

SafeLine®

- Emergency Lift Telephones -



SafeLine **VA4** Operating instructions



ENGLISH v1.02
01.2013

Operating instructions

TECHNICAL DATA

Current consumption at 24V:	max 15mA
Current consumption on activated input and playing sound at max volume:	max 70mA
Speakers:	10W, 8Ohm 3W, 8Ohm
Size:	99 x 50 x 17 mm

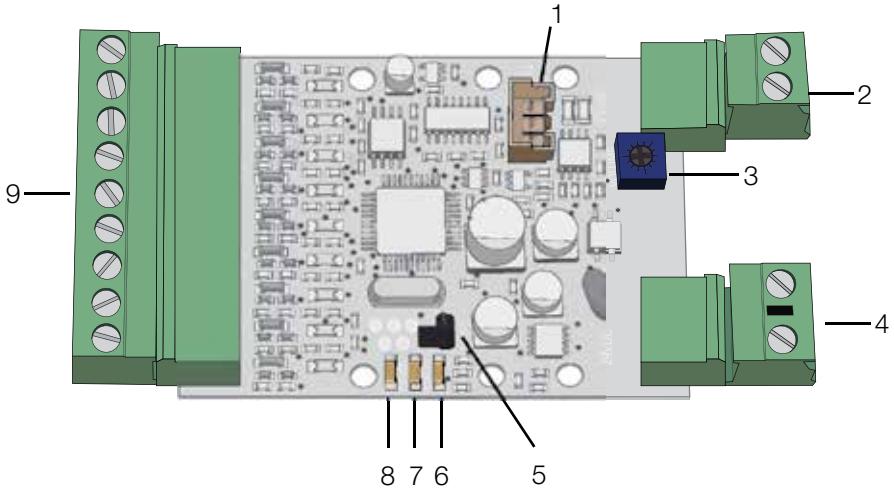
■ Safety and general information

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INTRODUCTION



1. Rs232 PC connection

For firmware update and programming.

2. Terminal for speaker

Recommended: Broad band speaker 4-16 Ohm, min 0.5 W.

3. Volume

Increase or decrease volume of the speaker.

4. Terminal for power supply

Connect 20-30 VDC power supply to the terminal.

5. Jumper for active 0 inputs.

Place the link on the jumper for active 0 inputs.

6. Rec LED

Red LED, flashes during communication with a PC.

7. Status LED

Yellow LED, flashes when a message/music is played.

8. Power LED

Green LED, flashes when the unit is powered.

9. Terminal for inputs and trigg signal.



CONFIGURATION

VA4 can be programmed in SafeLine Pro Version 2.23 or later (V3.30 recommended). Reconfiguration and changes to previously recorded messages can easily be made.

SafeLine Pro can be downloaded for free on our web site: www.safeline.eu.



Downloading new voice messages:

If the prerecorded messages need to be changed or if new messages have to be added we can send the files to you by e-mail and you can easily download them in VA4.

When recording and downloading own sounds.

A sound file name can be no longer than 59 characters. The sound have to be in wav-format, mono with 16-bits resolution and 8 or 16 kHz sample frequency

PCM. VA4 is normally delivered with 2048 KB Flash-memory this is enough for 240 sec of recording at 8 kHz or 120 sec in 16 kHz. Both 8 and 16 kHz sampled *.wav-files can be downloaded in the same VA4.

If you have recordings in any other resolutions or format they have to be converted first.

Inputs:

Standard configuration at delivery is:

Input 1-4, are Binary inputs 1,2,4,8.

Input 5-8 are fixed messages that are used for all floors like "Doors are closing", "Lift is overloaded", "Fire alarm" etc.

Configuration:

The inputs can be configured with SafeLine Pro:

Binary / Decimal / Gray code inputs for maximum 1-32 floors.

Fixed messages 1-8 can be selected.

Trigg signal: Floor message can be played when a trig input is activated, or when one of the inputs status are changed.

All changes and downloading of new messages have to be made from SafeLine Pro.

Polarity and voltage:

The input voltage can be between +20-30 VDC.

If "Active 0 input" is activated a 0 VDC signal activates the input.

Supply voltage must be 20-30 VDC.

CONFIGURE WITH SAFELINE PRO

Nr (floor nr):

Double click to get the *.wav-file for each floor (1-32).

Floor

messages:
Shows *.wav-file for selected floor. Double click to select your files.

Time:

Displays duration in seconds on each *.wav file.

Memory usage:

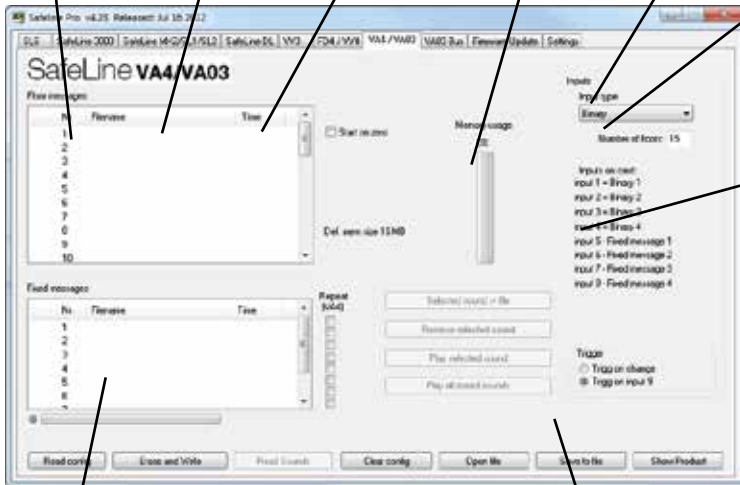
Displays remaining memory.

Input type:

Choose how the inputs should be configured. Input type can be Binary, Gray code or Decimal.

Number of floors:

Choose how many floors to be used.



Inputs on card:

Select input format and configure how to use the input signals. Input format can be Binary, Gray code, or Decimal. Input 9 is always used as "trigg"

Trigg on change / trigg on signal: Choose how to start playing the sound messages.

Fixed

messages:

Shows *.wav-files for fixed messages.

If "trigg on change" is selected, VA4 will play the floor message when the input status is changed.

Play selected sound:

Play selected *.wav-file.

Play all stored sounds:

Play all *.wav-files.

Read config:

Read configuration from a programmed VA4 (sound headers+config).

Erase and Write:

Write changes to VA4.

Read Sounds:

Reads the *.wav-files that is programmed in the VA4.

Clear Config:

Erase all fields, and changes all settings to default.

Open File:

Open a saved *.VA3.

Save To File:

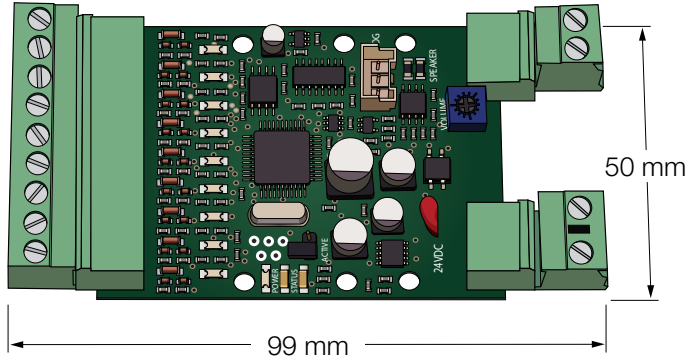
Saves all parameters and sounds in a file with the extension *.VA3.

Show Product:

Show a picture of VA4.



MEASUREMENTS



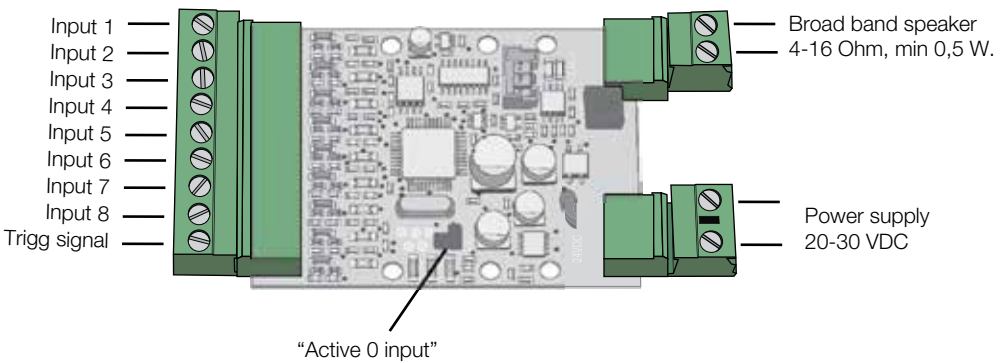
CONNECTIONS

Input 1-8: Connections from controller.

Trigg: Connection from trigg signal.

Positive/Negative input signals:

The VA4 can be set for either positive or negative input signals. It is set for positive signals as default. To chose negative input signals, mount the jumper over 'ACTIVE "0" INPUT'.





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