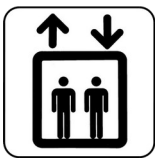
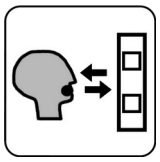
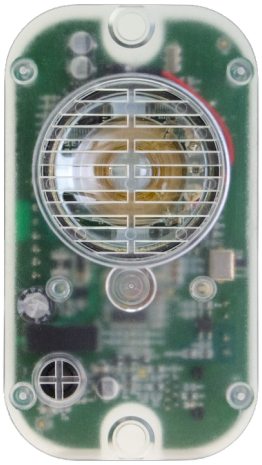
EA-MINI / EA-MINI-V-MR / MINI-MR-KSP







Design KSP
TELENOT

Tabel of contents

4927

1 Overview

General: Analogue alarm dialler (expendable with mobile interface)
Up to 8 units can share a single line (to reduce costs)

Conformity: 2014/30/EU, EN81-28:2018, EN81-70:2017, EN81-72:2015

Calling numbers: 1 .. 8: Alarm numbers
9: Routine call number (72h))

Additional features:
- Remote programming
- Dialling in (with/without) PIN-code
- Misuse protection (changing door state signal)
- Remote control (door opener = Doorphone)

Identification:
- PIN-code (e.g. facility number)
- Individual announcement (12s): Option Voice

Protocols:
- WinMOS®300
- P100

Supply voltage: 6 - 24 V DC / 5 W Standby / 1.5 W max.

Housing: ABS black / 112 x 56 x 21 mm (L x B x T)

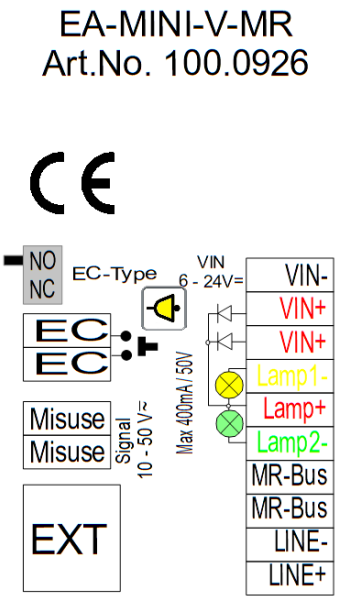
Article-No:

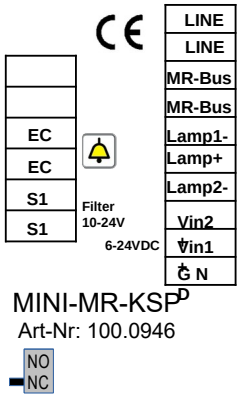
100.0920 / 100.0921WG	EA-MINI / EA-MINI-WG
additional: 12s individual announcement + MR-ready using interface 100.0955	
100.0926 / 100.0927WG	EA-MINI-V-MR / EA-MINI-V-MR-WG
100.0946	MINI-MR-KSP Design KSP

WG=water-resistant

KSP (TELENOT)

Type label:

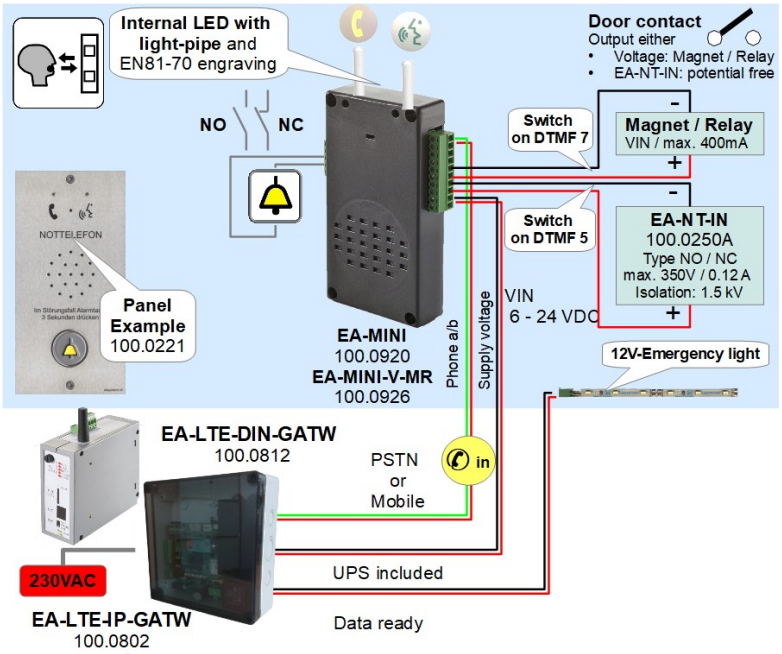




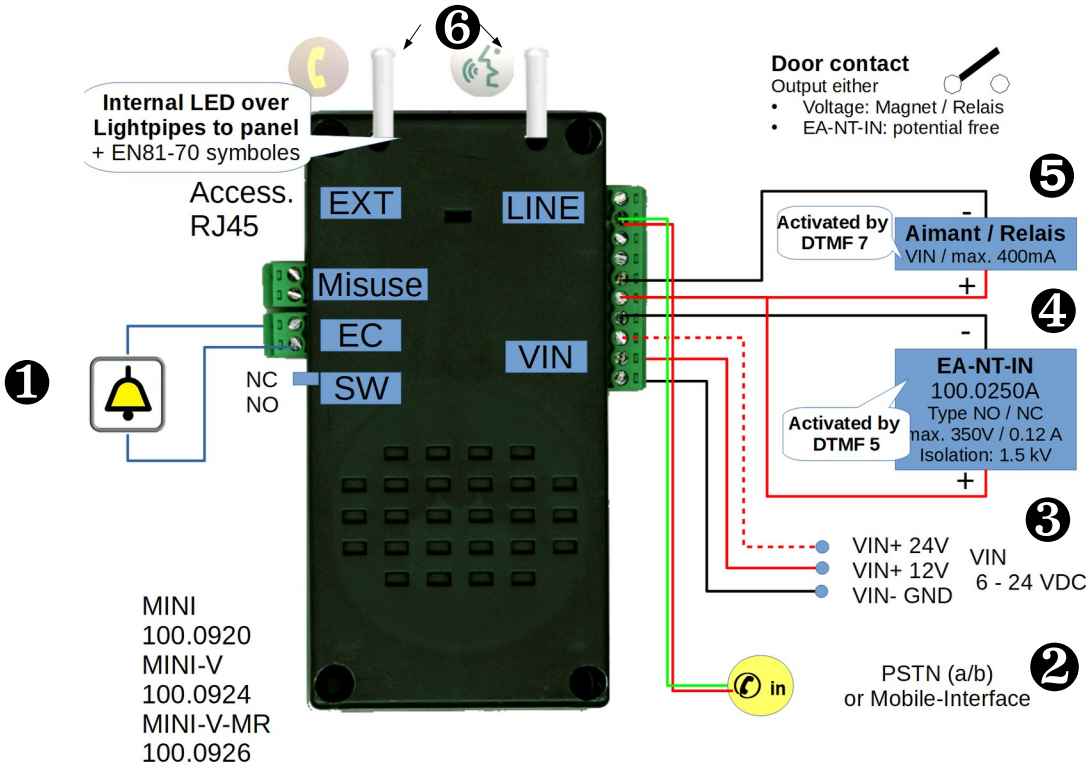
2 Applications

2.1 Door-phone

Telephone connection by pressing call button and door-opening function using DTMF 5 or 7



2.1.1 Wiring



❶ Call-button ☞ Select contact type with slide switch **SW**: NO (Normally open) or NC (Normally closed)
Connect potential free emergency contact to **EC**

❷ Connect telephone line (PSTN) to **LINE**
If a call starts, the setting of the emergency contact type is wrong

❸ Connect supply voltage (6 - 24 V DC) to **VIN+** and **VIN-**
If the telephone line is not connected the EA-MINI will beep six times.

❹ Connect door-opener between **VIN+** and **Lamp1-** (activated by DTMF 5)

❺ Connect door-opener between **VIN+** and **Lamp1-** (activated by DTMF 7)
- ☞ Magnet directly, in case supply voltage is suitable and current is max. 400 mA
- ☞ Potential free contact using relay (max. 400mA) or EA-NT-IN
- ☞ Activation time is adjustable ☞ 4.3

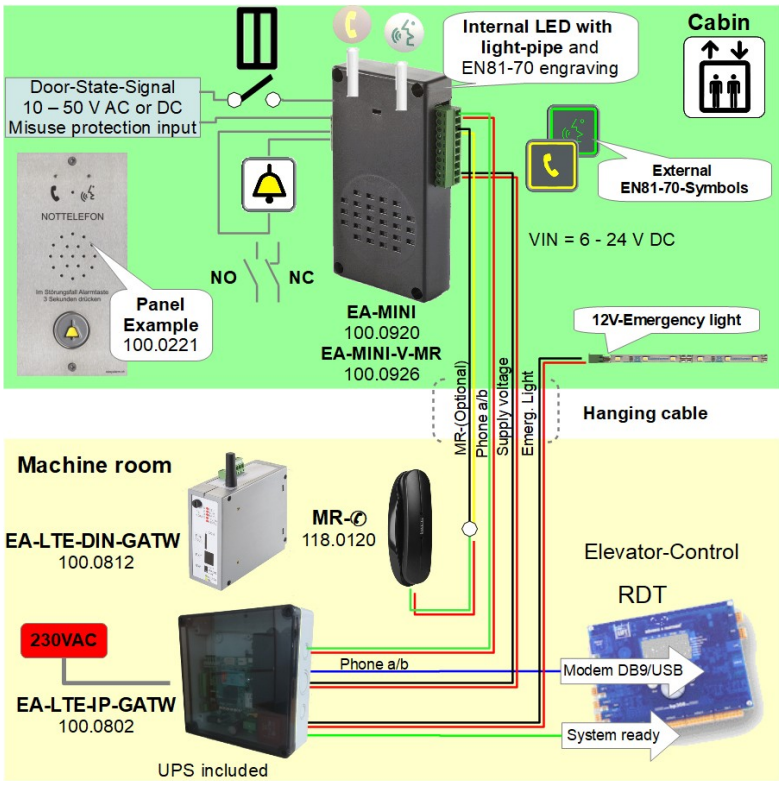
❻ EN81-70: Use light pipes for the internal LEDs or connect yellow and green

2.2 Alarm dialler

i.e. vestibules of lifts or places with risk of trapping.

or

Emergency dialler with misuse protection:
Alarm will be cancelled if the signal (=door status) changes within a programmable alarm filtering time.



2.2.1 Wiring

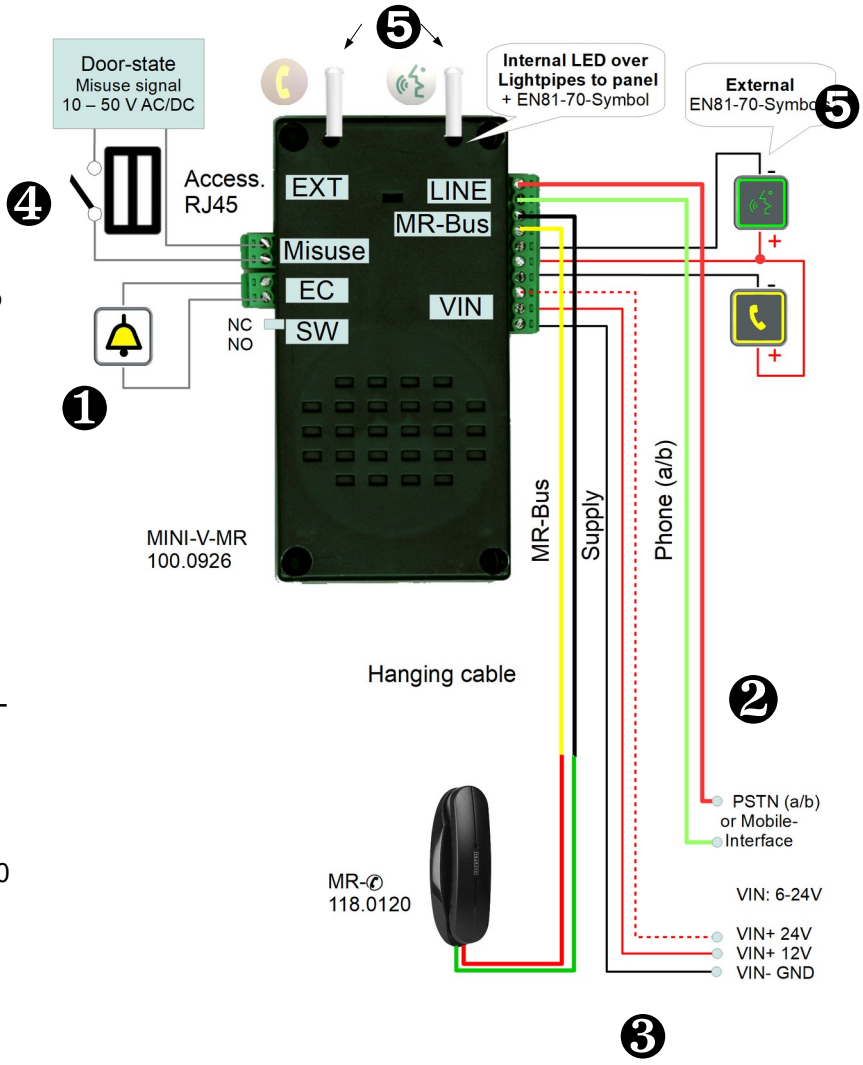
❶ Emergency button ☞ Select contact type with slide switch **SW**: NO (Normally open) or NC (Normally closed)
Connect potential free emergency contact to **EC**

❷ Connect telephone line (PSTN) to **LINE**
If a call starts, the setting of the emergency contact type is wrong
Option: Connect phone to **MR-Bus**

❸ Connect supply voltage (6 - 24 V DC) to **VIN+** and **VIN-**
If the telephone line is not connected the EA-MINI will beep six times.

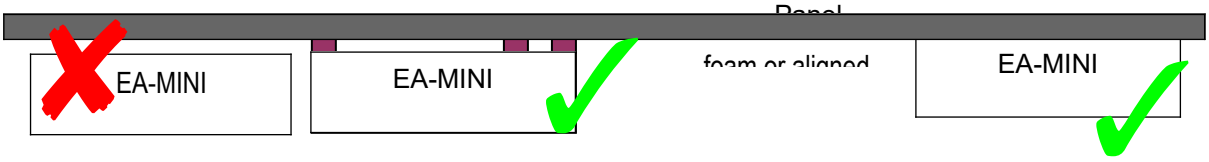
❹ Misuse protection: Alarm will be cancelled if the signal (=door status) changes within programmable time
Connect misuse protection signal (10 - 50 V AC or DC) to **MISUSE**

❺ EN81-70: Use light pipes for the internal LEDs or connect yellow (Lamp1) and green (Lamp2) between **VIN+** and **Lamp1-** / **Lamp2-** (max. 400 mA each)
Press the alarm button for 2 seconds to check the misuse-protection. When the signal changes the EA-MINI will stop beeping two times.



3 Mechanical fitting

- The speaker and the microphone in particular have to be in free connection to the cabin, otherwise the communication quality decreases (reduced volume, poor hands free quality)
- Make sure the microphone hole and the panel hole fit.
- The EA-MINI must be mounted directly behind the panel without any gap, otherwise there will be an acoustic feedback. If necessary insulate speaker and microphone room acoustically using foam or rubber.
- Do not use any foil between the front panel and EA-MINI, not even in waterproof versions option: -WG.



3.1 Retrofit solutions to existing elevators

3.1.1 Chrome steel panels (flush / surface mount)

EA-TAB (without emergency button)
if current button remains in use
Art. No: 100.0220

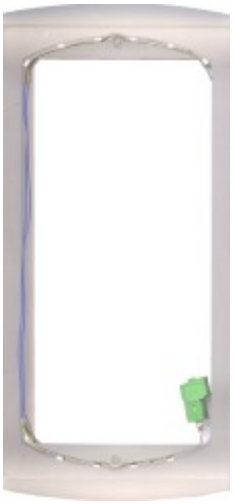
100 x 200 x 2 mm

EA-TAB-NT (incl. emergency button)
incl. button RT-42/Type IX, bell sublime
Art. No 100.0221

100 x 200 x 2 mm

3.1.2 Transparent frame for surface mounting of panels

Art. No: 100.0231



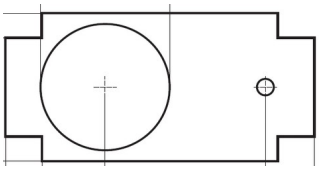
100 x 220 x 23 mm

Two inlays on bottom and/or top fit
LED emergency light chain

All front panels 100.022x come two suitable screws.

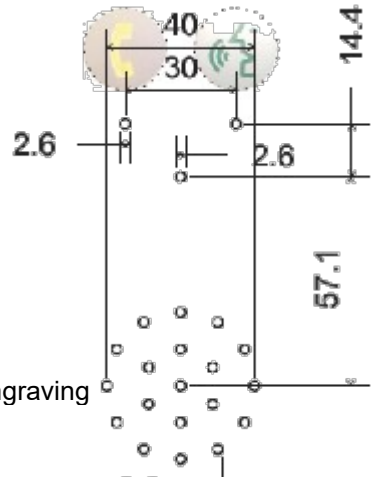
3.1.3 Panel drilling template with SNEL-retrofit kit (Art. No: 100.0277)

Adhesive film for easy mount sub-communication unit



EN81-70-Symbols to stick on panel front

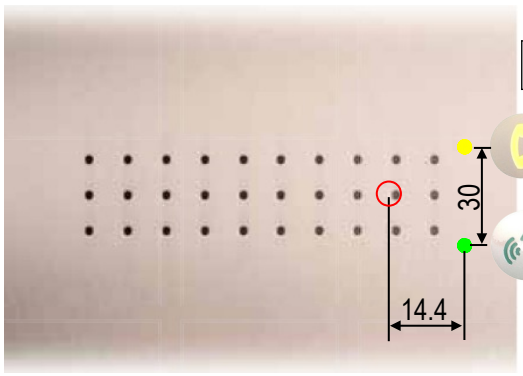
Light pipes PGN25145



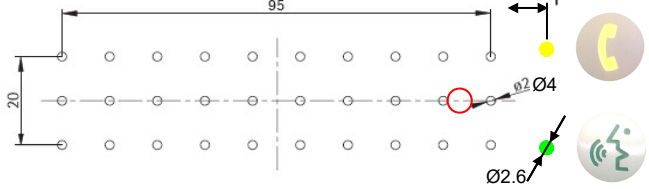
3.1.4 New installation or new panels

Drilling hole proposals from Schäfer GmbH with the appropriate order code. In addition, two external EN81-70 indicators: e.g. Type MA42 (shepherds) or similar. The built-in LED LMK7x LEDs and two light pipes (Art. No: 25 145 PGN) will lead light to the front: hole diameter Ø = 2.6-0.05mm.

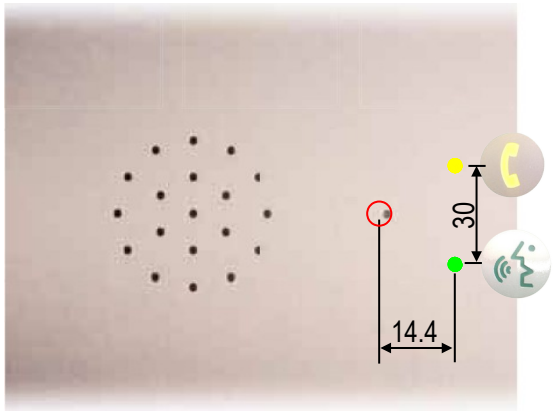
Option 1: "G9924" / Option 2: "G9924 LMK70 LED" with holes for light pipes and engraving



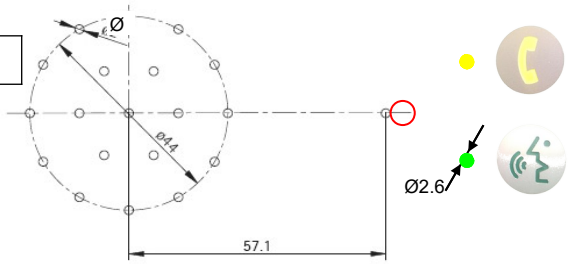
Option 2



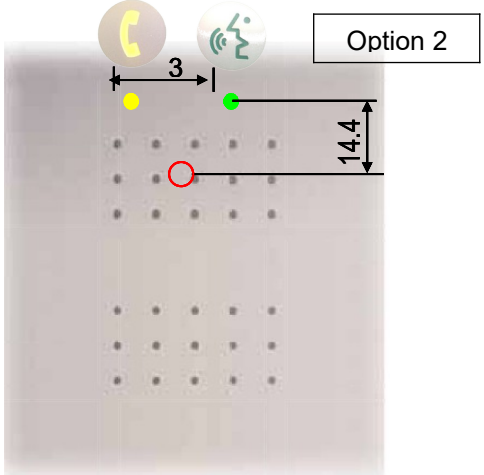
Option 1: "G9924wg" / Option 2: "G9924wg LMK70 LED" with holes for light pipes and engraving



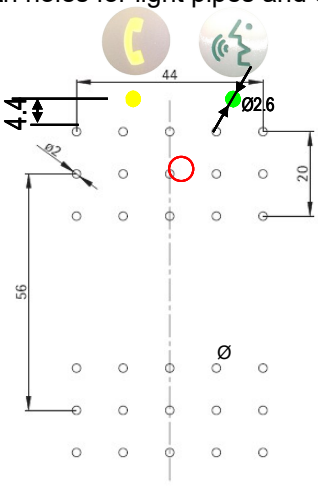
Option 2



Option 1: "G4824" / Option 2: " G4824 LMK70 LED" with holes for light pipes and engraving



Option 2



4 Programming

A) During the telephone connection, e.g. by remote dial-in
B) With version 100.0926/100.0946 from Ver.12 also during MR-connection using the machine room telephone

4.1 Calling numbers

	Function	<Calling-number>: up to 23 digits + #	Factory setting
*1	1st alarm-number		
*2	2nd alarm-number		#
--	-and so on-		
*7	7th alarm-number		#
*8	8th alarm-number (Test)		#
*9	Routine-number 9 (every 71h)		#

as fist digit of calling-number ☞ delete this Alarm number (Alarm sequence stops)
as second digit ☞ Dialling pause before new digit (i.e. to get external line in case of an exchange)
otherwise ☞ Alarm-number completed

Example:
*1888#
*20#0566484040#
*3#
*90#0566484043#

First alarm-number = 888 internal 888
Second alarm-number 2 = 0#0566484040 external
Third alarm-number 3 = End of Alarm
Routine-number 9= 0#0566484043 external

4.2 Program PIN-Code

The pin can be changed by typing: *** # <PIN-Code> # <PIN-Code> #
<PIN-Code> is 4 to 7 digits (Factory setting: ***#1234#1234#)
Successful programming is confirmed by one beep. Two beeps mean error ☞ The old pin remains stored

4.3 Configuration

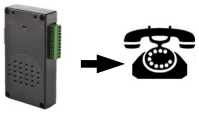
During telephone connection: *9713 <Parameter><Value> #9713 <Parameter><Value> #
Successful programming is confirmed by one beep. Two beeps mean error ☞ The old value remains stored

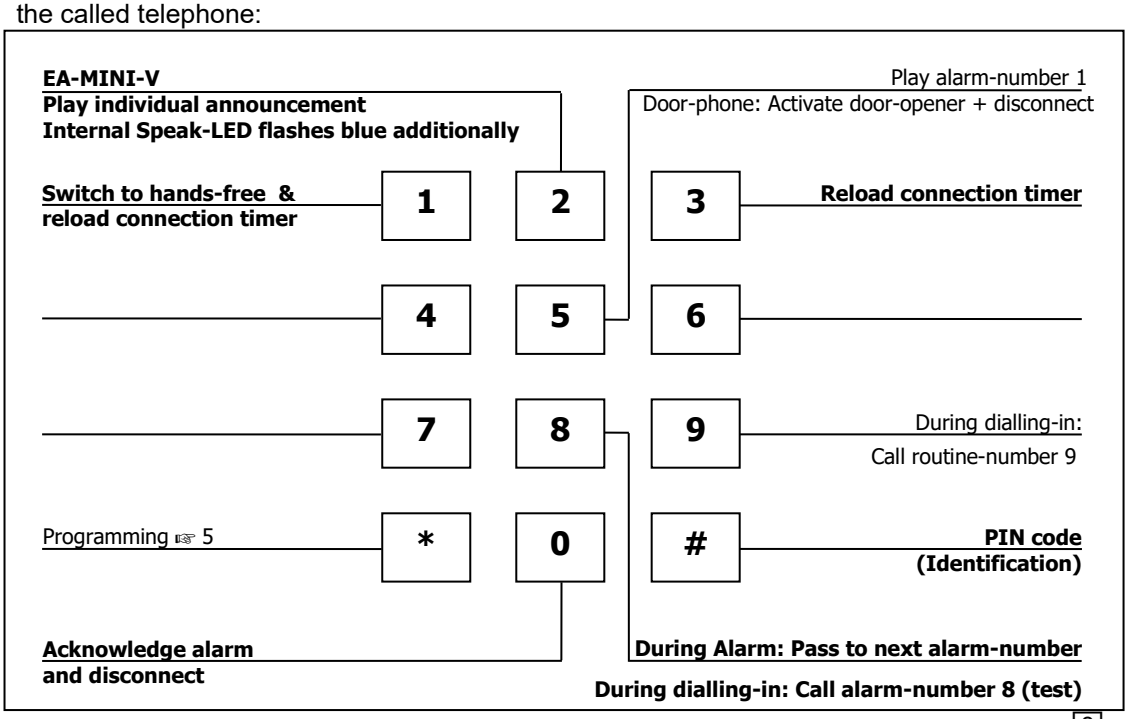
<Parameter>	Function	<Value>	Factory setting
00	Software-Version	99 set unit to factory settings	Software-Version
04	Delay on # in calling-number	0 .. 15 s	5
20	Play individual announcement (frequently) (MINI-V only)	0 play once repeat every 15 .. 254 seconds	0
24	On-hook time (5 + <Value> seconds)	0 .. 255 s	0 ☞ 5s
28	Routine call interval	1 .. 254 h	71
35	Background-Noise filter BGN	0 Disable 103 Enable	0
46	Dialling mode	0 Pulse-dial / 1 DTMF	1
47	Number of ringing-cycles	0 Dialling-in disabled 1 .. 9	2
48	Misuse-Protection time-out	0 .. 255 s	0s (from FW V8)
49	Dial-up time-out in service mode	1 .. 255 x 10s	12 = 120s
50	Dial-up time-out in hands-free mode	1 .. 255 x 10s	12 = 120s
51	Reload connection time-out	1 .. 255 x 10s	24 = 240s
66	Hands-free volume adjustment	0 .. 15	8
67	Door-phone: Door-open period on LAMP1	0 .. 255 s => also set 69 to 0	0
69	Activation of the green indicator	0 Door-phone 1 by DTMF 1 (manual) 4 after the dialling (auto)	1
70	Dialling-in sequence	0 direct / 1 two-step	0
71	Connection mode after dialling-in (with / without PIN)	0 PIN ☞ Service mode 1 PIN ☞ Hands-free mode 7 no PIN ☞ Hands-free mode	1
76	Remote-Programming	0 Disabled during alarm-call 1 Enabled	1
79	Activation time for emergency button	0 .. 255 * 20ms	50 = 1s

5 Instructions for alarm point

Answer call

During connection the called party can initiate remote instructions by pressing these keys on the called telephone:





If more than one alarm-number is programmed, the call must be terminated by pressing [0]. Otherwise EA-MINI will call the next alarm-number.

Additional EA-MINI-V:
Record individual announcement [*] [*] [#]

new individual announcement 12s

☞ During the recording the internal Speak-LED shines blue ☞ After the recording the new text will be announced ☞ indicated by flashing blue internal Speak-LED.

Calling back the cabin

There are two different ways to dial in. Direct dialling-in or Two-step dialling-in, with or without PIN-Code

Direct dialling-in (Parameter 70=0) (Factory setting)

Dial phone number of the EA-MINI.

Two-step dialling-in (Parameter 70=1)

Dial phone number of the EA-MINI. Let it ring for two ringing cycles and disconnect (hang up). Re-dial after 20 seconds

Access with PIN-Code (Parameter 71=1) (Factory setting)

[1] [2] [3] [4]

After the selected ringing-cycles (Parameter 47, Default = 2) EA-MINI waits for the PIN-Code (Default = 1234).
After entering correct PIN-code EA-MINI establishes a hands-free connection, announced by three beeps to inform any person inside the cabin.

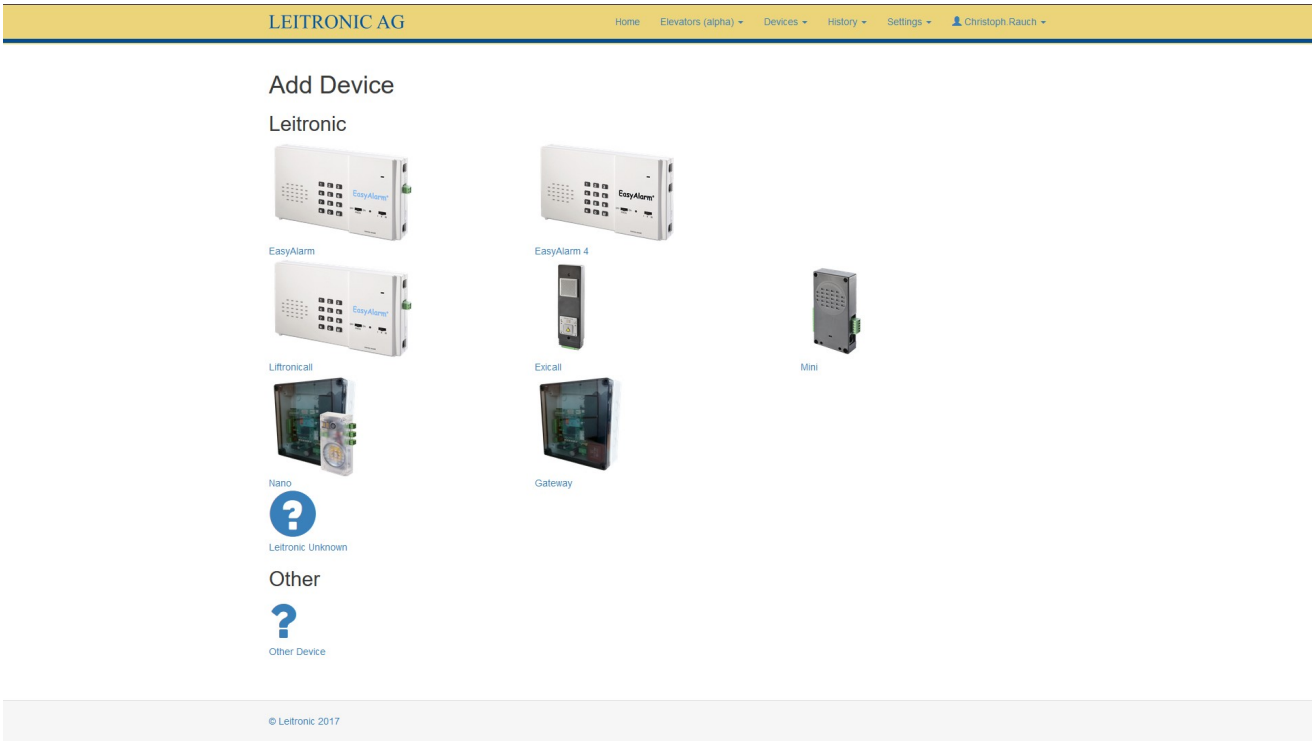
Access without PIN-Code (Parameter 71=7)

After the selected ringing-cycles (Parameter 47, Default = 2) EA-MINI establishes a hands-free connection, announced by three beeps to inform any person inside the cabin.

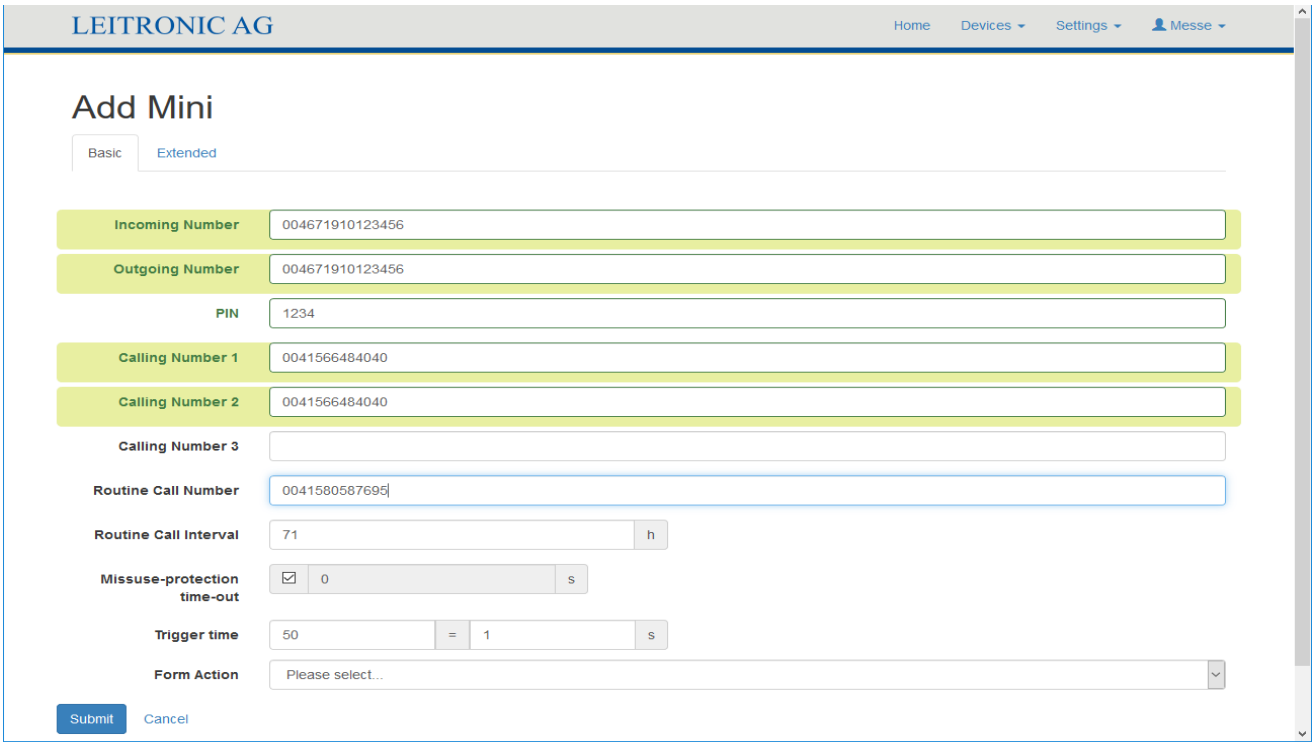
6 Programming via online portal

Log in to the portal with your profile, if you do not have one yet, please contact Leitronic.

6.1 Add device



6.2 Configuring and parametrizing the device



- Incoming call number: Phone number of the device
- Outgoing call number: Phone number of the device

Function "Add to database and change parameter"