



INSPIRO 2+ Outside unit with code lock and RFID reader

Inspiro+ is a new solution suitable for even largest investment projects in the apartment building construction industry. The number of operated apartments has been extended from 255 up to 1020, and panels have been equipped with functions facilitating both installation and everyday use. Optionally, solutions for the disabled are also available. Similarly to Inspiro, as a standard, they come with code locks and individually backlit buttons. The same tried-and-tested, minimalist and elegant design perfectly matching all building façades has remained unchanged.

Index	INSPIRO 2+ INSPIRO 2S+ (Slave)
Description	Outside unit with code lock and RFID reader
Material	Flat, 2 mm thick front panel and brushed stainless steel buttons
Modules	Code lock – individual 4 digit code for every apartment ACC – integrated with the bottom description place RFID reader Unique 125 kHz
Display	LCD (heated)
Max. number of subscribers	1020 apartments
Mounting	Flush Surface with additional backbox INS-P-M NT
Dimensions (mm)	Panel 111×290 Flush mount back box 92x271x31,5
Installation type	Digital: 2 wires
Line length	Max. 1000m
Power supply	12V ± 0,5V AC
Stand-by power consumption	~ 1,2W
Outputs	2 x złącza śrubowe „ELOCK”: – połączenie elektrozaczepu tradycyjnego (max. 1A) lub rewersyjnego (max.0,5A) lub modułu przekaźnika CDN-PK (max. 5A) 2 x złącza śrubowe – połączenie sygnału audio: „LINE+” i „LINE- (GND)” 2 x złącza śrubowe – połączenie drugiego wyjścia przekaźnikowego (OUTPUT): „N” i „NO” (max. 2A,30VDC) – tylko Master
Inputs	4 x screw connectors: -power supply connection: fixed “+DC” and “GND” 1 x “INPUT” screw connector: -connection of NO button – activated after shorting to system GND. E.g. external opening button 1 x screw connector: -connecting audio signal from upstream panel (Master Line): “ML+” (Slave only) 2 x “EXTMOD” socket for optional modules
Features for disabled	– backlit keypad buttons optionally with Braille language

- acoustic and optical signal of working panel
 - automatic and remote (using a button) door opening without connection.
- Additional acoustic or light incoming call signal (CDN-U)

Attributes

- weather-resistant and vandal-proof
- possibility to set a 6-digit apartment number
- 4 different code tables
- available codes: 1020 apartment codes (4 digits), 5 administrator codes (4 or 6 digits), 1 installer code (8 digits)
- programmable entry on the main display (max. 30 characters)
- operates up to 6144 keyfobs
- any number of keyfobs assigned to each apartment (out of 6144 available keyfobs)
- any number of administrator and installer access keyfobs
- adjustable max. conversation time (40 – 120 seconds)
- connects to different extension modules that extend system functionality
- operates multi-input Master/Slave/Multimaster systems
- opening e-locks or additional relay outputs without a call (CDN-I/O)
- home automation system: control over external devices like gates, barriers, lights or blind rollers using a code lock, keyfob or inside unit Functions also available without an active connection:
 - gate opening – a triple key or
 - external device control (CDN-I/O module) – triple key
 - enabling/disabling access to external equipment control separately for each apartment
- connects numerous inside units under the same number
- extensive customisation of settings for each apartment
- intuitive and convenient operation and configuration
- option for collective modification of the call number range
- option for collective modification of call numbers
- possibility to set up to 8 numbers with a doorbell without call option
- auto-opening function for each apartment
- corridor opening
- doorman calling
- possibility to enter any (max. 6-character) text on the display during doorkeeper call re-routing
- adjustable number of door opening actions during a conversation (1 – 3)
- compatible with different e-lock and magnetic lock types
- 8 additional priority numbers with customisable calling parameter settings
- device serial number displayed in software
- call re-routing for additional numbers
- call re-routing always active for basic (passive) receivers (INS-UP720B/M, INS-UP)
- possibility to disable call re-routing for “active” inside units (INS-UP720MR, UP800, INS-MP7, INS-MPR)
- programming via a computer without external power supply
- programming via an outside unit or computer with a USB cable
- free software available in the “Download” tab
- compatible with all digital devices from the CDN, Inspiro and Familio P/PV ranges