ergo

Multifunction LCD Keypad
KSI2100000.300

MAIN FUNCTIONS

ergo™ is a very **advanced LCD Keypad** carefully developed with the objective to capture a modern, minimalist and discreet style and an **extremely slim profile** (less than ½ inch**.**), which allows it to be positioned in any interior architecture thus expressing a new feeling of design, prestige and innovation.

Thanks to the "CapSense" Technology, here you won't see any of the ugly mechanical parts (like as membranes, buttons, plastic cover, etc.) which are typically available in other products and that are often the ideal dust location and the source of bad contacts. In the case of **ergo™** the front is completely smooth and all desired functions can be implemented by simply touching upon the surface in the areas shown by the graphic (letters, symbols, circular-scroll mouse) in a very simple and rational manner. All available functions, as detailed below, are really many and surprising.

It can be customized in the 4 different Ksenia colors (White, Black, Red and metallized Grey), simply by removing the transparent cover and interchanging the internal cover (Lexan) with one of those included in the package envelope, such operation is meant to be so easy and safe that can be done by the end-user at any time and without risks.

Moreover, with no need of additional parts, it can be "flush-mounted" taking advantage of any std. box Din 503, or just as it is on any wall (with no need of additional parts) or if desired even the desk-solution can be chosen thanks to the included stylish sustainer parts.

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TECHNICAL DATA

- LCD Display 16x2 (visible area 61 x 16mm)
- "Capacitive Sensing" Technology (no mechanical press-buttons)
- Circular Scroll : quick menu access
- Available in 4 different colors
- Integrated Microphone and Speaker for recording and remote listening
- RFID/ NFC Proximity Reader
- "Fast Addressing System": no need to pre-set the device address (automatic recognition from the Control Panel/GSM Communicator)
- Power supply: 13,8Vdc
- Consumption: 15mA standby, 400mA max
- Nr. 2 programmable terminals as inputs (e.g. for zones, contacts), or as Open Collector outputs (500mA max.)
- 1 supply output for external devices (0,5 A max)
- Plug & Play BUS for Supply & Communication purposes
- RFID/NFC 13.56 MHz (max. distance 2 cm.)
- Operating temperature range: 5 - 40°C
- Overall Dimensions: 105 x 145 x 25 mm
- Weight: 180 gr

FUNCTIONS

- Display of system status
- Display of functioning parameters (date/time, active GSM network, GSM level, etc)
- System commands (complete or partial arming, reset, activation of outputs terminals, phone calls, etc.)
- Full Programming of system parameters
- Programming of local parameters (audio volume, backlight levels)
- KP functionality exclusion for front cleaning purposes
- Remote Listening
- Vocal messages recording
- RFID/NFC Tag reading to arm and disarm the intrusion detection systems set up with the *lares* devices.

HOW TO PROGRAM

The **ergo** keypad has been conceived not only to be linked to a Ksenia Intrusion Control Panel, but even to the Universal GSM/GPRS Communicator gemino, since, differently to other similar devices, it works also as **"programming unit"** , making the installer's life much easier by avoiding the need of having a PC with for the Communicator programming.
As a matter of fact, all gemino's programming and managing functions can be executed directly from the **ergo** Keypad, regardless from the fact that the Communicator is meant to work as stand-alone or integrated into a Ksenia Control Panel.

Therefore **ergo** is in a position to program the entire system or just to modify specific data at any time of the system life, like as for example phone numbers, email addresses, SMSs, etc.

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HOW TO ORDER
Ksenia Finished Product
KSI2100000.300

PARTS INCLUDED

PRODUCT CODE	NUMBER	DESCRIPTION
KSI2100000.300	1	LCD Keypad **ergo** (back, PCBA, front-cover)
	1	Sustainers (2 parts) for desk-mounting
	4	4 interchangeable Lexans (White, Black, Red and metallized Grey)
	2	2 screws for flush-mounting into DIN503 Boxes
	1	Quick Reference Guide in IT/EN/FR

OPTIONALS

PRODUCT CODE	NUMBER	DESCRIPTION
KSI7500000.000	1	kit 1,5 m. cable for GSM/GPRS programming

CERTIFICATIONS

REGION	CERTIFICATIONS
Europa	CE R&TTE1995/5/CE
Italy	EN 50131-1 EN 50131-3 GRADE 3 – CLASS II

ENVIRONMENTAL CARE

ergo has been specifically designed and manufactured for the environment as follows:

- No PVC
- Halogen free laminates and lead-free PCBA
- Low consumption
- LCD Display without mercury
- Arsenic-free glass
- Packaging realized mainly with recicled fibers and materials

we care

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