Rev. 2

AirDot wireless comfort function button

Installation and Configuration Guide



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2. AirDot characteristics:

Parameter	Value
Receiver power supply / Remote control power supply	12 VDC (-V, +V) directly from controller socket / 2 × CR2016 battery
Operating frequency	433 MHz
Transmission range	up to 100 m (open space)
Operating temperature	min. -40 °C, max. 80 °C
Output terminals (relay) / Contact load	screw terminals: NO, NC, COM / max. 10 A
Receiver control / status indication	1 × button / 1 × LED
Receiver dimensions	40 × 40 × 20 mm
Remote control dimensions	50 × 50 × 13 mm

3. Warranty and Installation Warning:



The installation and connection of the AirDot relay to the ventilation unit's control board must be performed exclusively by a qualified professional. By carrying out this work independently or utilizing unqualified personnel, you assume full responsibility for any potential damage to the equipment. Any damage to the control board or other components resulting from incorrect electrical connections will irrevocably void the manufacturer's warranty, and all associated repair costs will be the sole responsibility of the equipment owner.

4. AirDot Relay cable selection:

4.1. Cable selection:

For relay communication and control, we recommend using, shielded LIYY 4x0.14 mm²

If you have any questions or need help choosing a cable, please feel free to contact us info@oxygen.lt.

5. AirDot relay wiring

5.1. Cable preparation:

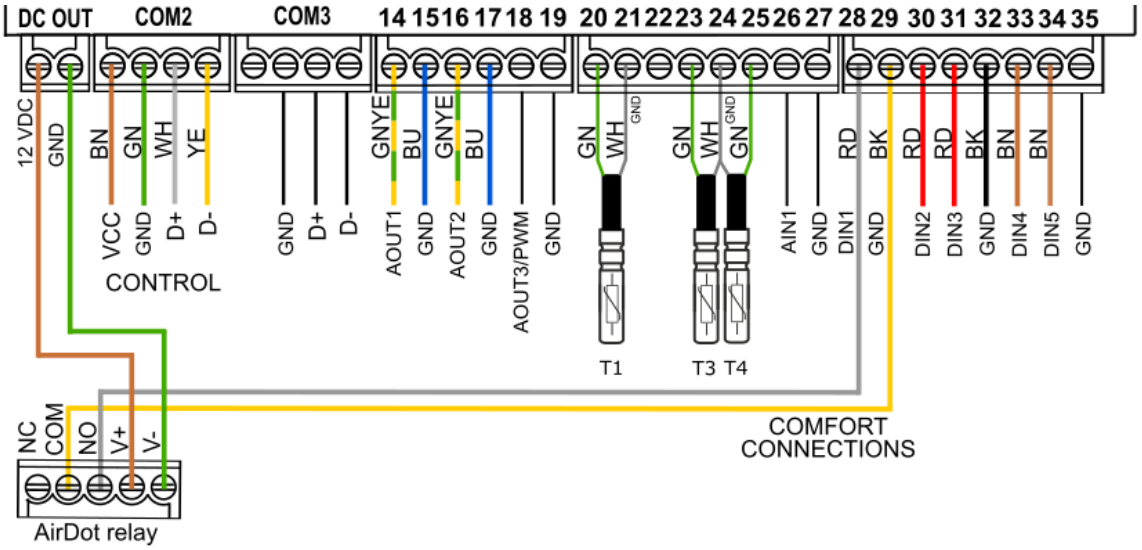
For multicore wires, it is necessary to use Insulated bootlace ferrule.



Bolt clamping force – 1.2Nm

5.2. Connecting the wires to the Controller bord and relay:

First, we connect the cable to the board as shown in the photo:



If you have chosen the cable we recommend:

- 12VDC – Brown,
- GND – Green,
- GND – Yellow,
- DIN1 – White.

NOTE: Connect the cable shield to **GND at only one end**, near the **12 VDC terminal**. Do not connect the shield at both ends, as this will reduce its effectiveness.

5.3. Connecting the cable to the AirDot relay:

Then we connect the relay:

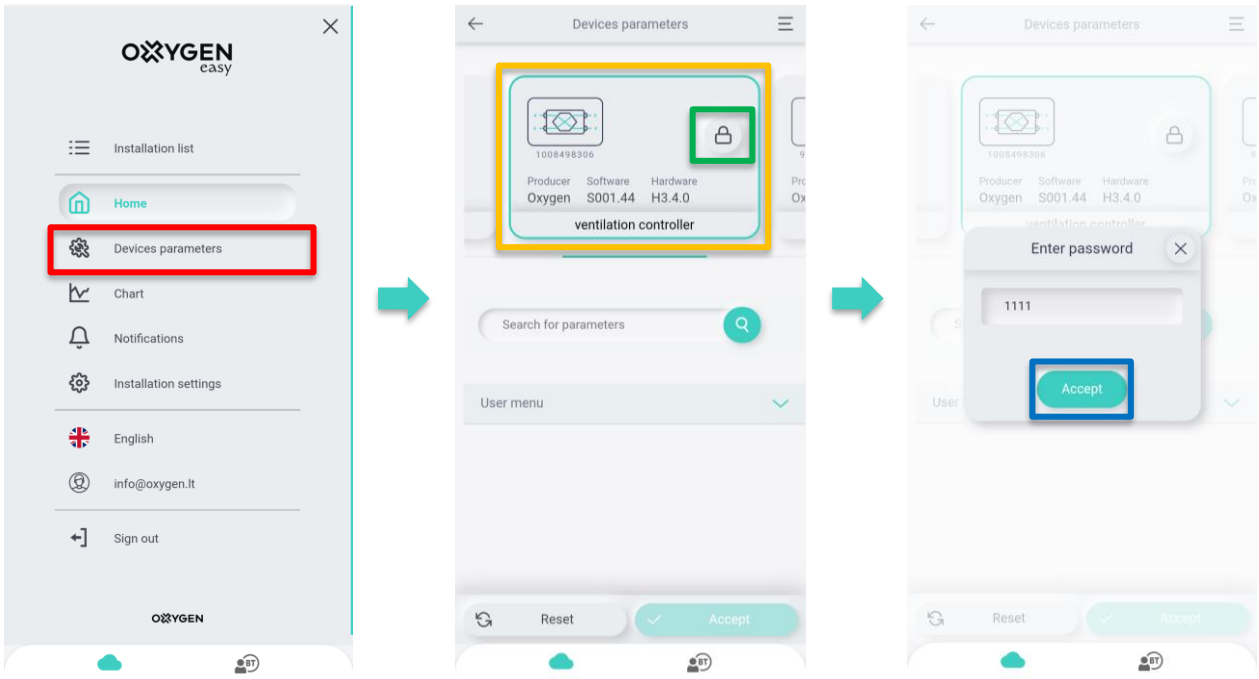
- V+ – Brown,
- V- – Green,
- COM – Yellow,
- NO – White.

6. Configuring the AirDot relay:

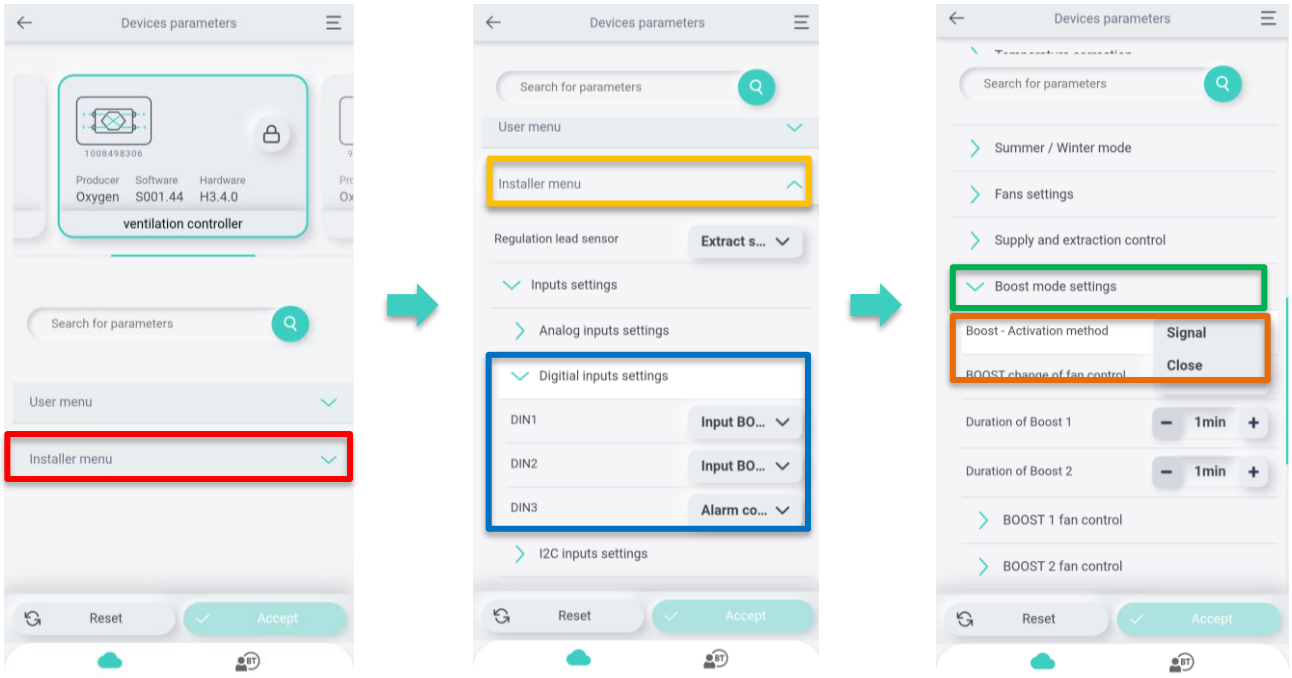
After connecting the relay to the motherboard, it is necessary to perform configuration to ensure that the **AirDot relay** operates properly.

6.1. Configuration work

First, we go to **"Devices parameters"**, then we select **"ventilation controller"** and click on the **lock symbol** and enter the password **"1111"** and press **"Accept"**.



After entering the password, you should see **"Installer menu"**, we expand the menus and go to **"Inputs settings"**, we expand **"Digital inputs settings"** and Select the DIN input that you want to activate as **BOOST mode**. Then scroll to the bottom, expand **"Boost Mode Settings"** and go to **"Boost – Activation Method"** Change the setting from "Close" to **"Signal"**.



After completing the final configuration step and pressing AirDot, BOOST function will be activated.

An additional option will appear after changing the activation method from **“Close”** to **“Signal”**. This will allow you to adjust the BOOST function timer. In this section, you can also change the fan speed settings, the same as in the User Menu.

7. QUALITY ASSURANCE

We strive to ensure that our documentation is accurate and clear. If you notice any errors or discrepancies while reading it, please report it by email help@oxygen.lt

Your feedback is extremely valuable because it helps us to continuously improve our work and provide higher quality products and services.

Thank you for your help!