

User manual – multifunction remote control and mobile application

General information

1. The information contained in the content is current as of the date of development.
2. The manufacturer is juzjade.pl Sp. z o. o. with subcontractors.
3. Before using this manual, the user must read and follow all instructions contained therein. If the information contained in the user manual is not fully understood, please contact the Manufacturer for assistance.

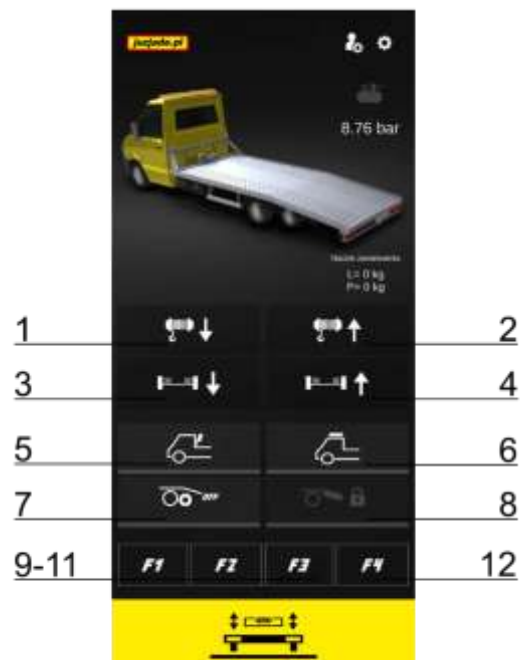
General description of functionality

The multifunction remote control together with the mobile application are designed for remote control of various actuators of our body, such as a winch, air suspension or additional and warning lighting.

The control panel is usually located under the driver's seat inside the vehicle, unless the car structure requires a different installation. It is protected by a fuse, so if the remote control/control panel does not work, the fuse should be checked first.

The levelling centre is usually located under the vehicle or also under the driver's seat inside the vehicle, unless the car structure requires a different installation.

The mobile application is available in the official AppStore and Google Play store under the name "juzjade.pl".



1. Unwinding the winch

The button is 1-state, to unwind the winch rope you need to keep the button pressed. When you release the button, the winch will stop working with a slight delay.

2. Winch Coiling

The button is 1-state, to reel the winch rope you need to keep the button pressed. When you release the button, the winch will stop working with a slight delay.

3. LED Work Lights

2-state ON/OFF button. After clicking once, the work light starts and turns off after another click. The button highlighted in red indicates the active channel.

4. Warning Lighting

2-state ON/OFF button. With one click, the warning light starts and turns off after another click. The button highlighted in red indicates the active channel.

5. Lowering the air suspension

The button is 1-state, to lower the air suspension you must keep the button pressed. When you release the button, lowering the suspension will stop with a slight delay.

6. Air Suspension Lifting

The button is 1-state, to raise the air suspension you need to keep the button pressed. When you release the button, lowering the suspension will stop with a slight delay.

7. **Vehicle self-leveling button**

The button is 3-state, the state change is done after a single click. Highlighted in blue means leveling for driving with a PPP trailer raised or used to level a vehicle when we have a non-PPP version of the vehicle. Illuminated in green, it indicates the leveling of the vehicle in PPP trailer mode with an automatic load of up to 750 kg. Backlight off means self-leveling disabled.

8. **Driveway lock button**

2-state ON/OFF button. After one click, the lock unlocks and the button lights up in red, and after another click, the backlight turns off and the lock locks.

9. **Function key**

The button can be programmed with the help of a mobile application in one of three modes: ON/OFF, single-state (channel switched on when the button is pressed), single-state (channel active for a certain time after releasing the button).

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12. **Function key AND ON/OFF REMOTE CONTROL**

Holding down the key for a long time allows you to turn the remote control on or off.

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D. Status LED

The color indicates the current status of the remote control:

- red-yellow: remote control running, but not connected
- green: remote control connected to the control panel
- Blue: lights up when the remote control is connected to charge, means the remote control is charging the battery

Programming the remote control to the control unit

The wireless remote control is programmed to the control unit as follows:

with the vehicle's ignition switched on and the remote control switched off -> press and hold button F3 (11) -> press and hold button F4 (12) -> a green LED will light up on the remote control, indicating that it has been programmed

Description of the functionality of the mobile application

Once you have installed the mobile app, you should assign all the permissions that the app asks for. Otherwise, the app will not work.

Communication between the smartphone and the control panel takes place via Bluetooth, so remember to turn it on in the smartphone.

Application window when you don't have any vehicle on the list:



In this window, we enter the control panel ID located on the sticker affixed to the B-pillar on the driver's side or on the driver's seat.

The name is free.

When we add a vehicle (or more vehicles), the application window will look like this:



Then select any vehicle from the list and click "CONNECT"

After connecting, the main application window appears:



A description of the main window is presented above.

In addition, we can see the compressor icon and the current pressures in the system.

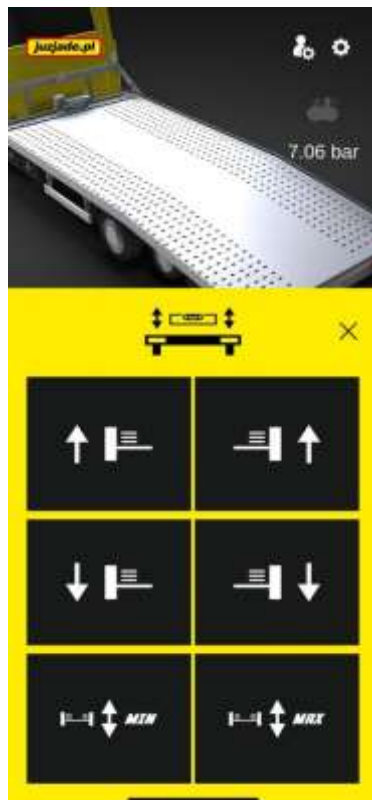
A gray icon indicates that the compressor is not running at the moment.

When the compressor starts working, the icon lights up white.

The icon can also be red. This means that the compressor has been locked automatically due to its overload. The compressor can be unlocked, the description is provided later in the instructions.

At the bottom of the main window, there is a yellow area for additional controls.

After clicking on it, an additional window will pop up:



Depending on the version of the self-leveling system installed in the vehicle, we also have the option of independent control of the right and left sides of the suspension.

The two bottom buttons allow you to reach the minimum or maximum level with one click.

In the main application window, we have a self-leveling control button available (if installed in the vehicle). It has three states:



SELF-LEVELING DISABLED



SELF-LEVELING FOR
DRIVING WITH THE TRAILER
RAISED, ACTIVATED. THE
APP INDICATES A
REFERENCE LEVEL TO 0 IN
MILLIMETERS (AIMS FOR 0
MM)



SELF-LEVELING FOR
DRIVING WITH THE TRAILER
DOWN, ENABLED. THE APP
INDICATES THE PRESSURE
ON THE TRAILER IN
KILOGRAMS (IT AIMS FOR
750 KG)

To control the warning bar operating mode:



When the warning bar is activated, an additional button appears to change the operating mode.

App Settings:



After clicking on the gear icon in the upper right corner of the home screen, the settings window will be displayed.

User ID: This is needed to perform remote compressor unlocking or remote suspension calibration.

COMPRESSOR segment: The "UNLOCK" key allows you to unlock the compressor 3 times by yourself. If we use this option, please contact the Manufacturer.

The "UNLOCK REMOTELY" key allows you to unlock the compressor with the help of the Manufacturer.

The "CALIBRATION" button allows you to calibrate the self-leveling system with the remote participation of the Manufacturer.

Calibration of the self-leveling system:

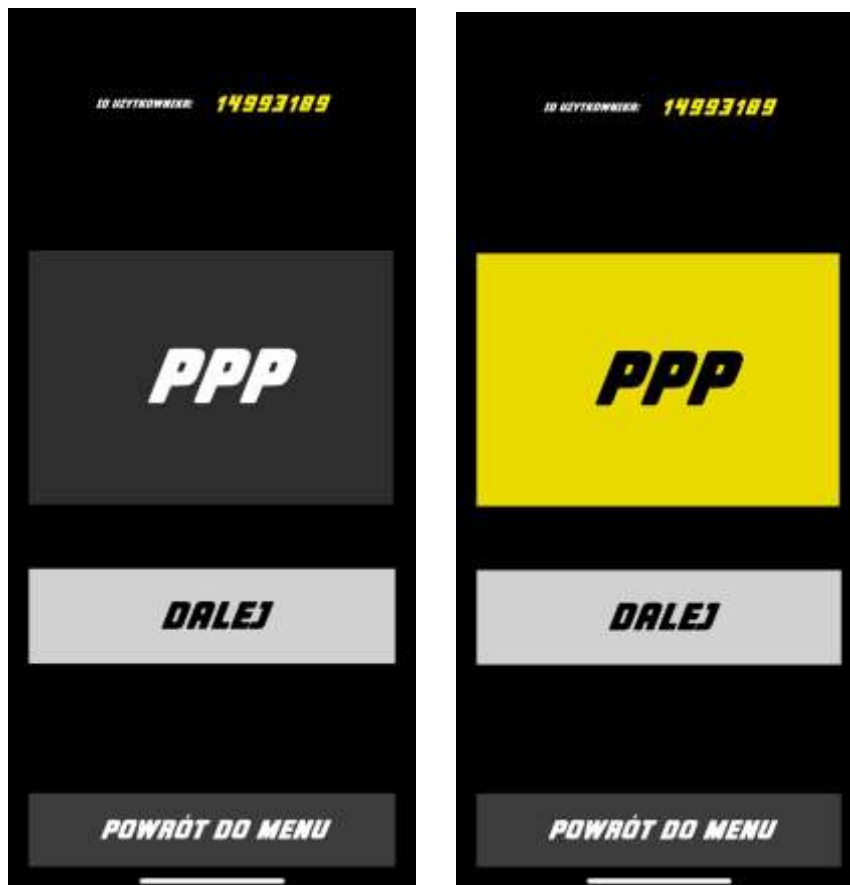
Calibration should be performed after each intervention with the vehicle's suspension.

To do this, you need to contact the Manufacturer.

Click on the "CALIBRATION" button.

The calibration is carried out separately for the car and separately for the PPP trailer.

We are presented with a selection window:



The grayed out "PPP" button gives us the ability to calibrate the sensors in the car, while after clicking on it, it changes color to yellow, which gives us the opportunity to calibrate the sensors installed in the PPP trailer.

Calibration should be performed on a level surface.

Calibration of sensors in the car:

The wizard guides us step by step.

Each of the required dimensions is entered in millimeters and measured from the ground to the bottom of the bumper.

We start from the minimum level (we let all the air out of the system), then we move to the maximum level that we are able to reach, and then we set the level "for driving" – in this step, we need to set the vehicle without PPP "for driving", and the vehicle with PPP so that the trailer is raised at a distance of about 2-3 cm from the surface.

Then click on the "Send" button. The data is sent to the Manufacturer, and then after contacting the Manufacturer, the calibration data must be downloaded. Finally, just press the "Calibrate" button.

Calibration of sensors in a PPP trailer:

The wizard guides us step by step.

In this case, we will need the vehicle load, vehicle wheel stands and wheel scales placed under the wheels of the PPP trailer.

Each of the required dimensions is entered in kilograms.

We start from the minimum level (load the trailer up to approx. 1100 kg, equally for each wheel), then move on to the maximum level of the trailer, i.e. reaching 0 kg on the scale so that the wheels of the trailer are minimally above the weights. Next, set the level "for driving with a trailer" – in this step, you need to set 375 kg of pressure per wheel of the trailer.

Then click on the "send" button. The data is sent to the Manufacturer, and then after contacting the Manufacturer, the calibration data must be downloaded. Finally, just press the "Calibrate" button.

