



**Analog Cityline door entry phone – compatibility with  
any PBX**

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## FEATURES

- Modular system which can be connected to any analog PSTN line or any analog extension line of a PBX
- Powered from the telephone line
- IP66 water-proof pushbuttons with gold-plated contacts
- More robust, luxurious and of greater esthetic and functional quality
- Highly weather resistant anodized aluminium profile
- Scalable system from 1 to 64 direct-dial pushbuttons (modular Skyline version)
- Optional integrated keypad working as a dial keypad or a codelock (modular Skyline version)
- Each pushbutton can have two 25-digit numbers programmed
- 2 relays for opening 2 electrical locks of the door
- Codelock function also via pushbuttons, up to 6 passwords
- Easy installation both outdoors and indoors
- Programming via PC or remote control via DTMF dialling
- DECT GAP external unit for control via DECT wireless phones
- Integrated heating of the main PCB board
- Possibility to switch off illumination of visit cards
- Cityline door entry analog phone can be connected via an optional, external DECT BOX GAP to any DECT GAP base station
- Integrated expansion C module on the main PCB electronics board
- Up to 10 pushbuttons without any expansion C module
- USB connection to PC – Windows based SW for easy programming of parameters
- Compatible with all types of PBXs
- Day/Night mode automatic switching
- Flash / Pause / Tone settings
- Pulse / Tone (DTMF) dialling
- Grounding for better anti-static protection



## Reference numbers of selected basic and expansion panels



1AP201

1AP201 – analog communication panel with a loudspeaker, powered from the line or by 12V, mic and 1 doublepushbutton with a codelock function.



1P203

1P203 – expansion panel with 3 doublepushbuttons. Installation box excluded. Gold-plated contacts, IP66 waterproof pushbuttons.



1P204

1P204 – expansion panel with 4 doublepushbuttons. Installation box excluded. Gold-plated contacts, IP66 waterproof pushbuttons.



1VP201

1VP201 – expansion panel with 1 doublepushbutton. Window hole for optional ref. F7444. Installation box excluded. Gold-plated contacts, IP66 waterproof pushbuttons.



1V

1V – expansion panel with window hole for optional ref. F7444. Installation box excluded.



### Technical parameters

Electrical parameters	Value	Conditions
Minimum line current	18mA	line answered
Minimum line voltage	18V	line hang up
Voltage on line while door entry panel answers (VA characteristics)	< 8V < 12V	I = 20mA I = 60 mA
Leakage in hang up status	< 50uA	U = 60V
Impedance of line termination	130R + 820R paral. 220n	line answered
Band width	300Hz – 3400 Hz	20 - 60mA
Impedance of ringing	> 2Kohm	25 – 60 Hz
Sensitivity of ringing detector	min. 10 – 25 V	
Pulse choice	40 / 60 ms	
Tone choice level	4 and 6 dB	20 – 60 mA
Tone choice sensitivity	40 dB	20 – 60 mA
Sensitivity of tone detector	30 dB	20 – 60 mA
Power supply of lighting through, switches and heating	12VDC ± 2V , 10-12VAC ± 2V	
Max. consumption of lighting through and heating	300mA	12VDC
Max. voltage of switch contact	48V	at I < 1A
Max. current of switch contact	2A	at U < 30 V
Operational temperature	- 20°C to + 50°C	

### Mechanical dimensions in mm of series 1

Panel	Flush mounted installation box	Surface mounted installation box	Weather protection hoods
valid for dimensions of all ref numbers of all panels with height 1 (series 1)	ref. F08843	ref. F7061	for one panel – ref. F8400
130(w)x128(h)	115(w)x114(h)x45(d)	130(w)x114(h)x33(d)	135(w)x130(h)
			for two panels – ref. 8408
			265(w)x130(d)