

## Radio module DI-04



DI-04 is a miniature module designed to work with Pandora alarm systems. All control commands are programmed by the security system settings and transmitted over the radio using a protected Bluetooth protocol.

The relays "R1/2/3/4/5" are five programmed built-in relays with NO set of contacts. Maximum switching current of the relays contacts is 1A (for long time period) and 2A (for switching circuits without inductive load component). "VKEY" channel is a programmed output channel (3.3V) designed for power supply of an active transponder key.

### The version of the Bluetooth modem firmware of the system must be 2.07 or higher to support the DI-04 module:

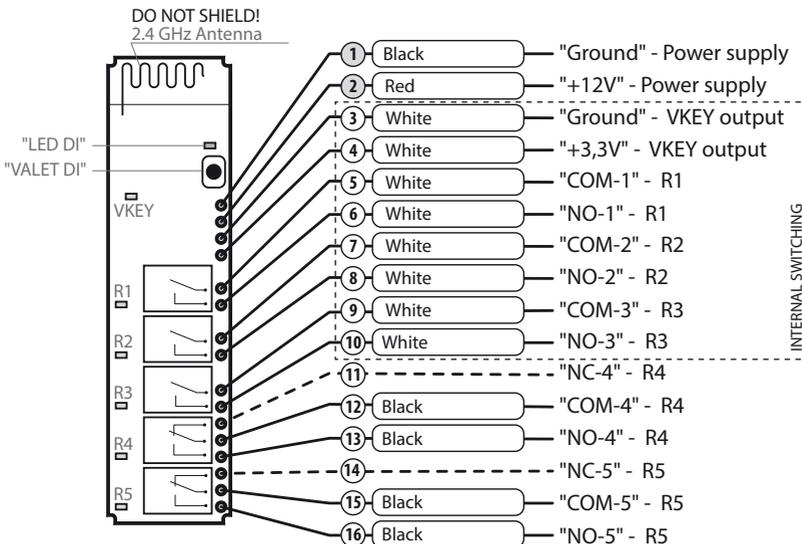
Pandora Light Pro (DXL 1090L), Pandora Smart (DXL 1840L), Pandora Smart Pro (DXL 1920L/1930L), Pandora Mini (DXL 0110L)

### Programming:

1. Connect the module power supply.
2. Enter the programming level 27 of the system programming menu.
3. Press and hold the "VALET DI" button for 6 seconds (6 flashes of the "LED DI": Release the button after the sixth flash.
4. A siren of the system base unit will confirm the recording of the module in the system memory by a sound signal, save the setting by pressing the system VALET button.
5. Use the Pandora AlarmStudio application to assign the logic of the built-in radio relays ("CH BLE-R1/2/3/4/5") and the "VKEY" channel in the "Output settings" or "Time channels" settings.

### Specification

Voltage of the module power supply:	+12V
Current consumption of the module:	0.5 mA
2.4 GHz radio protocol:	Bluetooth 4.2 LowEnergy
Switching current of the built-in relays:	min 10mA, max 2A
Operation temperatures:	-40C <sup>0</sup> - +85C <sup>0</sup>
Dimensions:	75X45X23mm



### WARNING!

The relay must be installed in the places that exclude mechanical damage and ingress of corrosive liquids and water. Do not shield the built-in antenna!

