

## Installation Guide (Quick Guide)

### Analogue door intercom "Fores Bell analog", successor to "A-Bell"

The "Fores Bell analog" series is the successor to the "A-Bell (Brave)" series of analog door intercoms. It retains all the basic functions and simplifies the adjustment of microphone sensitivity and volume.

#### Quick configuration

Parameter settings can be done either using the ForesSet program in version 4.1 (and higher) or by phone using DTMF codes entered from a regular phone.

Entering the programming mode is possible after entering the password. The programming mode is only accessible during an incoming call and is indicated by a specific beep. Termination of programming mode is possible either by hanging up or by exiting command. If you do not know the password, switch DIP switch #1 to ON before making a call, and the device will be in programming mode after picking up the line. When programming is complete, move DIP Switch #1 to the OFF position to allow normal operation.

The end of fixed-length commands is recognized immediately; commands of different lengths (e.g. phone numbers) are terminated after a moment of inactivity. No ending character is used! The correct command is confirmed by one long beep; the wrong one is rejected by a sequence of short beeps.

The programming input password must be entered within 10 seconds of receiving an incoming call. It is set to 0000 at the factory.

#### The most important commands

Input to programming:

**#0000**            After a while, a beep-beep will be heard

To set the phone number for button 1:

**101 xxxxxxx**    and wait for confirmation with a longer beep. xxxxxx is the number to be dialed by the door intercom.

To set the phone number for button 2:

**102 yyyyyy**    and wait for confirmation

Access code for controlling the relay from the outside (e.g. opening the lock from the outside)

**3211 xxxxxx** and wait for confirmation. Code xxxxxx turns on relay #1 and has 2 to 6 digits

**3221 yyyyyy** and wait for confirmation. Code yyyyyy turns on relay #2 and has 2 to 6 digits

Changing the password to access programming mode

**44 abcd** the next time you enter programming, you'll need to enter *#abcd instead of #0000*

Setting parameters to factory values (does not delete phone numbers, otherwise everything)

**8##**

Delete phone numbers

**81**

Code for controlling the relay by phone (open to visitors):

**351 ab** Entering ab during a call turns on relay 1. By default, the code is set to 55.

**352 cd** Entering cd during a call turns on relay 2. By default, the code is set to 66.

Exit programming mode:

**9** or by hanging.

## Installation

To turn on the backlight/name plate illumination: DIP5 (DIP switch #5) - ON (ON position)

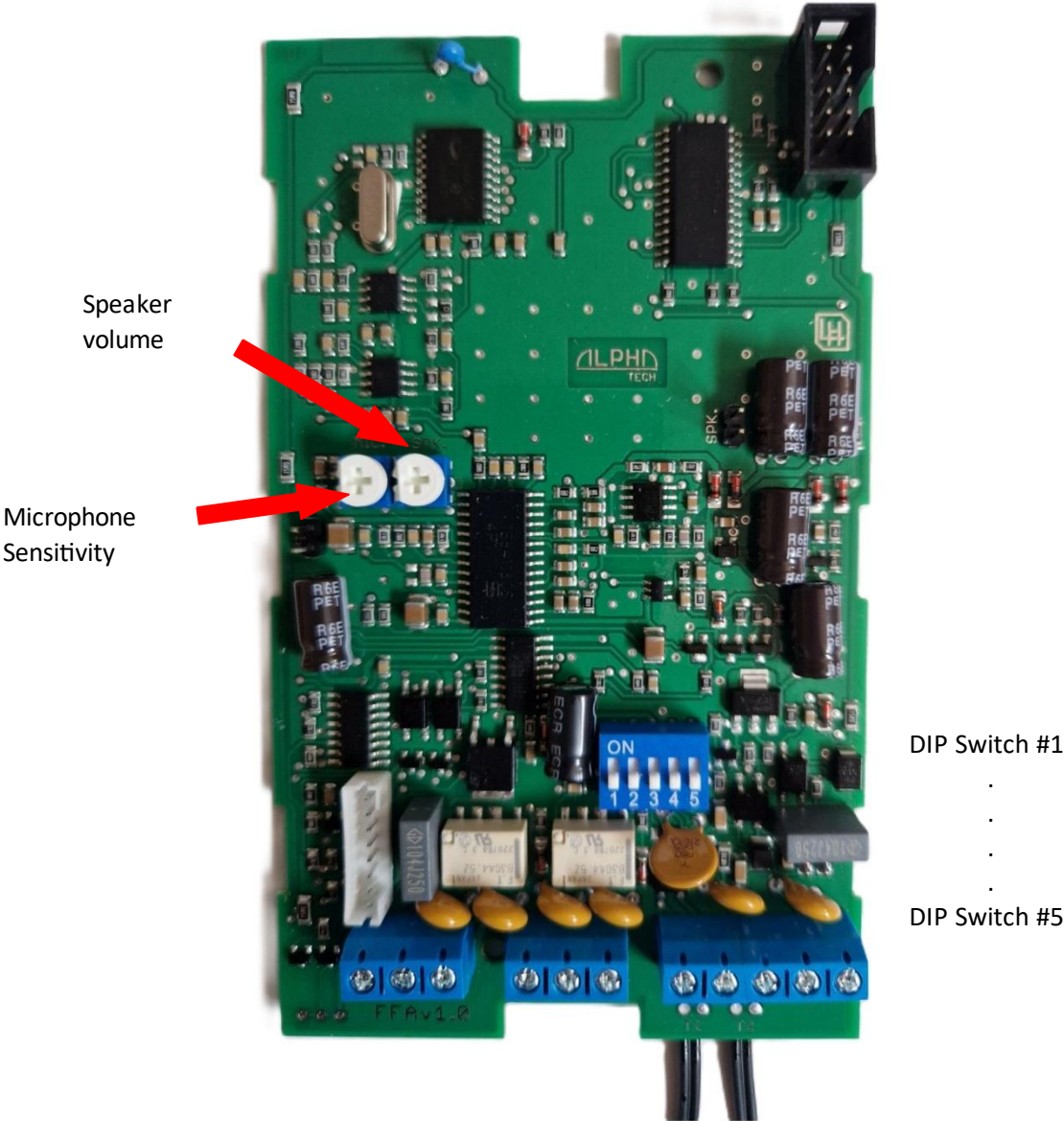
Enabling Door Intercom Temperature Maintenance (Water Vapor Condensation Protection for Out-of-Building Placement): DIP2 (DIP Switch #2) - ON (ON Position)

For the relay, lighting and heating function, it is necessary to connect a power adapter to the 12V terminals. The adapter can supply 11-24VDC or 10-16VAC. The relay contacts can control a maximum of 48VDC/1A, **in no case can they be used for switching the voltage of the distribution network (230VAC)!**

**The LINE terminals are used to connect the telephone line, the GND terminal is used for safety grounding of the device, protects against static electricity.**

Adjusting the volume

Volume adjustment is intuitive with the door intercoms of the "Fores Bell" series. Both the microphone sensitivity (MIC) and the volume of the built-in speaker (SPK) can be adjusted using potentiometers.



## Unsupported parameters

The door intercoms of the "Fores Bell" series retain the importance of the parameters used for the setup of the door intercoms of the "A-Bell (Brave)" series. Due to the different electronic design of the "Fores Bell" series door intercoms and maintaining compatibility with the "A-Bell (Brave)" series door intercoms, the "Fores Bell" door intercom ignores parameters 505, 507 to 509 and group 7 parameters - see Chapter 5 in the "A-Bell (Brave)" series door intercom manual.

## Signaling overview

The door intercoms of the "Fores Bell" series acoustically signal conditions that may occur during operation. For easier recognition, they usually use one tone and a combination of different lengths as in Morse code.

Stage	Tones	Comment
Line connection (Reset)	— ■ ■ ■ —	Morse "K"
Line pickup (OFF HOOK) type 1	— ■ ■ —	Morse "A"
Line Hang-up (ON HOOK) type 1	— ■ ■ —	Morse code "N"
Line Pickup (OFF HOOK) Type 2	— ■ ■ ■ —	Morse "U"
Line Hang-up (ON HOOK) type 2	— ■ ■ ■ ■ —	Morse "D"
Memory is empty (no number programmed)	— ■ ■ ■ ■ —	Morse "H"
Tap into a call	4 4 4 4 4	Continuous regular beeping
Call end notification	— ■ ■ ■ —	Morse "S"
Entering programming mode	— ■ ■ ■ ■ ■ —	Four dashes
Programming Mode Prompt	— ■ ■ ■ ■ ■ —	Two modulated beeps
Command or parameter received	— ■ ■ ■ ■ ■ ■ ■ ■ —	Very long dash
Command or parameter rejected	— ■ ■ ■ ■ ■ —	Morse code is "5"

The operation of the communicator can be analyzed according to the tones it plays. This can be useful for installation issues or failure behavior analysis. The beeping can be set using parameters 61, 62 and 63.

For more detailed information on commands and installation, the "A-Bell (Brave)" door intercom manual can be used until the "Fores Bell" Door Intercom Manual is released.

### Web

<https://www.alphatech-cz.eu/en/fores-bell-analog-intercom>

### Note

*The image shows a picture of a fully equipped version of the Fores Bell. Actual device may vary depending on the version purchased.*