

# INT-KWRL-BSB

## WIRELESS LCD KEYPAD FOR INTEGRA CONTROL PANELS

The **INT-KWRL** wireless keypad enables operation and programming of the **INTEGRA** control panels. It is designed to work as part of the **ABAX** two-way wireless system. INT-KWRL offers full functionality known from the wired keypads. In addition, it has a built-in proximity card / proximity tag reader. Thanks to this functionality you can operate the system without having to remember the password. With these passive transponders it is possible to set the alarm system to the full arm mode, disarm the system, and also clear the alarm.

High-performance batteries used in the INT-KWRL keypad allow continuous operation of the device for up to 3 years. Such efficiency has been made possible by using, among other things, a separate battery for backlight of the display and keys. To further reduce power consumption, you can disable the proximity card reader (for example, where proximity cards are not to be used to operate the alarm system). This device has been designed for the users who prefer a traditional alarm system user interface, but at the same time expect attractive design solutions. An additional advantage of the wireless keypad is its great flexibility with regard to the installation location, as there are no restrictions here connected with laying the cables.



- supported by **INTEGRA** and **INTEGRA Plus** (firmware 1.17 or later) control panels
- **ACU-120** or **ACU-270** controller is required to connect to the control panel
- full functionality, equivalent to wired LCD keypads
- two-way encrypted radio communication in the 868 MHz band
- operating range in open area:
  - up to 800 m in connection with ACU-120
  - up to 400 m in connection with ACU-270
- built-in reader of passive transponders: proximity cards and proximity tags
- PANIC, FIRE, AUX alarms triggered from the keypad
- audible signaling of selected events in the system (piezoelectric transducer)
- two operating modes: active/inactive
- wake-up option
- configuration via:
  - **DLOADX** program (version 1.17.001 or later)
  - keypad running in service mode
- large, easy-to-read LCD display
- display language according to the control panel language version
- LEDs for indication of partition / system status
- white backlight of display and keys
- tamper switch triggered by opening of the enclosure and removal from mounting
- enclosure for quick and easy installation
- power supply: two CR123A 3 V batteries

## TECHNICAL DATA

|                                                                 |                   |
|-----------------------------------------------------------------|-------------------|
| Enclosure dimensions                                            | 145 x 143 x 25 mm |
| Operating temperature range                                     | -10°C...+55°C     |
| Weight                                                          | 374 g             |
| Maximum humidity                                                | 93±3%             |
| Operating frequency band                                        | 868,0 ÷ 868,6 MHz |
| Battery                                                         | 2 x CR123A 3V     |
| Environmental class according to EN50130-5                      | II                |
| Standby current consumption, BT1 battery                        | 5 µA              |
| Maximum current consumption, BT1 battery                        | 50 mA             |
| Standby current consumption, BT2 battery                        | 1 µA              |
| Maximum current consumption, BT2 battery (card reader disabled) | 45 mA             |
| Maximum current consumption, BT2 battery (card reader enabled)  | 90 mA             |
| Radio communication range (in open area) for ACU-120            | 800 m             |
| Radio communication range (in open area) for ACU-270            | 400 m             |