

MyDOMO



User manual

DOMUSA
T E K N I K

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**Thank you for choosing MyDomo. Please read this manual before installing! It is recommended that this device is installed by a qualified electrician.*

1. PACKING LIST

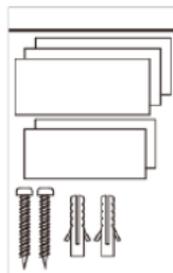
- MyDomo Wi-fi Remote Control (Transmitter) ×1
- Receiver ×1
- Manual ×1
- Accessory package
 - Dowels ×2
 - Fix screws ×2
 - White sticky pads ×2
 - Black sticky magnetic pads ×3
 - USB cable ×1
 - AC/DC Adapter ×1



MyDomo



Receiver



Accessory package



Manual



USB cable



Adapter

2.COMPATIBILITY

MyDomo is compatible with most of DOMUSA TEKNIK's boilers.

MyDomo allows a basic control in analogical boilers, being able to change the boiler set temperature and at the same time programming different temperatures in diverse time ranges.

In addition, in boilers with electronic control, the following advanced functions are added:

- Turning on and off the system when demanded.
- Changing DHW set temperature.
- Adjusting the operation power of the boiler automatically as it approaches to the desired set temperature.
- Getting to know the alarms.

3.RF PAIRING (RADIO FREQUENCY)

Long press light on receiver, green light is on and red light flicks regularly. Then long press MODE button (MyDomo) to enter coupling state. Displaying "-----" on transmitter is changed to wireless communication channel (Default channel is 10, 0-19 channels optional). RF icon  on transmitter changed from flicking to constant on means coupling succeeded.

4.INSTALACIÓN DE LA APP Y CONFIGURACIÓN DEL WI-FI

Step 1: Download App

- For Android operating system, go to Google Play and search MyDomo.



- For iOS operating system, go to App Store and search MyDomo.



Step 2: Create an account

Please make sure your device is connected to Wi-Fi successfully.

1. Open App MyDomo and tap “Register”;
2. Create an account.
3. Log in. You will need to enter device ID to proceed. ID code is to be found at the back of MyDomo or on package box;

MyDOMO

Username

Password

Stay signed in [Forgot password](#)

SIGN IN

REGISTER

←

Username *required

Password *required

Confirm password *required

Email *required

Phone number

City

Click on the register button below, it indicates that you agree to cloudwarm software license and service agreement.

REGISTER

Step 3: Connect Mydomo to Wi-Fi

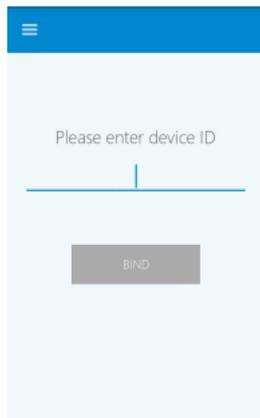
For this operation, the phone must be connected to the same WIFI network with that connect MyDomo. Only after the initial connection is established, you will be able to use mobile networks to control MyDomo application on your device:

1. Tap  in top right corner of the Sign In interface and follow the instructions on APP to connect MyDomo to Wi-Fi.

You will need to enter device ID to proceed. ID code is to be found at the back of thermostat or on package box. **Alternatively, you can carry out step 2 before step 1.**



MyDomo app interface showing the 'Add device' screen. The screen includes a blue header with a menu icon, a house icon with a pencil, and several input fields: Device ID, Weather location, Outdoor temp source (with radio buttons for Internet and Boiler sensor), MAC, Time zone (+00:00), and Server. At the bottom are Remove device and Add device buttons.



MyDomo app interface showing the 'Please enter device ID' screen. The screen includes a blue header with a menu icon, the text 'Please enter device ID', a horizontal line with a vertical cursor, and a grey 'BIND' button at the bottom.

Step 4: Settings.

There are two option to show local weather information in MyDomo:

1. Go to top left menu  and go to Account. Input location information (where MyDomo is being installed) at Weather Location line.
2. Tap in the Outdoor weather temperature and choose the location.



- ① Outdoor weather information
- ② Current room temperature

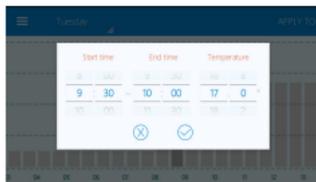
- ③ Target room temperature
- ④ Heating status



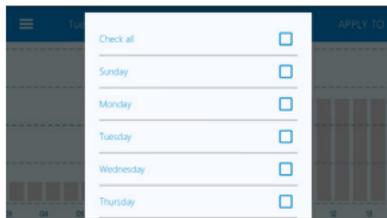
MANUAL MODE: Set the desired temperature by sliding your fingers on screen;



MODO AUTOMÁTICO: Enter programming interface tapping  in the high right corner, the below screen appears:



Set the desired temperature and time. Tap the program screen again to set temperatures and heating time for another period of time in the same day if needed. If an adjusted program to be copied to another day or set of days, go to top right corner "APPLY TO" and select the days desired the same operation to be repeated to.



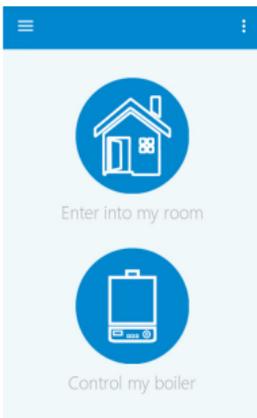
If changes to preset program needed, switch to “MANUAL MODE”, and set per needs. To go back to the original “PROGRAM MODE”, just switch it back”.



OFF MODE: When set to “OFF MODE”, MyDomo only heats when the room temperature drops below 5 °C to prevent frost damage.



Before control a DOMUSA TEKNIK boiler with MyDomo, it is necessary to examine their compatibility with the boiler. Boilers with “Remote Control” option are compatibles with MyDomo.



Enter “Control my boiler” to see your boiler working state.



WINTER MODE: Heating and DHW services are activated displaying their current and target temperatures.



- | | |
|-------------------------------|-------------------------------|
| ① Outdoor weather information | ⑥ DHW target temperature |
| ② Boiler temperature | ⑦ Heating state |
| ③ DHW current temperature | ⑧ Boiler flame state |
| ④ Water pressure | ⑨ Boiler status (error codes) |
| ⑤ Boiler target temperature | |



SUMMER MODE: In this mode heating service is deactivated.



OFF MODE: When set to “OFF MODE”, MyDomo only heats when the room temperature drops below 5 °C to prevent frost damage.



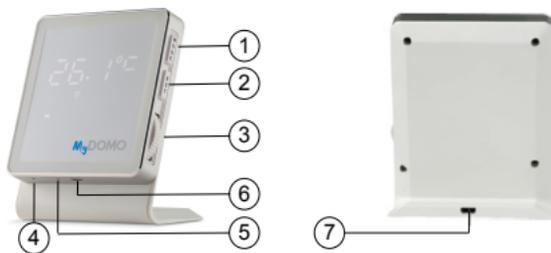
Go to top right corner, tap  drop down menu, tap “Boiler Information” to see boiler working data and error codes.



5.MYDOMO WI-FI REMOTE CONTROL (TRANSMITTER)

If Wi-Fi connection or the internet is not available, thermostat still work per previous settings before network cut off, or you can set by pressing the buttons on MyDomo.

All LED light up for 3 seconds upon powering on, followed by version of built-in hardware.



- ① MODE: Press to select “MANUAL MODE”, “PROGRAM MODE” or “OFF MODE”.
- ② SET: Press SET to change between room temperature and hour. Press 5 seconds to connect Wi-Fi.
- ③ Knob: Rotate to adjust temperature (valid only in “MANUAL MODE”).
- ④ Room temperature sensor.
- ⑤ RESET: Reboot screen appears after reset button pressed.
- ⑥ & ⑦ Micro USB port: to supply power.

Icono	Descripción / Función
	<p>WIFI configuration (WPS): Fast double press SET to enter Wi-Fi configuration, use router WPS function.</p>
	<p>Press SET for display the hour. Rotate the knob to set wireless communication channel (0-19) (default channel is channel 10). Press SET to validate.</p>
	<p>Rotate the knob and press SET to set hysteresis ON value (Range 0-2 °C in 0,1 increment). e.g. If target temperature set at 25 °C and hysteresis ON temp at 0,5 °C, when room temperature at 24,5 °C transmitter sends heating request signal to boiler. Press SET to validate.</p>
	<p>Rotate the knob and press SET to set hysteresis OFF value (Range 0-2 °C in 0,1 increment). e.g. If target temperature set at 25 °C and hysteresis ON temp at 0,5 °C, when room temperature at 25,5 °C transmitter sends heating off signal to boiler. Press SET to validate.</p>
	<p>No functional parameter.</p>
	<p>Rotate the knob and press SET to exit current settings.</p>

Factory set defaults:

- *Hysteresis ON: 0.4 °C*
- *Hysteresis OFF: 0.4 °C*
- *Frost protection temperature: 5 °C*

Temperature calibration: MyDomo may indicate a temperature different from the real one due to its location in the house. After choosing the place of functioning thermostat, it is useful to calibrate it. Use a precision thermometer near the thermostat that you keep a minimum of 50 minutes. Press and hold SET and MODE until the temperature remains on the display only. Enter the thermometer indicated value standard by turning the wheel on the side of thermostat and press the SET.

Warning: the thermostat does not show correct temperature value and does not allow calibration in less than 50 minutes after the electrical supply! The temperature is correct and the device can be calibrated only after the symbol "C grade" goes from small °c



LED actions

Illumination of the display of the thermostat will be reduced during the night. This function is automatically activated during night hours (20:00-8:00).



① Current room temperature

② Wi-Fi connection

③ “MANUAL MODE”

④ “PROGRAM MODE”

⑤ “OFF MODE”

⑥ Heating state

② WI-FI CONNECTION STATE

Flicking	Establishing connection to server
Light on constantly	Connection to server established
Light off	Connection to router failed

In case the Wi-Fi LED remains flashing, restart all components of your internet home-system and then restart MyDomo. If the Wi-Fi LED still remains flashing, please contact our customer support. Also, please note that the server may be down for a short while for maintenance. Try to be always updated with the last version of the MyDomo App.

RADIO FREQUENCY (RF) CONNECTION STATE

Slow flicking	RF communication error
Fast flicking	RF hardware error
On	RF communication is normal

Radio communication inside the house building structure can be influenced by many factors (concrete structure, metal objects...). Placing the thermostat in the control room and the receiver near the boiler must be carried out so that radio communication to be more stable.

- ③ **MANUAL MODE:** MyDomo behaves as a simple thermostat. You can adjust temperature from the side of MyDomo or from App.
- ④ **PROGRAM MODE:** Check the schedule from the App on your smart devices.
- ⑤ **OFF MODE:** MyDomo only heats when the room temperature drops below 5 °C to prevent frost damage.
- ⑥ **HEATING STATE:**

Flicking	Communication error
On	Heating is on
Off	Heating is off

6.RECEIVER



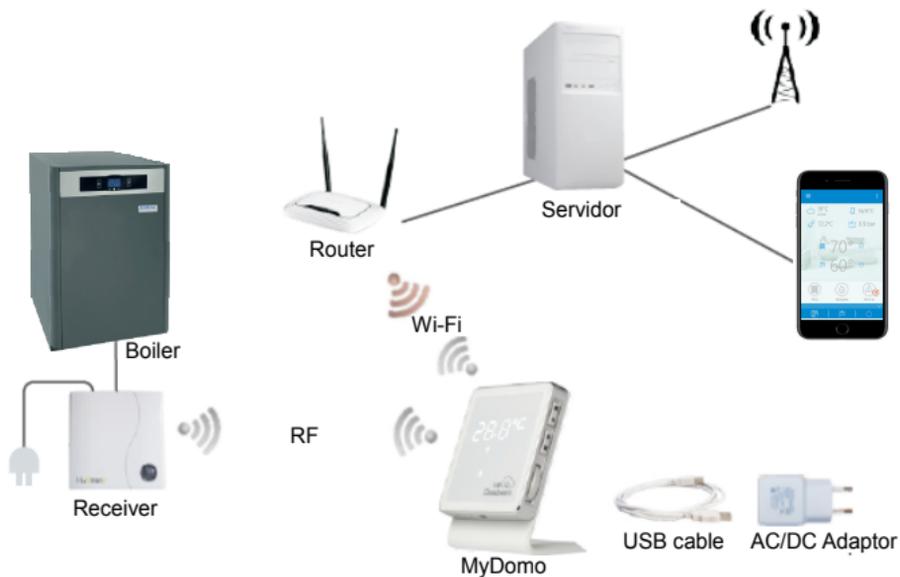
The receiver communicates with the transmitter via RF. It mounts near heating device and is linked to it with electrical connections. Electrical connections will be made by authorized personnel. Before connection check that the command of the terminals is NOT 220V!

Receiver – Boiler connection.

1. There are 4 wires from receivers: wires from receiver labelled “OT” are to be connected with boilers with electronic control. Wires labelled “ON/OFF” are to be connected with analogical boilers.
2. Use black magnetic pad or the screws to fix the receiver to a proper place.



Schematic Diagram



Explicación del estado del LED del receptor.

			ON/OFF Function	Electronic control boilers		
Red light	Green light	RF Communication	Relay	OT Communication	Flame	Boiler fault
Off	On	√	/	√	√	×
Off	Regular flicking	√	/	√	√	√
Off	Irregular flicking	×	√	×	×	/
On	Off	√	/	√	×	×
On	Regular flicking	√	√	×	/	/
On	Irregular flicking	×	/	√	×	×
Regular flicking	On	√	×	×	/	/
Regular flicking	Irregular flicking	×	/	√	×	√
Regular flicking	Off	√	/	√	×	√
Irregular flicking	Regular flicking	×	/	√	√	√
Irregular flicking	Off	×	×	×	/	/
Irregular flicking	On	×	/	√	√	

7. TECHNICAL SPECIFICATIONS

Basic specs	Power supply	100~240V AC, 50~60HZ
	Power consumption	1.2W
	Relay load	0.5A 125V AC, 2A 30V DC
	MyDomo dimensions	86 x 86 x 35mm
	Receiver dimensions	86 x 86 x 20mm
	Housing material	ABS + PC + Aluminium
	Temperature sensor	Built in
	Boiler control protocol	Open Therm v2.1
Wi-Fi	Wi-Fi standard	802.11b/g/n
	Frequency	2.412GHz – 2.484GHz
	Wireless frequency band	868MHZ(FSK)
	RF transmit range	100m in the open air
	Safety mode	WEP/WPA-PSK/WPA2-PSK
	Net protocol	IPv4, TCP
	Net type	STA

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