

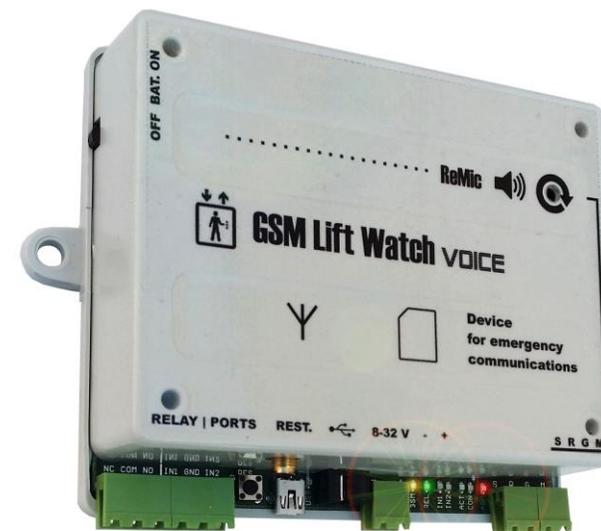


# 4G – VoLTE (Voice over LTE) GSM Lift Watch Voice

ALPHATECH TECHNOLOGIES s.r.o.

producer of emergency lift intercom systems

<https://www.alphatechtechnologies.cz/>





# 4G GSM Lift Watch Voice

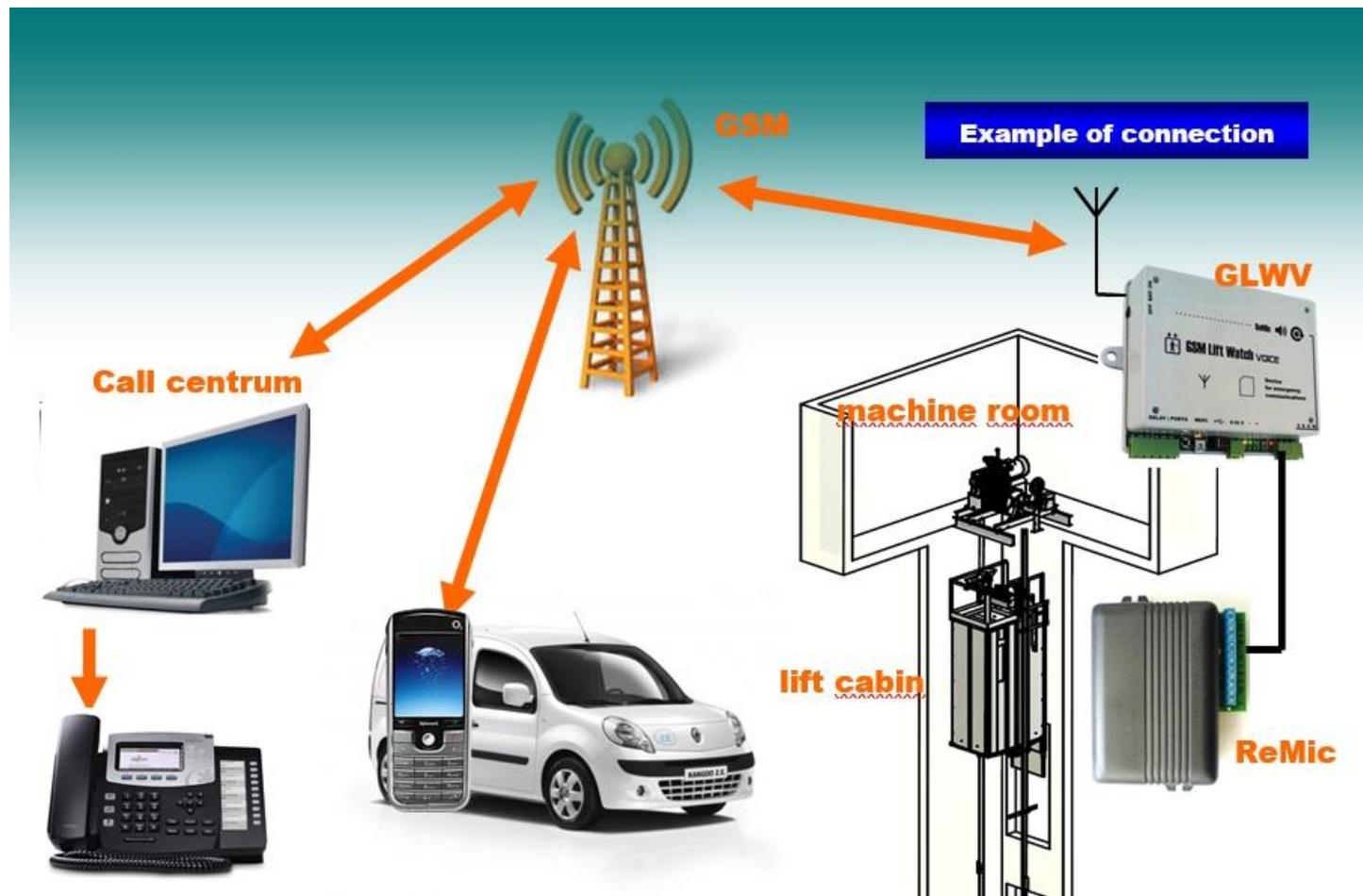
- 2G / 4G (VoLTE) – Voice over LTE version
- Meets all safety lift standards
  - EN 81-28+AC:2019-04, 81-70 ED2
- Easy installation - no worries with a landline
- Easy setup - basic settings with a single SMS text message





# Typical Scenario

emergency voice connection  
from the lift cabin / elevator car  
with the emergency service,  
fire brigade, police, operator, etc.





# 4G GSM Lift Watch Voice

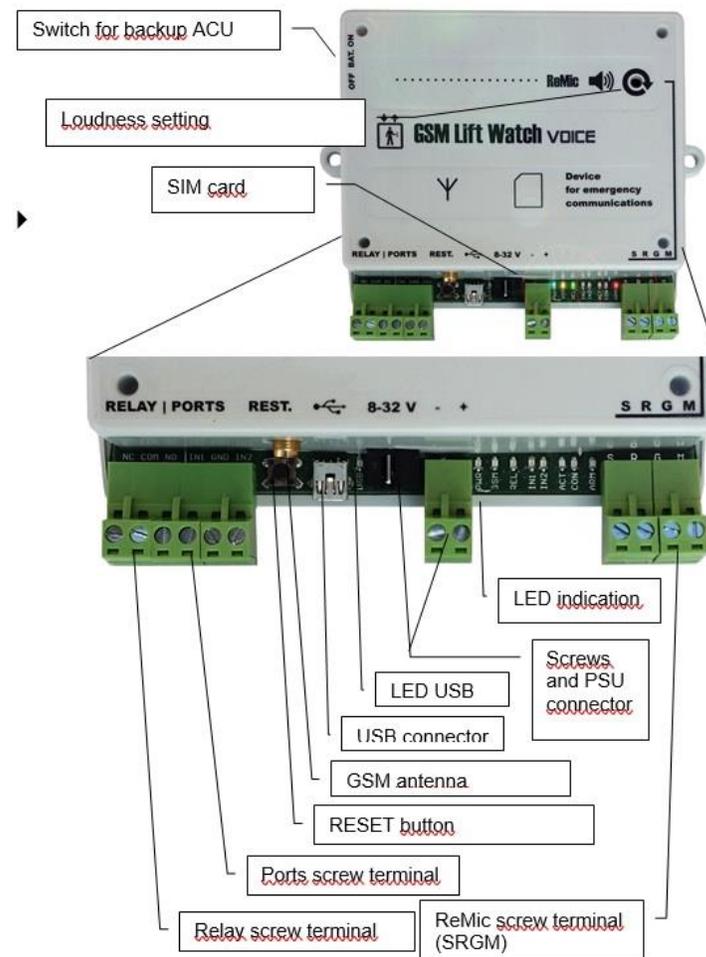
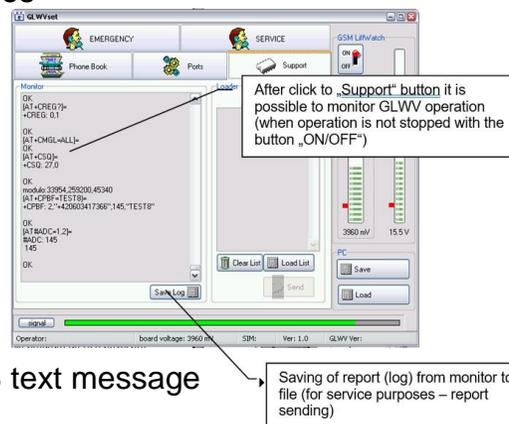
- Voice messages for activation / establishing a connection
- Voice messages for next 12 statuses, which may occur during operation
- All required comes in one package - everything is included
- Programmable relay, inputs, testing of power supply and backup battery
- USB port, voice messaging module, etc.





# 4G GSM Lift Watch Voice

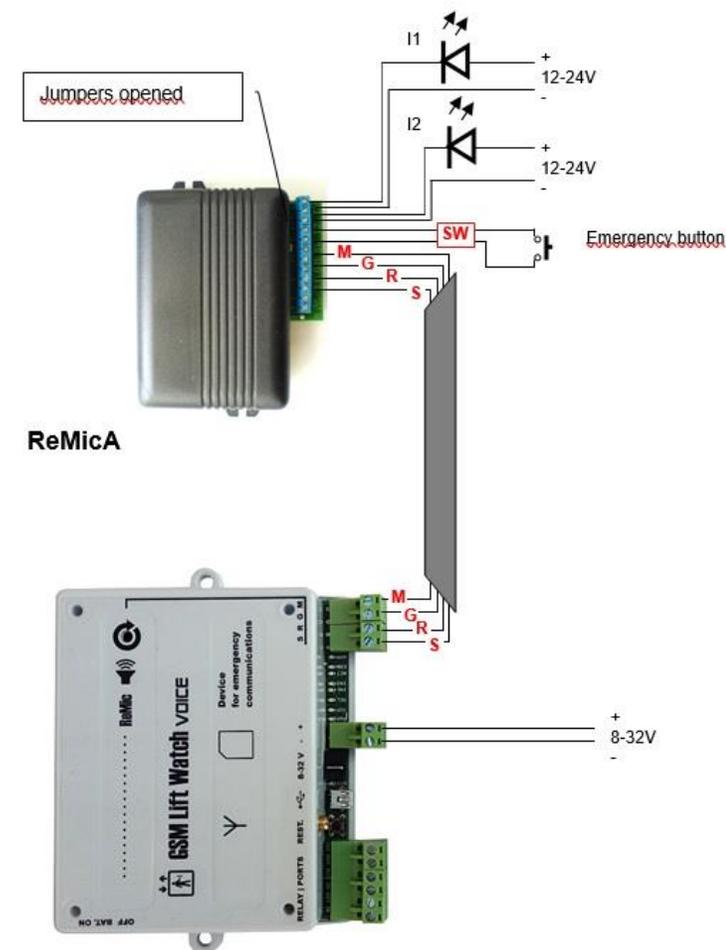
- No landline , Easy to install, Simple settings , Voice messages
- Calls up to 7 numbers , Programmable relay
- Universal input , Blocking input
- Test of the acoustic path, Automatic periodic test
- Backup battery, SMS programming fuction via a single SMS text message
- USB port for detailed programming via Windows PC using the setup program
- USB port for 4G LTE data transmission (e.g. call center data collection from all installed lifts)





# 4G GSM Lift Watch Voice

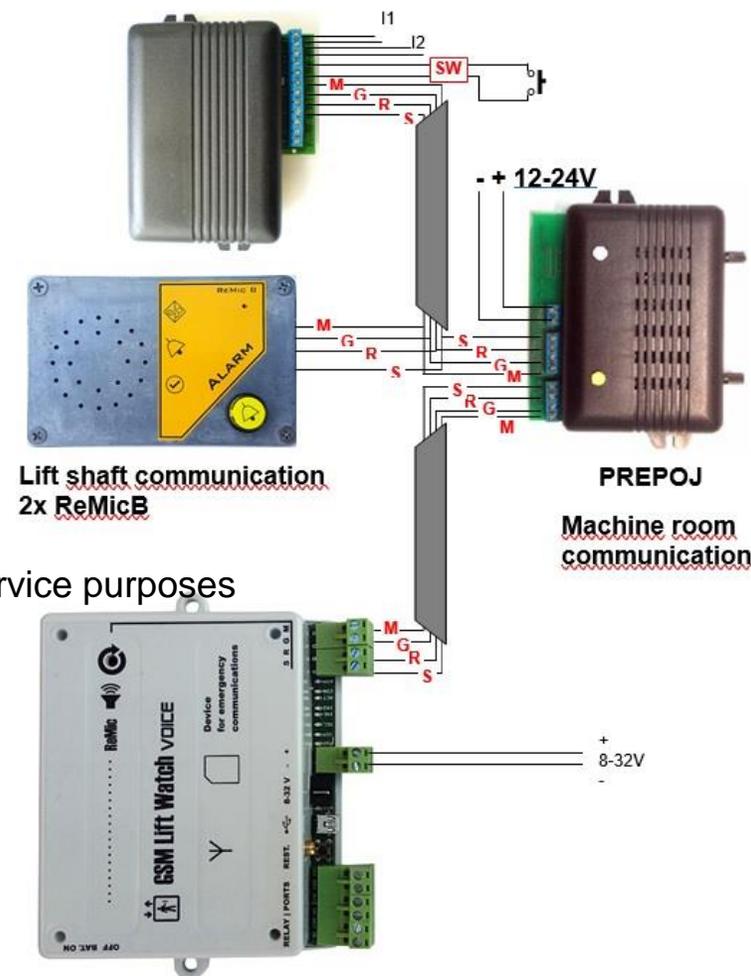
- 16 programmable voice messages, each max. 8 sec. ; voice messages in various language versions are possible
  - atest, blok, ecall, endalarm, endcall, error, nocall, nolog, nomaster, nosim, pin, ready, stop, test, timeout, wait
- Programmable contents of status SMS text messages
- 7 programmable phone numbers for sequential dialing emergency call
- And also next 7 programmable phone numbers for the sequential dialing service call
- Working without PIN / with PIN code - automatically generates a random PIN for the SIM card
- Evidence of service interventions on the elevator/lift with the date of the last intervention





# 4G GSM Lift Watch Voice

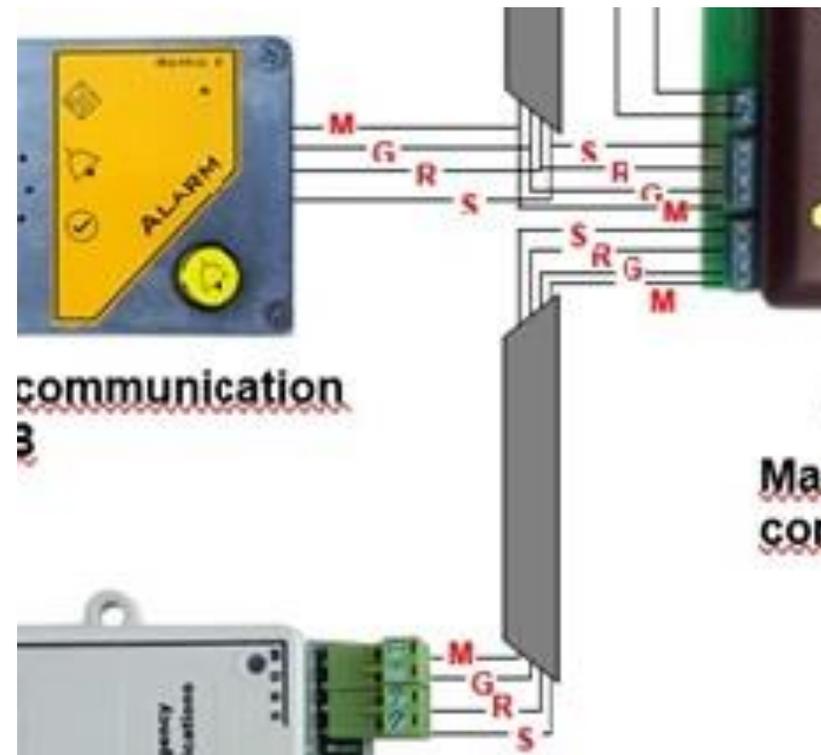
- 1x ReMicA speaker/microphone unit for the lift cabin / elevator car
- Optionally:
- 2x ReMicB speaker/microphone antivandal unit for installation into the lift shaft for service purposes
- 1x GSM Prepoj communication unit for the machine room for service purposes
- 1x Inductive Loop Amplifier for Impaired Hearing
- Optional backup battery





# 4G GSM Lift Watch Voice

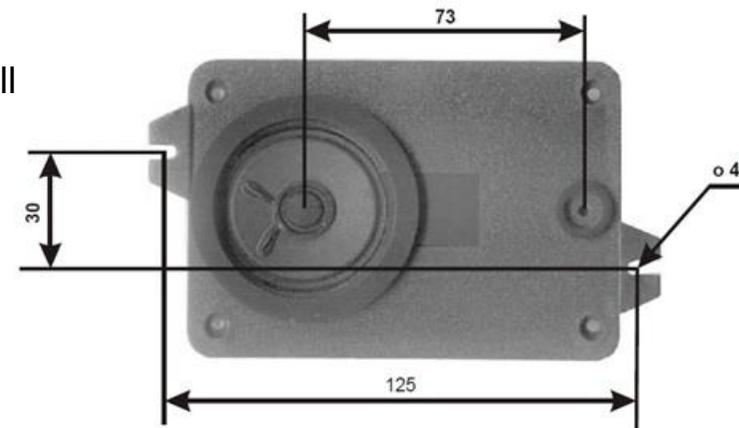
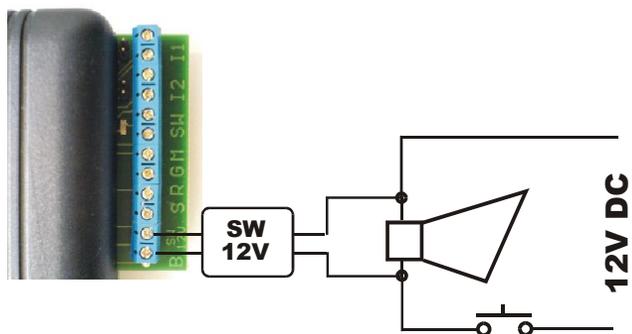
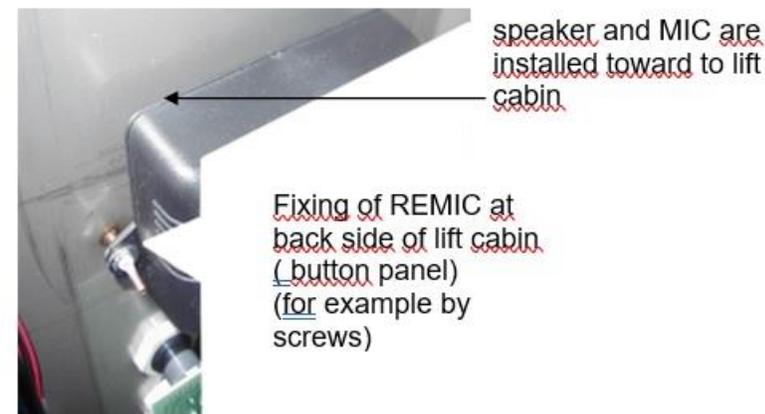
- 4 wires connection
  - M wire for microphone connection with all SPK/MIC units
  - G wire for grounding
  - R wire for speaker connection with all SPK/MIC units
  - S wire for transmission of signalling – there are 16 status voice messages provided by the system
    - Error status voice messages, e.g. No SIM card, incorrect PIN code, no GSM network, etc.
    - Thanks for the S wire connection, the system has its own operation signals,
    - S wire offers a great advantage compared to the traditional 2-wire analog systems, which cannot provide such sophisticated status signalling





# 4G GSM Lift Watch Voice

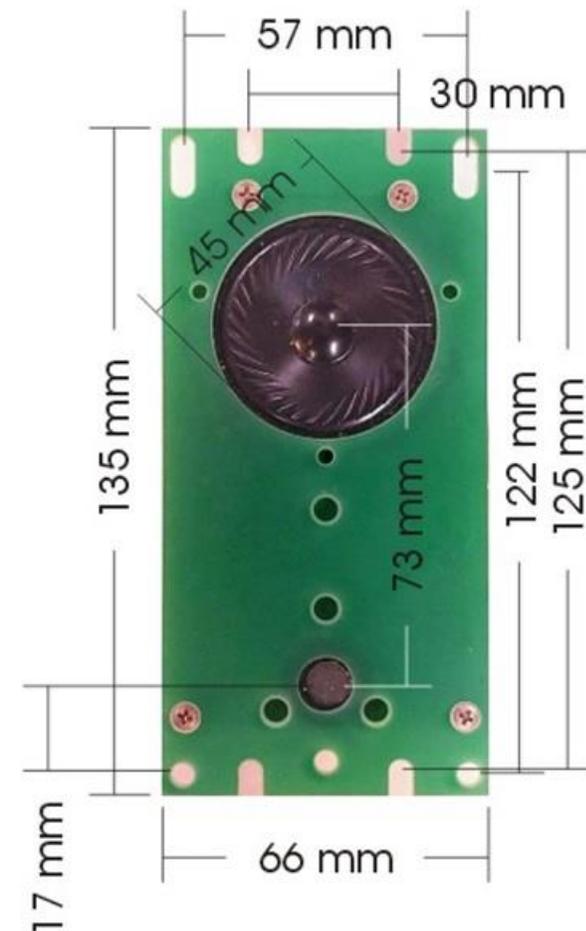
- The ReMicA speaker/microphone unit is installed inside the lift cabin / elevator car
- It's installed behind the lift/elevator front panel with the emergency call button
- Extract from a connection example of the ReMicA unit to an external siren or a bell





# 4G GSM Lift Watch Voice

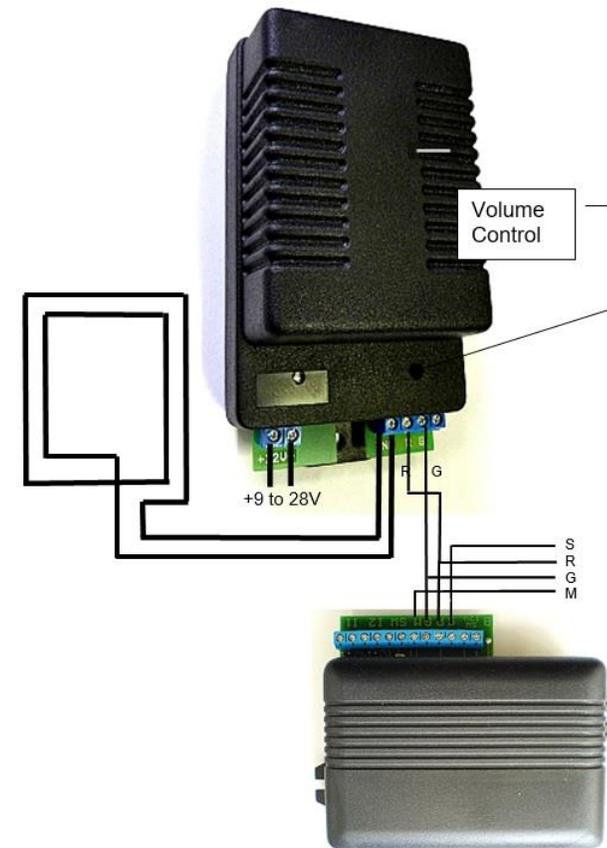
- The optional ReMicAS1 speaker/microphone unit is installed inside the lift cabin / elevator car
- It's installed behind the lift/elevator front panel with the emergency call button
- For low profile installations, 22mm slim only (depth = 22mm)
- Works the same way as the standard ReMicA SPK/MIC unit





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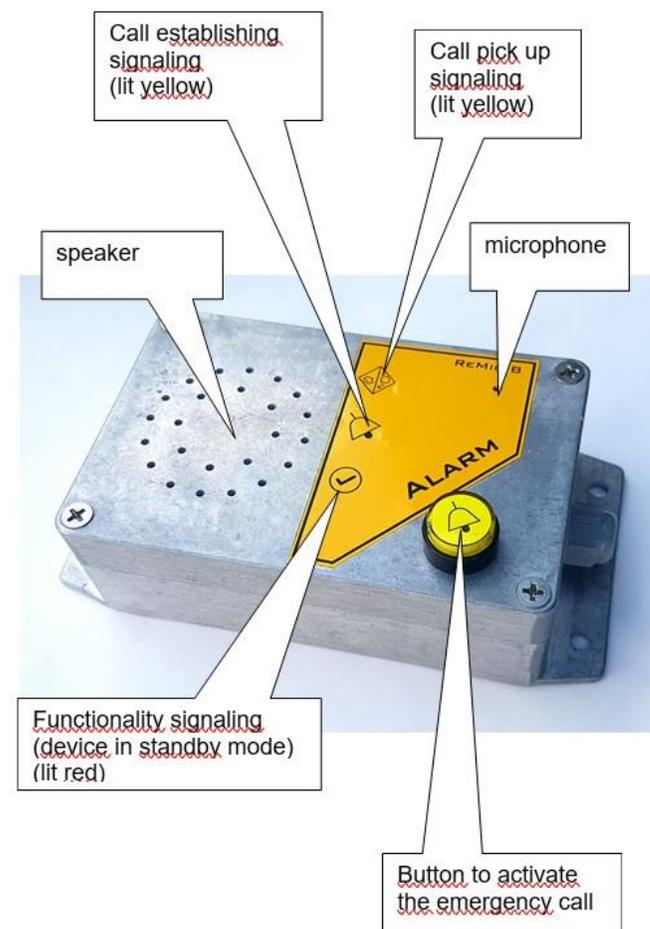
- The optional Inductive Loop amplifier unit is installed inside the lift cabin / elevator car
- It's installed behind the lift/elevator front panel with the emergency call button
- It's used by impaired hearing persons
- Parallel connection to the ReMic SPK/MIC unit in the lift cabin
- 9-28VDC external power supply is required





# 4G GSM Lift Watch Voice

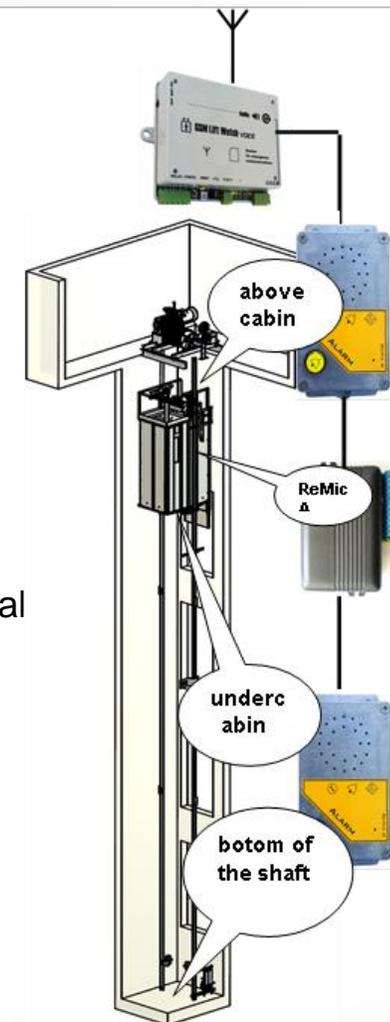
- The optional ReMicB speaker/microphone unit outside the lift cabin / elevator car
- 2x ReMicB unit can be installed at the bottom of the lift shaft and on the lift cabin
- Antivandal unit with an emergency call button
- Status LEDs indication
- Emergency voice connection with the operator, service center, police, etc.





# 4G GSM Lift Watch Voice

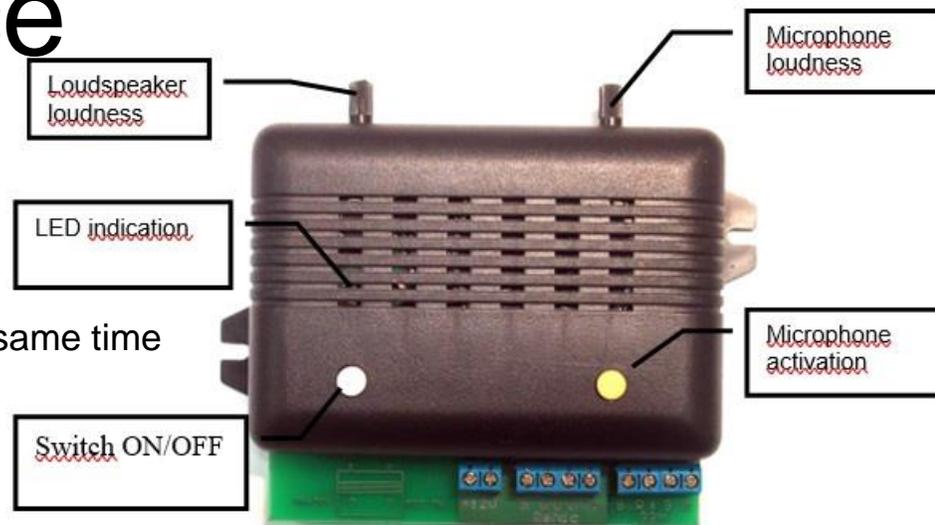
- The ReMicB speaker/microphone unit is designed for the outside the lift cabin / elevator car
- ReMicB can be mounted above the lift cabin or under the lift cabin or at the bottom of the shaft
- The initialization button is built-in, but an external button can also be used or another type of initial system (e.g. voltage)
- Antivandal metal housing for better protection





# 4G GSM Lift Watch Voice

- The optional GSM Prepoj communication unit for the machine room
- For service and installation engineers
- Communication unit between the machine room and all ReMic units at the same time
- Communication between the machine room and the lift cabin / elevator car
- It can be switched ON permanently to listen to all ReMic speaker units
- Emergency calls from the lift cabin / elevator call are still active even when the GSM Prepoj is used





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