

# APB-200

## WIRELESS PANIC BUTTON

**APB-200** is a wireless panic button used to trigger a panic alarm or call for help. It can also be used to control various devices (e.g. automation or access control system devices). It is designed to work within a two-way wireless **ABAX 2** system.

**APB-200** is controlled by:

- **ACU-220/ACU-280** controller
- **BE WAVE Hybrid** control panels
- **BE WAVE Smart HUB** controllers
- **ARU-200** signal repeater
  
- encrypted two-way radio communication in the 868 MHz frequency band (AES standard)
- diversification of transmission channels – 4 channels allow automatic selection of one that guarantees transmission without interference with other signals in the 868 MHz frequency band
- remote button firmware update
- remote configuration
- ECO option enabling extension of battery life
- battery status check
- LED for easy button testing
- tamper protection against opening the enclosure and against detaching it from its mounting surface



## TECHNICAL DATA

|  |                   |
|--|-------------------|
| Battery working time (in years)                      | up to 2           |
| Operating temperature range                          | -10°C...+55°C     |
| Max. current consumption                             | 18 mA             |
| Weight   | 73 g              |
| Maximum humidity                                     | 93±3%             |
| Operating frequency band                             | 868,0 ÷ 868,6 MHz |
| Battery  | CR14250 3V        |
| Standby current consumption                          | 55 µA             |
| Dimensions   | ø97 x 29 mm       |
| Radio communication range (in open area) for ACU-220 | up to 2000 m      |
| Radio communication range (in open area) for ACU-280 | up to 1200 m      |
| Low battery notification voltage                     | 2,75 V            |

