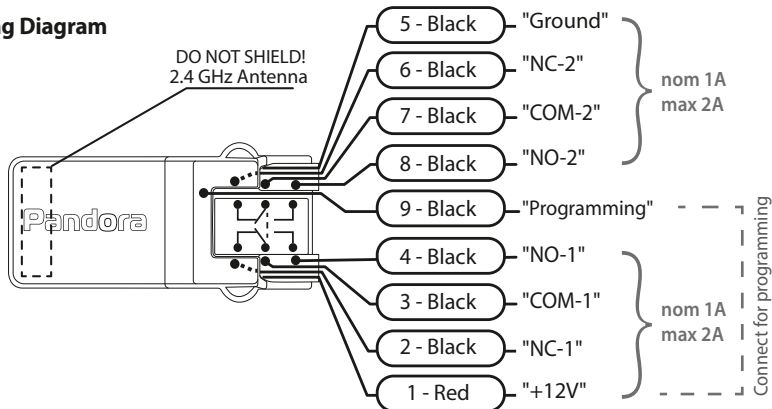


Pandora

BT-01 Wiring Diagram



Radio relay BT-01

BT-01 is a miniature electromechanical relay 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 built-in relay has double full set of contacts, which operate synchronously. Maximum switching current is 1A (for long time period) and 2A (for switching circuits without inductive load component).

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.

Specification

Voltage of the relay power supply	+12V
Current consumption of the relay:	0.5 mA
2.4 GHz radio protocol:	Bluetooth 4.2 LowEnergy
Switching current of the built-in relay:	min 10mA, max 2A
Operating temperatures:	from - 40 C° to + 85 C°
Dimensions:	32x16x9 mm

Programming:

1. Enter the programming level 27 of the system programming menu.
2. Connect the wire "5 – black" to the "Ground" of a car.
3. Connect the wire "9 – black" with the wire "1 – red" and apply "+12V" to these wires. A siren of the system base unit will confirm the recording of the radio relay in the system memory by a sound signal, save the setting by pressing the VALET button.
4. Disconnect the wire "9 – black" and insulate it. Connect the wire "1 – red" to a reliable +12V power supply.
5. Use the Pandora AlarmStudio application to assign the logic of the radio relay ("CH BLE-R1") in the "Output settings" or "Time channels" settings.

The version of the Bluetooth modem firmware of the system must be 2.07 or higher to support the radio relay: Pandora Light Pro (DXL 1090L), Pandora Smart (DXL 1840L), Pandora Smart Pro (DXL 1920L/1930L), Pandora Mini (DXL 0110L).

v 2.0



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