



# DOOR PHONE SYSTEMS

# AA-22 / AA-24

The **AA-2X** series door-phone PBX interface is designed to manage the external gate through an analog extension of the PBX or an analog PSTN line.

When a visitor pushes on the doorbell, the unit makes a call to a programmable PBX extension; who answers the call can speak with the visitor, at the doorbell, and then open the door with a DTMF command and **relay on board**.

Many commands can be sent through DTMF such as: start voice communication with the external doorbell, electric door or gate opening.

A secret combination of button can also be programmed to open the door.

The device parameters can be programmed through the phone line via DTMF and by a PC through **USB port**.



LINKED TO THE BPX INTERNAL EXTENSION

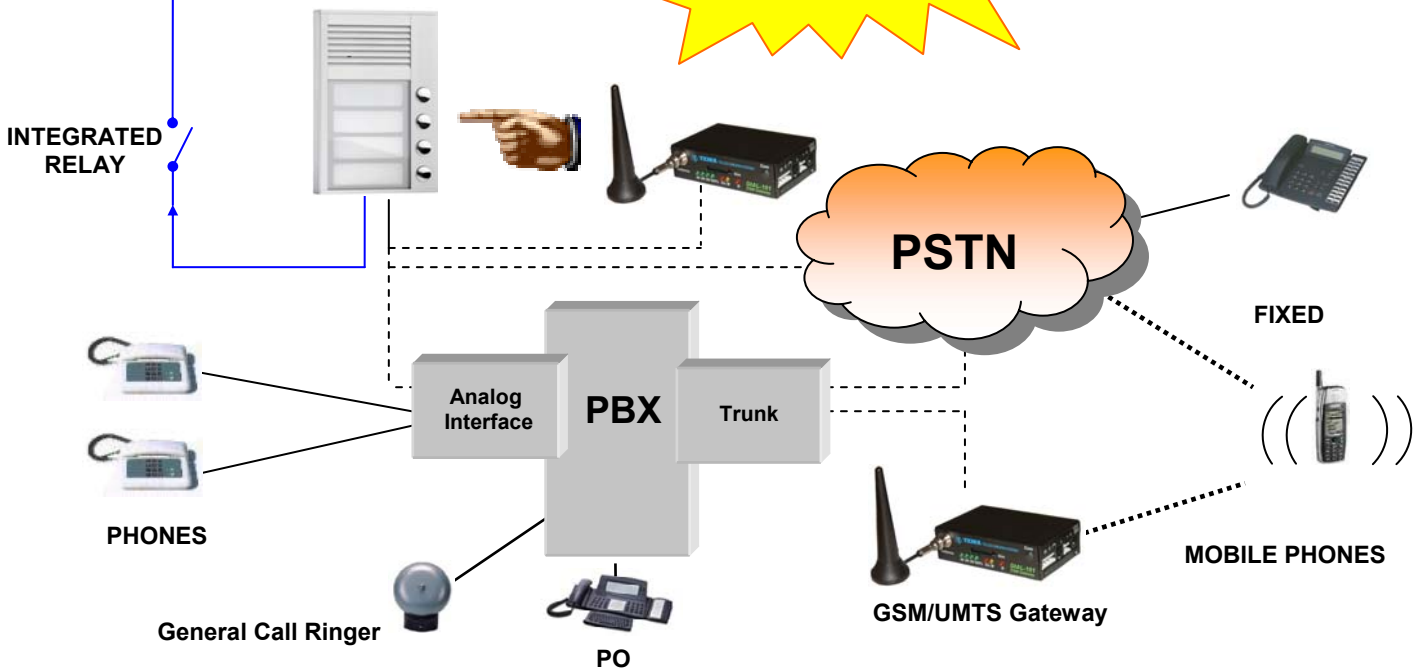
## 2 BUTTONS



## 4 BUTTONS



System powered by the Line. External power supply only for relay control





## Main Features:

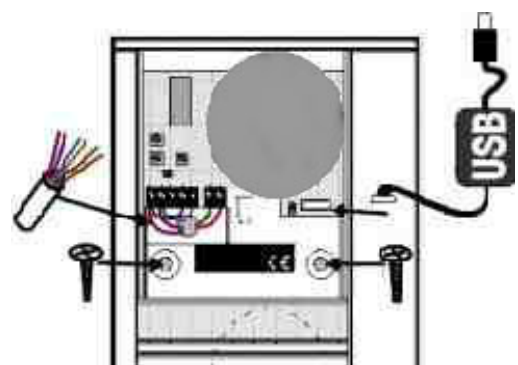
- External door phone interface unit with FXS port for PBXs or an analog PSTN line
- Very slim module suitable for surface mounting
- 2 or 4 buttons models
- Integrated heating for winter time to improve reliability (require external power supply)
- Voice communication powered only from analog telephone line (no drive door opening service)
- Call prolongation by dial \* or # during conversation
- Common DAY / NIGHT mode or GROUP mode
- Pulse and tone (DTMF) dial modes
- Up to 16 digits number saved under each button (including \*, #, FLASH and PAUSE)
- Hang conversation and door opening from the user phone by DTMF command
- Electric lock drive (require external power supply)
- Up to 3 different passwords for door opening: external user could “compose” a particular buttons code sequence to open the door
- Two different modes of relay activation (door lock, external bell)
- Permanent name sign backlight (require external power)
- Acoustic tone signalling for all operation in progress
- Programmable by DTMF tone (via phone call) and by PC using USB port

## Technical Specifications:

- ▶ *Current/Min. Line power: 18V - 18mA*
- ▶ *Band Length: 300 – 3400 MHz*
- ▶ *Working Temperature: -20°; +50°*
- ▶ *Power Supply: From extension (optional 12V<sub>DC</sub>/V<sub>AC</sub>, 300mA max necessary for heating regulation and for Backlight)*
- ▶ *Relay: up to 48V for less than 1A current; 2A for less than 30V*
- ▶ *Dimension: 104x153x16mm*
- ▶ *Case: Aluminum, Elox and Plexiglas*



Setup Software



The manufacturer reserves the right to change product characteristics without notice



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