



Technology, Reliability and Flexibility

Secure Solutions for Communications and Access Control

AA-502 manages an access, external or internal, through a PBX internal extension connection. The base system comes with 2 buttons for 2 calls to different numbers and it is not expandable.

Manufacture

Satin Aluminum with elegant and modern design, weather-resistant with internal anti-humidity heating. The circuit boards are protected with "Conformal Coating" paint against humidity and dust. The front screws in a special vandal proof footprint ensure an high safety.

Installation, controls, inputs

Wall mounting with Plexiglass or Aluminium rain cover (optional). 2 integrated relays for door openers, barriers, turning on lights or other drives and services.

Programming

The system programming is done by calling the Doorphone and operating with DTMF tones in a simple and widely documented way for all the configurable parameters. The T1X-PROKIT2 Kit and AA-WIN software (optional) allows the remote programming of AA-502 via PC (useful in case of installation of more devices).

Pre-recorded voice messages

AA-502 can be equipped with pre-recorded messages for voice alerts to the visitor and/or the internal operator (Option). Auto-reply feature with programmable time.

Power Supply

The Analog versions of Doorphones does not require the 220V power supply only for voice communication functions because the power is directly taken from the PBX telephone line, the optional power adapter is needed in case there is the necessity to activate the internal relay to open a door or to illuminate the labels holder or the internal heating circuits.

Audio Amplification

For sound amplifying of large environments are available speakers and DIN rail modules 30W amplifiers.

Benefits

- ◆ Ideal system for remote access control
- ◆ 2 buttons for 2 calls to different numbers
- ◆ Connection to a PBX internal analog extension
- ◆ Powered directly from the telephone line (audio only)
- ◆ Handsfree talking, High Audio Quality
- ◆ Access codes with sequence programmable buttons
- ◆ 2 integrated relays for door opening
- ◆ Availability of 30W DIN Audio Amplifiers modules and Loudspeakers/Horns of various power
- ◆ Cyclic call to numbers in memory
- ◆ LED for active call signaling
- ◆ Programmable Time/Rings Auto Answer
- ◆ Disconnection with reorder PBX standard tone
- ◆ Audio messages informations to the caller/called
- ◆ Calls redirection via GSM with all TEMA Analog FXS GSM/UMTS Gateways
- ◆ Satin aluminum case
- ◆ Protection of the electronic boards with "Conformal Coating" paint against humidity and dust
- ◆ Closures with special vandal proof screws
- ◆ Wall mounting without need for masonry work
- ◆ Wide range of accessories for every need
- ◆ Remote programming with DTMF tones with a phone call
- ◆ Remote programming from PC with hardware kit T1X-PROKIT2 and AA-WIN software
- ◆ Products entirely developed and manufactured in Italy
- ◆ Tested with most popular PBXs brands on the market
- ◆ 2 years warranty

Applications, Target

- ◆ Companies, Offices, Factories, Industries
- ◆ Hospitals, Schools, Campus, Communities
- ◆ Warehouses, Supermarkets, Shopping Centers
- ◆ Parking, Garage, Barriers
- ◆ Access controls and Alerting and Emergency systems
- ◆ Railway Stations, Airports, Ports, Prisons
- ◆ SOS and Emergency systems




Technical Specifications

Call buttons:	2 aluminium buttons
Grade of protection:	IP54 (with system properly installed)
Closures:	2 steel screws with vandal proof footprint
Label holder:	Led backlight
Heating circuit:	electronic, internal
Operating modes:	Day/Night
Duration of recorded messages:	16sec std (16 min. opt.)
Audio:	1,3W + other external speaker 1,3W-8 Ohm
Auto answer:	programmable time
Line disconnection:	with reorder tone
Talking:	handsfree
Power Supply (only communication):	from telephone line
External Power Supply (Opt.):	AA-39AL 220Vac/12Vac-1,5A
Power consumption:	max 1,0A
Telephone line voltage:	24-72 Vdc
Call voltage (Ring):	from 20V to 120Vrms
Digits dialing:	DTMF and pulse
Audio Bandwidth:	300 – 3400Hz
Audio sound pressure:	89dB (1KHz @ 1 meter)
Microphone:	electret omnidirectional for max distance 8m
Operating indicators:	front Led and Tones
Programming:	DTMF tones with password
Capacity of the 2 internal relays:	max 30Vdc – 1,5A
Housing material:	satin aluminium with ABS inserts
Operating temperature:	from -20° to +55°C
Storage temperature:	from -20° to +65°C
Umidity:	up to 95% non-condensing
Installation:	wall mounting
External dimensions:	L100xH156xD45mm
Weight:	390 gr

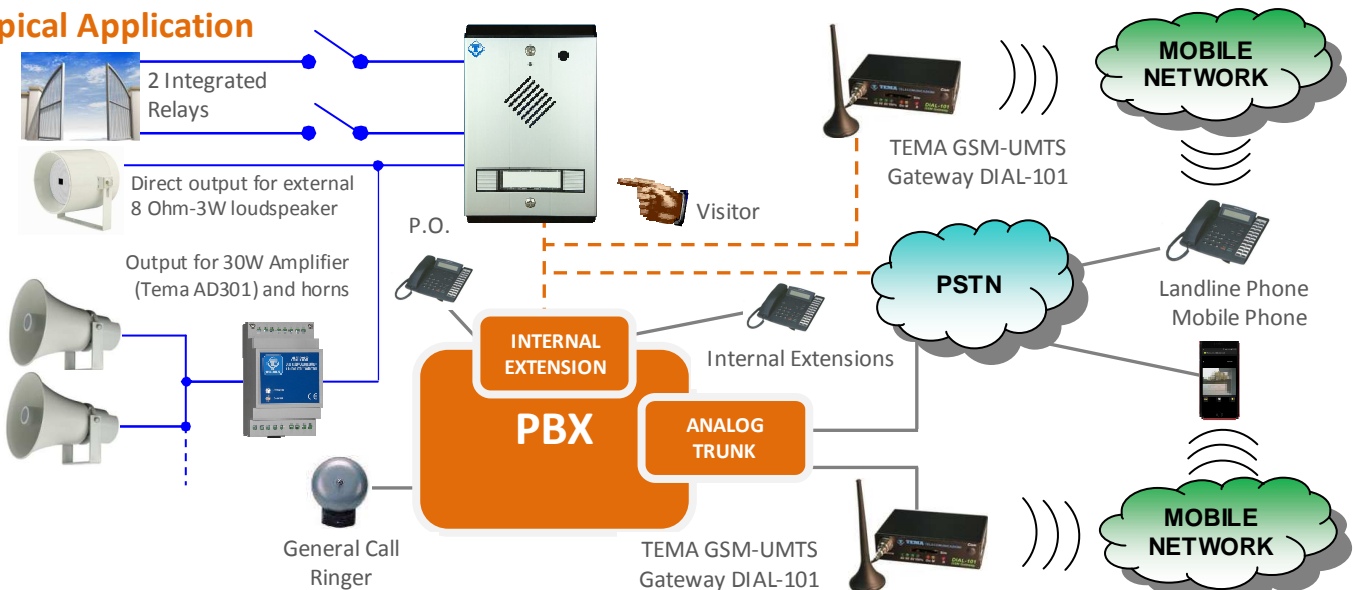
Products

-  **AA-502** 2 buttons base system
- Optionals**
-  **AA-39AL** 220Vac/12Vac-1,5A Power Supply
-  **AA-39AL1** 220Vac/2x12Vac-15VA Power Supply in standard DIN rail housing
-  **AA-38** Plexiglas Rain Shield
-  **AA-519-T1** Aluminium Rain Shield
-  **AA-509/..** ABS closures available in colors Grey, Black, Red, Yellow
-  **AA-595** Audio voice messages option 16m

Other products from "Smart Surface" family

-  **AA-504** 4 buttons system expandable
-  **AA-505** 4 buttons system with integrated Vandal-Proof keyboard
- System equivalent to AA-504 with integrated Vandal-Proof keyboard*
-  **AA-506** 4 buttons system with integrated Vandal-Proof keyboard and RFID Reader for Smart Card and Tag
- System equivalent to AA-504 with integrated Vandal-Proof keyboard and RFID reader*

Typical Application



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