default: <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> )				
<b>EXITING THE PROGRAMMING</b>	<input checked="" type="checkbox"/> < INSTALLER or OPERATOR PASSWORD > <input checked="" type="checkbox"/> (factory default: <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> )				
<b>TELEPHONE NUMBERS (INST)</b>  * the programming of the telephone number automatically activates the alarm/call	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (position from 01 to 24)	SOURCE	RECEIVER	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (X..X = telephone number, max. 20 digits; * = 2 sec-pause)
			<input type="checkbox"/> emergency-call button	-	
			<input type="checkbox"/> battery alarms *	<input type="checkbox"/> USER	
			<input type="checkbox"/> periodic automatic test call *	<input type="checkbox"/> ESSE-TI	
			-	<input type="checkbox"/> CLI	
			-	<input type="checkbox"/> SMS (only with 4G.VoLTE)	
			<input type="checkbox"/> built-in speaker unit diagnostic alarm *	<input type="checkbox"/> P100	
			<input type="checkbox"/> no external power supply alarm	-	
			<input type="checkbox"/> auxiliary alarm	-	
<input type="checkbox"/> end of alarm	-				



BASIC PROGRAMMING			
<b>DELETE A TELEPHONE NUMBER (INST)</b>	<input type="text" value="2"/> <input type="text" value="1"/>	<input type="text" value="X"/> <input type="text" value="X"/> (position from 01 to 24)	<input type="text" value="⊕"/>
<b>DATE * (INST)</b>	<input type="text" value="3"/> <input type="text" value="6"/>	<input type="text" value="WEEKDAY"/> <hr/> <input type="text" value="0"/> SUNDAY <hr/> <input type="text" value="1"/> MONDAY <hr/> <input type="text" value="2"/> TUESDAY <hr/> <input type="text" value="3"/> WEDNESDAY <hr/> <input type="text" value="4"/> THURSDAY <hr/> <input type="text" value="5"/> FRIDAY <hr/> <input type="text" value="6"/> SATURDAY	<input type="text" value="X"/> <input type="text" value="X"/> <input type="text" value="X"/> <input type="text" value="X"/> <input type="text" value="X"/> <input type="text" value="X"/> (dd) (mm) (yy)
* to be reprogrammed in case of turn off			
<b>TIME * (INST)</b>	<input type="text" value="3"/> <input type="text" value="5"/>	<input type="text" value="X"/> <input type="text" value="X"/> <input type="text" value="X"/> <input type="text" value="X"/> (hhmm from 0000 to 2359)	
<b>RECORD MESSAGES (INST)</b>	<input type="text" value="7"/> <input type="text" value="1"/>	<input type="text" value="0"/> <input type="text" value="1"/> identification message (max. 25s ) <hr/> <input type="text" value="0"/> <input type="text" value="2"/> courtesy message (max. 25 s)	(record) (hang up)
<b>LISTEN TO MESSAGES (INST/OPER)</b>	<input type="text" value="7"/> <input type="text" value="2"/>	<input type="text" value="0"/> <input type="text" value="1"/> identification message <hr/> <input type="text" value="0"/> <input type="text" value="2"/> courtesy message	(listen)
<b>TYPE OF POWER SUPPLY (INST)</b>	<input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="9"/>	<input type="text" value="0"/> generic power supply and built-in battery not present <hr/> <input type="text" value="1"/> generic power supply and built-in battery present <hr/> <input type="text" value="2"/> <b>ST-Power supply and built-in battery present</b>	
<b>LOW BATTERY ALARM (INST)</b>	<input type="text" value="5"/> <input type="text" value="2"/>	<input type="text" value="0"/> <b>disabled alarm</b> <hr/> <input type="text" value="1"/> enabled alarm	

BASIC PROGRAMMING			
<b>BATTERY ALARM THRESHOLD (INST)</b>	<input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="8"/>	<input checked="" type="checkbox"/> ... <input checked="" type="checkbox"/> (mV, from 1 to 5 digits; factory default <b>7650</b> if built-in battery present; factory default <b>11500</b> if built-in battery not present, measurement on + and - terminals)	<input type="text" value="#"/>
<b>REPLACE BATTERY ALARM (INST)</b>	<input type="text" value="5"/> <input type="text" value="6"/>	<input type="text" value="0"/> disabled alarm ----- <input type="text" value="1"/> enabled alarm	
<b>RECOGNITION OF FALTCOM GATEWAY LOW BATTERY TONE (INST)</b>	<input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="5"/> <input type="text" value="2"/>	<input type="text" value="0"/> disabled ----- <input type="text" value="1"/> enabled	
	Set the telephone number for notification: <b>201 XX 11 Y &lt;telephone number&gt; #</b> where XX= position (from 01 to 24) Y= notification mode (2= user, 3= Esse-ti, 4= CLI, 5= SMS only with 4G.VoLTE, 6= P100)		
<b>AUTOMATIC TEST DATA (INST)</b>	Type of frequency	<input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="1"/>	<input type="text" value="0"/> daily ----- <input type="text" value="1"/> hourly
	Frequency	<input type="text" value="3"/> <input type="text" value="1"/>	<input checked="" type="checkbox"/> (days, from 1 to 9; factory default <b>1</b> ) ----- <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (hours, from 1 to 9; factory default <b>24</b> )
	Time	<input type="text" value="3"/> <input type="text" value="2"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (hhmm from 0000 to 2359 factory default <b>0400</b> )
	Automatic test alarm	<input type="text" value="3"/> <input type="text" value="4"/>	<input type="text" value="0"/> automatic test disabled ----- <input type="text" value="1"/> automatic test enabled (EN 81-28:2018) ----- <input type="text" value="3"/> automatic test enabled (EN 81-28:2004)
	Make a test call manually		<input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="2"/>
<b>PROTOCOLS IDENTIFICATION CODE (INST)</b>	<input type="text" value="2"/> <input type="text" value="2"/>	<input type="text" value="2"/> Esse-ti ----- <input type="text" value="3"/> P100	<input checked="" type="checkbox"/> ... <input checked="" type="checkbox"/> (identification code) <input type="text" value="#"/>

BASIC PROGRAMMING				
<b>SPEAKER UNITS VOLUME (INST/OPER)</b>	<input type="text" value="8"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="1"/>	<input checked="" type="checkbox"/> loudspeaker (from 1 to 9; factory default <b>3</b> )	<input checked="" type="checkbox"/> microphone (from 1 to 9; factory default <b>5</b> )	<input type="text" value="#"/>
<b>MESSAGES VOLUME (INST/OPER)</b>	<input type="text" value="8"/> <input type="text" value="1"/>	<input checked="" type="checkbox"/> (from 1 to 4; factory default <b>2</b> ; 4=loudspeaker volume, 3=¾ of loudspeaker volume, 2=½ of loudspeaker volume, 1=¼ of loudspeaker volume)		
<b>LISTEN TO THE PROGRAMMING AGAIN (INST)</b>	<input checked="" type="checkbox"/> ... <input checked="" type="checkbox"/> (programming code prefix) <input checked="" type="checkbox"/>			
<b>RESTORE FACTORY SETTINGS (INST)</b>	<input type="text" value="9"/> <input type="text" value="9"/> <input type="text" value="X"/> <input type="text" value="0"/> <input type="text" value="#"/>			

# Advanced programming

ADVANCED PROGRAMMING				
CHANGE THE INSTALLER PASSWORD "0" (INST)	9 1	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (old)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (new) (new)	
CHANGE THE OPERATOR PASSWORD "1" (INST)	9 2	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (old)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (new) (new)	
INPUTS NORMALLY OPEN/CLOSED (INST)	4 1	<input checked="" type="checkbox"/> input (1=AL1* 2=AL2 3=IN1)	<input checked="" type="checkbox"/> type (0=normally closed <b>1=normally open</b> )	<input type="checkbox"/>
		* when the built-in pushbutton is present, AL1 can only be normally open		
INPUTS PRESET * (INST)	5 5	<input type="checkbox"/> AL2=alarm input / IN1=filter input		
		<input type="checkbox"/> AL2=auxiliary input / IN1=filter input		
		<input type="checkbox"/> AL2=alarm input / IN1=gong input		
		<input type="checkbox"/> AL2=auxiliary input / IN1=gong input		
		<input type="checkbox"/> <b>AL2=reset input / IN1=filter input</b>		
		<input type="checkbox"/> AL2=reset input / IN1=gong input		
		<input type="checkbox"/> AL2=reset input / IN1=alarm input		
		<input type="checkbox"/> AL2=reset input / IN1=auxiliary input		
		<input type="checkbox"/> AL2=alarm input / IN1=alarm input		
in listening mode the value 9 indicates inputs set with the code 390				

\* for the complete configuration of the inputs, please refer to the Expert Programming Guide

## ADVANCED PROGRAMMING

<p><b>EXAMPLE OF INPUT CONFIGURATION (INST)</b></p>	<p>Configuration:  AL2= technician on site input  IN1= out of service input</p> <p>Codes to enter to:</p> <ul style="list-style-type: none"> <li>- configure AL2 input as bistable input: <b>390207</b></li> <li>- configure IN1 input as bistable input: <b>390307</b></li> <li>- set the telephone number for technician on site notification:  <b>201 13 15 X &lt;telephone number&gt; #</b></li> <li>- set the telephone number for the technician's departure notification:  <b>201 14 16 X &lt;telephone number&gt; #</b></li> <li>- set the telephone number for out of service notification:  <b>201 15 17 X &lt;telephone number&gt; #</b></li> <li>- set the telephone number for lift in service notification:  <b>201 16 18 X &lt;telephone number&gt; #</b></li> </ul> <p>where X= receiver (notification mode):  2= user  3= Esse-ti  4= CLI  6= P100</p> <ul style="list-style-type: none"> <li>- if receiver 3, set the Esse-ti protocol ID:  <b>222 YYYYYYYYYY</b></li> <li>- if receiver 6, set the P100 protocol ID:  <b>223 ZZZZZZZZZZ</b></li> <li>- if receiver 6, customize the P100 protocol codes using the e-stant software (programming code 203)</li> </ul> <p>Note: AL2 and IN1 are automatically configured as normally closed; if the connected contacts are normally open:</p> <ul style="list-style-type: none"> <li>- configure AL2 input as normally open: <b>4121#</b></li> <li>- configure IN1 input as normally open: <b>4131#</b></li> </ul>		
<p><b>EMERGENCY CALL BUTTONS DELAY (INST)</b></p>	<input type="text" value="4"/> <input type="text" value="2"/>	<input checked="" type="checkbox"/> (seconds, from 2 to 9; factory default <b>3</b> )	
<p><b>PUSHBUTTON CONNECTION FAILURE NOTIFICATION (INST)</b></p>	<input type="text" value="2"/> <input type="text" value="4"/> <input type="text" value="1"/>	<input checked="" type="checkbox"/> type (0=notification <b>1=emergency-call</b> )	<input checked="" type="checkbox"/> frequency <b>(1=10 minutes</b> 2=1 hour 3=1 day)
<p><b>INSUFFICIENT BUTTON PRESSURE MESSAGE SETTING (INST)</b></p>	<input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="4"/> <input type="text" value="1"/>	<input type="text" value="0"/> <b>disabled message</b> <hr style="border-top: 1px dashed black;"/> <input type="text" value="1"/> <b>enabled message</b>	

ADVANCED PROGRAMMING			
BEEP ENABLING WHEN PUSHBUTTON IS PRESSED (INST)	272	<input type="checkbox"/> beep disabled	
		<input type="checkbox"/> beep enabled	
NO EXTERNAL POWER SUPPLY ALARM (INST)	51	<input type="checkbox"/> disabled alarm	
		<input checked="" type="checkbox"/> enabled alarm with XX minutes delay (from 01 to 99)	
THRESHOLD OF THE NO EXTERNAL POWER SUPPLY ALARM (INST)	90037	<input checked="" type="checkbox"/> .. <input checked="" type="checkbox"/> (mV on the + and - terminals, from 1 to 5 digits; factory default <b>13200</b> if ST-Power supply is present; factory default <b>9000</b> if ST-Power supply is not present)	<input type="checkbox"/>
BUILT-IN SPEAKER UNIT DIAGNOSTIC ALARM (INST)	54	<input type="checkbox"/> disabled alarm	
		<input type="checkbox"/> enabled alarm	
FILTER ACTIVATION (INST/OPER)	53	<input type="checkbox"/> disabled	
		<input type="checkbox"/> enabled	
FILTER BYPASS (INST/OPER)	49	<input checked="" type="checkbox"/> (seconds, from 15 to <b>30</b> ; 99=no bypass)	
ALARM OPERATION WITHOUT TELEPHONE LINE (INST)	25	<input type="checkbox"/> AI indicator light lit and courtesy message	
		<input type="checkbox"/> AI indicator light unlit and no courtesy message	
		<input type="checkbox"/> AI indicator light lit and no courtesy message	
REPEATS OF COURTESY MESSAGE DURING AN ALARM (INST)	270	<input checked="" type="checkbox"/> (seconds between two courtesy messages, from 02 to 59; 00=no courtesy message; <b>01=one courtesy message for each call</b> )	
CALL DELAY AFTER COURTESY MESSAGE (INST)	9002	<input checked="" type="checkbox"/> (seconds of waiting after the courtesy message before sending the call, from 0 to 9; factory default <b>3</b> )	

ADVANCED PROGRAMMING			
PLAYBACK OF "COMMUNICATION ACTIVATED" MESSAGE WHEN THE SPEAKER UNIT IS ACTIVATED (INST)	271	0 never	
		1 only in case of remote connection	
		2 always	
TWO-WAY COMMUNICATION MODE DURING AN ALARM (INST)	78	0 two-way communication established after input of "Communication activation" code	
		1 automatic two-way communication established after messages	
		2 immediate and automatic two-way communication (no messages)	
ALARM RESET MODE (INST)	77	0 automatic reset	
		1 alarm reset by "End alarm" code	
		2 automatic reset with local acknowledgement	
"PLAY IDENTIFICATION MESSAGE" CODE (INST)	47	X..X (from 1 to 3 digits; factory default 5)	[#]
"COMMUNICATION ACTIVATION" CODE (INST)	45	X..X (from 1 to 3 digits; factory default 0)	[#]
"END ALARM" CODE (INST)	43	X..X (from 1 to 3 digits; factory default 9)	[#]
"EXCLUSION" CODE (INST)	44	X..X (from 1 to 3 digits; factory default 1)	[#]
RESTORE FACTORY MESSAGES (INST)	74	01 identification message	
		02 courtesy message	
LANGUAGE (INST) (available languages may vary depending on model or country of installation)	79	XX (language: 00 Italian, 01 English, 02 German, 03 French, 04 Polish, 05 Portuguese, 06 Russian, 07 Spanish, 09 Czech, 10 Croatian, 11 Greek, 13 Slovenian, 19 Chinese, 21 Flemish, 23 Swedish, 26 Slovak)	

ADVANCED PROGRAMMING				
<b>MULTI-LANGUAGE COURTESY MESSAGE (INST)</b>	<input type="text" value="8"/> <input type="text" value="9"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (second language)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (third language)	<input type="text" value="⏏"/>
<b>tone decoder (INST)</b> (default value may vary depending on model or country of installation)	<input type="text" value="6"/> <input type="text" value="8"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (country: 00 IT/SM/AL/BA/GM/MK/MT/NO, 01 GB/AE, 02 DE/LB/LU, 03 FR/GP/GF, 04 PL, 05 PT, 06 RU/BY, 07 ES/AD/CY, 08 BG/BR/KY/DK/ID/IR/IS/KW/MO/MW/MX/PY/UY/VE/YE/ZM/FO/LR, 10 HR, 11 GR/EE/FI, 12 NL/AW/VU, 13 SI, 14 HU, 15 IL, 16 AT, 17 AU, 18 CH, 19 CN, 20 US/CA/JM/AI/AG/BB/BM/VG/DM/MS/KN/TT/TC 21 BE, 22 QA, 23 SE, 24 IN, 25 TR, 26 CZ/SK/LT/MD, 27 TN/SA, 28 DZ, 29 MA, 30 RS, 31 RO, 32 JO, 33 JP, 34 PE, 35 PA, 36 AR, 37 CO, 38 IE)		
<b>RECOGNITION OF CONTINUOUS TONE AS DISCONNECTION TONE (INST)</b>	<input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="8"/>	<input type="text" value="0"/> no <hr/> <input type="text" value="1"/> yes		
<b>DURATION OF TWO-WAY COMMUNICATION DURING AN ALARM (INST)</b>	<input type="text" value="4"/> <input type="text" value="6"/>	<input checked="" type="checkbox"/> (minutes, from <b>2</b> to 9)		
<b>NUMBER OF CALLS TO THE SAME NUMBER FOR EACH CYCLE (INST)</b>	<input type="text" value="6"/> <input type="text" value="0"/>	<input checked="" type="checkbox"/> (calls, from <b>1</b> to 9)		
<b>CALL CYCLES FOR EMERGENCY CALL ALARMS (INST)</b>	<input type="text" value="6"/> <input type="text" value="9"/>	<input checked="" type="checkbox"/> (cycles, from 1 to 9; <b>0</b> =unlimited)		
<b>CALL CYCLES FOR TECHNOLOGICAL ALARMS AND TEST CALLS (INST)</b>	<input type="text" value="6"/> <input type="text" value="2"/>	<input checked="" type="checkbox"/> (cycles, from 1 to 9; <b>0</b> =10 cycles; factory default <b>3</b> )		
<b>WAITING TIME BETWEEN EMERGENCY CALLS TO THE SAME NUMBER (INST)</b>	<input type="text" value="5"/> <input type="text" value="7"/>	<input checked="" type="checkbox"/> (from <b>0</b> to 9; <b>0</b> =30 seconds, <b>1</b> =60 seconds, <b>2</b> =90 seconds, ..., <b>9</b> =300 seconds)		



**ADVANCED PROGRAMMING**

<b>WAITING TIME BETWEEN TECHNOLOGICAL OR TEST CALLS TO THE SAME NUMBER (INST)</b>	<input type="text" value="5"/> <input type="text" value="8"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (minutes, from 01 to 99; 00=30 seconds, factory default <b>02</b> )
<b>DURATION OF CALL TO EACH NUMBER (INST)</b>	<input type="text" value="9"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="7"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> (seconds, from 15 to <b>60</b> )
<b>CLI CALL DURATION (INST)</b>	<input type="text" value="6"/> <input type="text" value="7"/>	<input checked="" type="checkbox"/> (seconds, from 00 to 99; factory default <b>10</b> )
<b>AUTOMATIC ANSWER (INST)</b>	<input type="text" value="6"/> <input type="text" value="4"/>	<input checked="" type="checkbox"/> (ring number, from 1 to 9; 0=disabled; factory default <b>2</b> )
<b>OPERATION MODE AFTER AUTOMATIC ANSWER (INST)</b>	<input type="text" value="7"/> <input type="text" value="6"/>	<input type="text" value="0"/> <b>programming mode</b> <hr/> <input type="text" value="1"/> direct connection with the car
<b>CONNECTION DURATION AFTER AUTOMATIC RESPONSE (INST)</b>	<input type="text" value="6"/> <input type="text" value="5"/>	<input checked="" type="checkbox"/> (minutes, from <b>1</b> to 9)
<b>DTMF GENERATOR (INST)</b>	<input type="text" value="8"/> <input type="text" value="3"/>	<input checked="" type="checkbox"/> (from 1 to 9; factory default <b>2</b> ; DTMF duration=X·50 ms)
<b>MULTI-LINK FUNCTION (INST)</b>	<input type="text" value="8"/> <input type="text" value="6"/>	<input checked="" type="checkbox"/> (from <b>0</b> to 9; 1=master, 0=function disabled)
<b>LISTEN TO THE BATTERY LEVEL (INST)</b>	<input type="text" value="3"/> <input type="text" value="8"/> <input checked="" type="checkbox"/> (expressed in mV)	
<b>LISTEN TO THE EXTERNAL POWER SUPPLY LEVEL (INST)</b>	<input type="text" value="3"/> <input type="text" value="7"/> <input checked="" type="checkbox"/> (expressed in mV)	

ADVANCED PROGRAMMING		
TEST OF ALARMS (INST)	9 0 0 9 9	0 1 emergency-call button
		0 2 battery alarm
		0 3 periodic automatic test call
		0 6 built-in speaker unit diagnostic alarm
		0 7 no external power supply alarm
		0 8 auxiliary alarm
		0 9 end of alarm

## Local programming via *e-stant* software

It is possible to program Helpy Compact-Q via computer by using the USB/serial proprietary cable and the dedicated *e-stant* software.

*e-stant* software also allows to:

- update the firmware of the Helpy Compact-Q
- customize the messages of the Helpy Compact-Q
- set a micro SD card to use for programming, customizing the messages and updating the firmware of the Helpy Compact-Q.

*e-stant* can be downloaded at the following link:

<https://www.esse-ti.it/en/download/software-request>

## Local programming via micro SD card

The micro SD card properly set allows to:

- program the Helpy Compact-Q
- update the firmware of the Helpy Compact-Q
- customize the messages of Helpy Compact-Q.

To use of the micro SD card see the relating instructions.


## Remote programming


It is possible to program the Helpy Compact-Q remotely:






- via telephone (DTMF)
- using EPT protocol-compliant software (DTMF)

# USE

## Local use

 : lift the local telephone handset

 : lift the local telephone handset and dial **\*0#** to access programming

LOCAL USE	
<b>CONVERSATION WITH ALL SPEAKER UNITS</b>	 CONVERSATION
<b>PROGRAMMING</b>	 <b>*...*</b>
<b>CONVERSATION WITH ALL SPEAKER UNITS</b>	 <b>11</b> CONVERSATION
	 <b>10</b> DEACTIVATE CONVERSATION
<b>EXTERNAL CALLS</b>	 <b>0</b> <TELEPHONE NUMBER>

## Use remotely with Helpy Compact-Q at rest

- Call Helpy Compact-Q and wait for a response.
  - Listen to the elevator identification message, if present.
  - Dial **11** to speak with all speaker units.
- or
- Dial **\*<password>#** (factory default: **\*0#**) to access programming.
  - All of the programming and functions below can now be performed:

USE REMOTELY WITH HELPY COMPACT-Q AT REST	
<b>PROGRAMMING</b>	<b>*...*</b>
<b>CONVERSATION WITH ALL SPEAKER UNITS</b>	<b>11</b> CONVERSATION
	<b>10</b> DEACTIVATE CONVERSATION

# SIGNALS

## Device status LED

---

*Normal operation (no alarm)*



*Alarm*



*Voice connection*



*Battery disconnected or low battery (max. 1-hour operation in idle state)*



*Absence of telephone line*



*Button failure*



## **Given alarm indicator light (yellow)**

---

*Alarm*



## **Received alarm indicator light (green)**

---

*Voice connection*



## **Missed test call notification (EN 81-28:2018)**

---

The Given alarm indicator light and the Received alarm indicator light flash in opposition to indicate the failure of the automatic test call.

The flashing sequence ends after the next successful test call or emergency call.

*Given alarm indicator light*



*Received alarm indicator light*



# NOTES

---

## ***EMERGENCY LEDS***

---

Emergency lights switch on in the event of a power failure.  
The connection of the built-in battery is required.

---

## ***REPLACING BATTERY***

---

<p><b>ATTENTION</b></p>
-------------------------

<p><b>Only use replacement batteries supplied by Esse-ti.</b></p>
---

---

## ***EU DECLARATION OF CONFORMITY***

---

Hereby, Esse-ti S.r.l. declares that the equipment type Helpy Compact-Q is in compliance with Directives 2014/33/EU - 2014/30/EU - 2001/95/EC.  
The full text of the EU declaration of conformity is available from the following Internet address:

<https://www.esse-ti.it/en/dichiarazioni-di-conformita>



**Esse-ti** S.r.l.

Via G. Capodaglio, 9

62019 Recanati (MC) – ITALY

Tel. +39 071 7506066

[www.esse-ti.it](http://www.esse-ti.it)

[support@esse-ti.it](mailto:support@esse-ti.it)