⚠ ALERTS

The room panel displays three types of alerts:

Alert 1 - ⚠ icon (flashing) together with 🔥 icon (not flashing) - means a temperature alert originating from the Joker main controller. **In addition an audible warning is activated - you must go and check the cause of alert at the boiler.**

Alert 2 - ⚠ icon (flashing) - one or more sensors of the Joker main controller damaged.

Alert 3 - ⚠ icon displayed (not flashing) - communication problem between the room panel and the Joker main controller. In order to verify the origin of the alert (the control panel or the Joker main controller), check the alert icon in the top left corner of the main screen of the Joker main controller and look up its description in the Joker user manual.

Low battery is signalled by an 🔋 icon - replace batteries.

DELIVERY SET

* room control panel
* 6 mm wall plugs (2 pcs.)
* AAA/LR03 1,5V batteries - 2 pcs (inside of the panel)

WARRANTY

TMK sp.j. grants the user a warranty for the room control panel. The warranty period is 3 years from the date of purchase of the device, however not longer than 4 years from the date of manufacture.

WARRANTY TERMS AND CONDITIONS

Warranty claims shall be accepted provided that the terms and conditions of warranty, and general rules of operation of electronic devices, are complied with as required. TMK sp.j. guarantees appropriate workmanship, high quality and reliable operation of the room panel. In the event of any faults in the controller's operation, or defects which can be attributed to the manufacturer, TMK sp.j. shall repair or replace the faulty controller with a defect-free device within 14 working days from the date of returning the controller (in person or through post). The warranty scheme explicitly excludes all defects arising due to the user's fault and, particularly, defects caused by mechanical damage, faulty mounting, water ingress or operation of the device contrary to the general rules of operation of electronic devices.

The warranty is only valid with a proof of purchase.

DATE OF SALE: ....
                        day, month, year

MANUFACTURER: ....
TMK sp.j.   Seller's stamp and signature
62-300 Września
Szosa Witkowska 105
tel./fax +48 61 437 97 60   ....
www.tmk.com.pl   DATE OF MANUFACTURE

Manufacturer:
TMK sp.j. Września
Szosa Witkowska 105
tel./fax +48 61 437 97 60
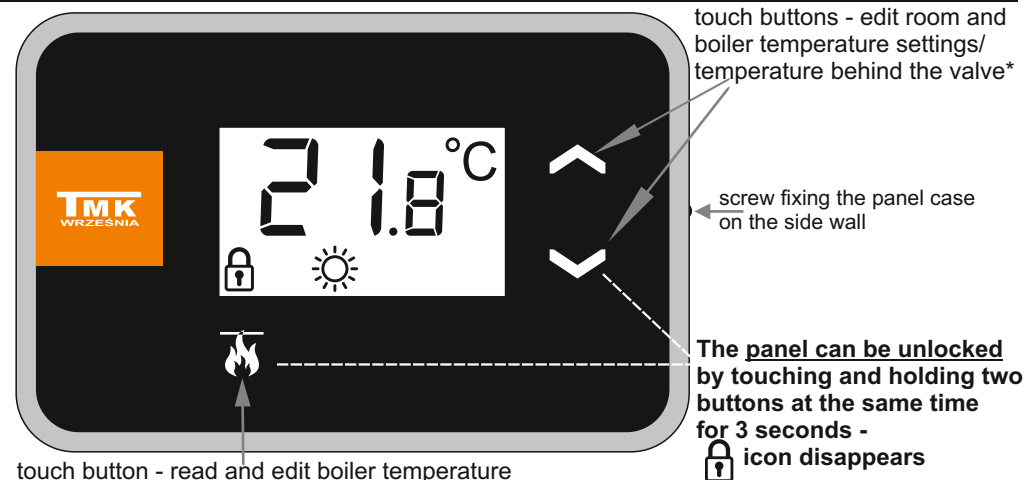www.tmk.com.pl

Wireless room control panel
for JOKER –RC
Installation and Operation Manual
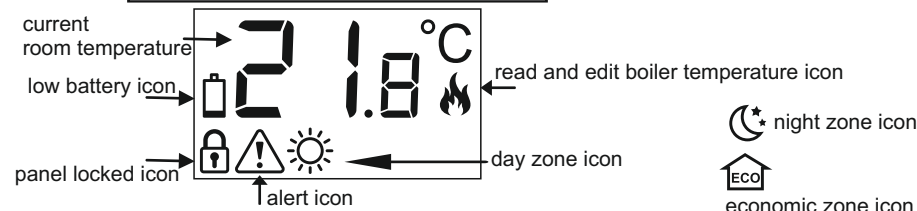
APPLICATION

The wireless room control panel works on the basis of programmed time settings of the basic controller JOKER -RC. The user can edit room temperature for the timed programme currently in use. The room control panel may also be used to monitor temperature of the boiler or to change boiler temperature setting (or alternatively, temperature behind valve setting)* for the timed programme currently in use. It signals boiler and stoker alerts with a flashing icon and an audible warning. The room panel features automatic touch button locking function for parental control.

FRONT VIEW OF THE PANEL SCREEN and UNLOCKING

touch buttons - edit room and boiler temperature settings/ temperature behind the valve*

screw fixing the panel case on the side wall

The panel can be unlocked by touching and holding two buttons at the same time for 3 seconds - 🔒 **icon disappears**

touch button - read and edit boiler temperature

THE PANEL SCREEN

current room temperature

low battery icon

read and edit boiler temperature icon

panel locked icon

day zone icon

alert icon

🌙⭐ night zone icon

ECO economic zone icon

* for Joker main controller operation with valve control

TECHNICAL DATA

Supply voltage 3V ⎓, 2xAAA/LR03 1.5V ⎓
Temperature measurement range -10 to +50 °C
Room sensor setting range 10.0 - 35.0 °C
Monitoring of the Joker main controller and room control panel alerts

SWITCHING ON THE PANEL

In order to switch on the panel, undo the screw on the right side of the panel case and open it. Then pull out batteries from the holder and remove the plastic isolation the batteries. Next, place batteries back in the holder observing polarity: „+" to „+", and „-" to „-".
CAUTION - if the panel does not light up, check placing and condition of batteries.

PAIRING OF THE PANEL WITH THE MAIN CONTROLLER

When the room panel is switched on, it waits for 30 seconds to be paired with the Joker main controller. If pairing is not started within 30 seconds (parameter "pairing controllers" in the "room control panel" menu of the Joker - press [START]), the room panel begins displaying measured room temperature and the "no radio communication" alert icon (continuously).
To repeat pairing procedure, remove batteries from the room panel, reinsert them and (within 30 seconds) enter the "room control panel" menu of the Joker main controller, select the parameter "pairing controllers" and press [START]. A "successful" or "failed" pairing message will appear on the main screen of the Joker controller. Additionally, before pairing procedure is repeated, it may be useful to change radio communication channel - parameter "pairing controllers" (to select channel - turn the knob).
When the room control panel and the main controller are not paired, the JOKER controller works like a version without a room panel.

INSTALLING THE CONTROL PANEL ON WALL MOUNT

The control panel should be placed indoors, on a wall which is not exposed to excessive sunlight, in a room which is most frequented. Select a well ventilated position, away from heat sources (such as stoves, heaters, a fridge or a TV set) at 1-1.5 metres from the floor. The control panel should be placed at a location which ensures good communication with the Joker main controller. In order to find such a location, begin by installing the Joker main controller on the boiler and switch it on. Next, choose location for the room panel and check communication with the Joker. If communication between the Joker main controller and the panel is disrupted (signalled by an alert icon ⚠ on the panel), try selecting a different radio communication channel from the "room panel" menu of the Joker main controller. Then repeat the pairing procedure. If communication still can't be established or is unreliable, look for another location for the panel and check communication again.
When suitable location for the panel has been found, fix the back of the panel to a wall with 6mm rawlplugs (rawlplugs and screws provided). Use holes shown on the drawing below.

catch →

holes for fixing on the wall

hole for the screw fixing the panel case

CAUTION: technological holes- not for fixing
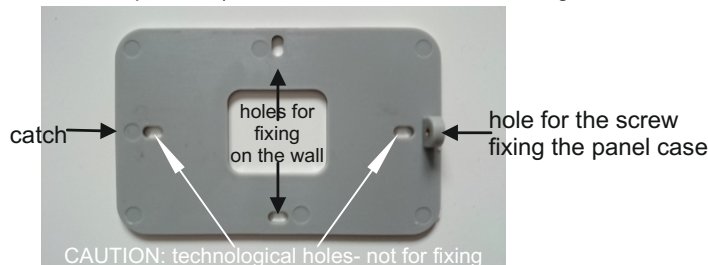
When the back cover of the control panel has been installed as shown, the panel (already activated and paired) should be fixed to the back cover using the latch on the left hand side. After the panel has been put in place, tie up the screw on the side wall of the panel's case.

🔒 LOCK UP OF THE CONTROL PANEL'S BUTTONS

The room panel features automatic touch button locking for parental control. Locked up buttons are indicated by an 🔒 icon appearing in the bottom left corner of the screen.
To unlock, press and hold two buttons (🔥 ⌄) at the same time for 3 seconds - the lock up icon🔒   will disappear.

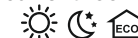Touch buttons are automatically locked 30 seconds after last operation.

PANEL OPERATION

The most important function of the room panel is to measure room temperature and to send it to JOKER RC main controller.
Detailed description of the interaction of the room control panel and the Joker main controller is provided by the JOKER RC operation manual in the chapter "Operation with wireless remote control panel".
When the room control panel is switched off, the JOKER controller works like a version without a room panel.

EDIT ROOM TEMPERATURE ON THE PANEL

Temperature displayed on the panel screen (digits not flashing) is the measured current room temperature.
In order to change room temperature setting for the timed programme currently in use:

- unlock touch buttons (described above);
- press the button ⌃ or ⌄ - current setting of the room temperature will appear (digits flashing);
- press ⌃ or ⌄ to increase or decrease room temperature setting;
- once setting has been changed, after 15 seconds it will be registered and sent to the JOKER main controller.
All room temperature settings and timed programmes are available from the Joker main controller.

BOILER TEMPERATURE - QUICK VIEW

In order to check boiler temperature, press and hold the 🔥 button. Parental control remains active. Current boiler temperature will be displayed together with the boiler icon 🔥
After 5 seconds the panel will return to displaying room temperature.

CHECKING BOILER TEMPERATURE AND CHANGING BOILER TEMP. SETTING (OR CHANGING TEMPERATURE BEHIND VALVE SETTING*)

To check current temperature of the boiler, unlock the buttons and press 🔥. Current boiler temperature will be displayed for 15 seconds together with the boiler icon 🔥

Boiler temperature setting (or temperature behind valve setting*) for the timed programme currently in use indicated by one of three icons (☼ ☾ 🏠ECO) can be edited when current boiler temperature is displayed:
- press the button ⌃ or ⌄ - current setting of the boiler temperature will appear (digits flashing) together with the boiler icon🔥
- press ⌃ or ⌄ to increase or decrease boiler temperature setting for current timed programme;
- once setting has been changed, after 15 seconds it will be registered and sent to the JOKER main controller.
CAUTION - alert icons ⚠ are not displayed while temperature settings are being edited.
In order to verify software version number of the panel, while the control panel is still locked, press all three buttons for 5 seconds .

* for Joker main controller operation with mixing valve. The JOKER DS2PZ-RC/DS2PM-RC operation manual provides description of how to edit temperature behind valve setting in the chapter "Operation with wireless remote control panel".