

Analog Door Entry Phone

A-VarioBell

VarioBell family of analog, GSM and IP intercoms

-  **PBX connection to analogue line**
-  **Dialling keypad with access codes**
-  **1 to 87 call buttons**
-  **Surface or flush mounted installation**

Modular concept

Hearing impaired status LEDs

Front of 1.8mm thick aluminium



Windows



Presentation

A-VarioBell door entry phone is a modular system and therefore flexible, allowing you to make up the door phone size required. Compatible with any type of telephone system with analogue line connection. It can be also connected to an analogue land line directly.

- Main module with 1 or 2 call buttons
- C expansion module with 5 or 10 call buttons
- Dialling/access code keypad is used for calling PBX (phone system) user extensions and direct entering access codes for opening the door
- Hearing impaired friendly system - status colour LEDs indication – call in progress, call active, door open, doorphone active
 - Optional hearing induction loop
- RTC integrated – Real Time Clock for automatic day/night switching

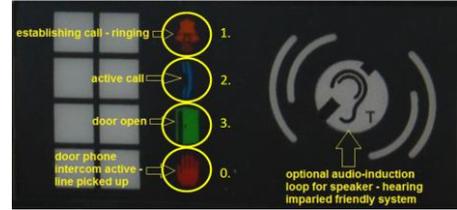
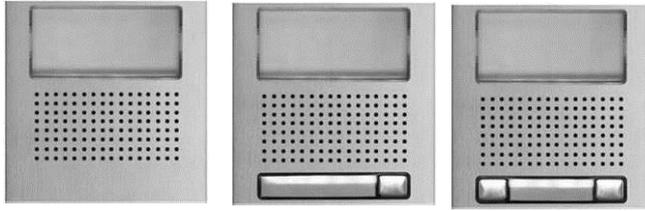
Features

- Hands free communication powered by telephone line only
- Tone (DTMF) and Pulse dialling
- 2 numbers with max 24 digits can be stored under each call button (including *,#,Flash and Pause)
- When dialled phone extension is busy, the call can be forwarded to a mobile phone number
- DAY/NIGHT switching automatically according to actual time or by a code from the phone – Real Time Clock integrated
- 2 independent relays and contacts for connecting an exit button
- From 10 up to 36 access codes via keypad
- 8 different switching modes for each relay
- Switching by one or two pulses (sliding gate) when the electrical lock is used
- Status LEDs for hearing impaired and for indication of doorphone's activity
- Optional hearing induction loop
- Possibility of permanent feeding by an external power supply 12V
- Integrated heating of the unit
- Grounding output for a better protection against static electricity
- PC programming via optional USB cable or remotely by DTMF (phone). The PC programming SW is compatible with all Windows releases.
- Electronic volume settings without necessity to open the front cover of the unit
- Adjustable acoustic signalization
- Security output for lock (COSW) supported

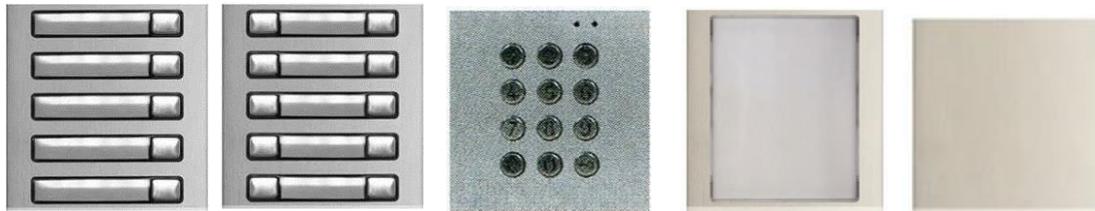
A-VarioBell modular system with up to 87 call buttons and dialling/access code keypad

Main audio modules with zero, one or two call buttons with info window or window with doorphone status LEDs

and optional hearing induction loop



Expansion modules with five or ten call buttons, keypad module, large informative window and blind modules



A-VarioBell surface boxes with frame and rain hood for installation on the wall



A-VarioBell flush boxes with frame and optional rain hood for installation into the wall



TECHNICAL DATA

GENERAL

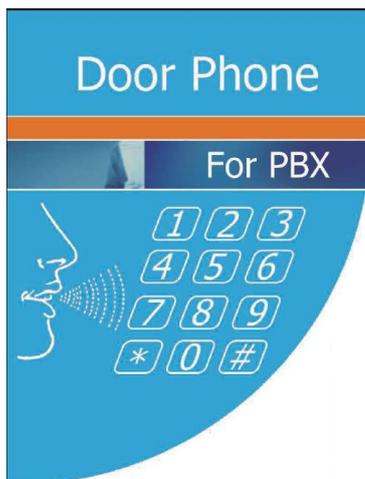
- Operating conditions:
 - > Temperature: -20 to +50°C
 - > Humidity: 10% / 80% at 30°C
- Basic function powered from telephone line
- Power supply 12-24V DC, 10-15V AC
- Power consumption: max 250mA
- Protection rating: IP44

Telephone line

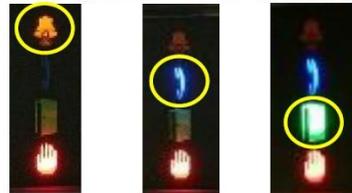
- Impedance: 220R+820R//115nF (600ohm)
- Voltage of line: 20V-60V
- Current of line: 20mA-60mA
- Dial: tone (DTMF) / pulse

Other

- Max. voltage of relay: 48V
- Max. current of relay: 1,5A
- Board heating: 1,5W with temp. regulation



1. ringing 2. active call 3. door open



0. doorphone is active



Vario
Bell
Door
Entry

