planika
INTELLIGENT FIRE

USER'S MANUAL

Fire Line Automatic 3#4-XL Suite Logs

IT IS OBLIGATORY TO READ AND KEEP THIS INSTRUCTION MANUAL

TABLE OF CONTENTS

I. Safety

FIRE LINE AUTOMATIC is a decorative device with real flames. That is why in order to use the device properly and safely and in order to keep the warranty, the following safety rules should be applied. Fire Line Automatic is not a heating device.

WARNING:
- Read all of the manuals carefully before installation and first use.
- Device has to be installed according to guidelines and requirements listed in the installation manual.
- This type of fireplace emits heat, water vapour and carbon dioxide (CO_2) therefore it is necessary to consider the room capacity and ventilation as listed in installation manual.
- In the event of installing more than one device in the same room it is necessary that the room capacity will be the summary of each devices min. room size requirements.
- Before moving the device please burn the fuel out and move the device slowly, in the horizontal position to avoid shaking. There is always some fuel left inside the device and if it is spilled out, the moisture sensors can be activated. If that happens the device will not work until the liquid evaporates.
- The first run can be made only after correct installation of the device and reading the provided manuals.
- It is obligatory to have a carbon-dioxide or dry chemical extinguisher placed nearby the device.
- The temperature of the glowing coil reaches 1300 °C. Touching this device while it is turned on will cause burns.
- During the device start-up sequence, the characteristic smell of the liquid used in the device or the recommended FANOLA® liquid may be perceptible.

IT IS FORBIDDEN TO:
- Move the device in working mode. Before moving the device please burn off the residual fuel, wait for the device to cool down and disconnect the power supply.
- Pour FANOLA liquid into a furnace, as it may cause damages to the device and cause fire. Pouring FANOLA liquid into a burning furnace may cause a sudden ignition and can cause fire, burns and a risk to life.
- Preheat the FANOLA liquid before starting-up the device.
- Start up the device if the FANOLA liquid is spilled out from the container.
- Consume FANOLA liquid.
- Tamper with the elements inside the furnace body as this may cause burns, device damages or fire. Some elements of the device heat up to high temperatures.
- Touch the area of the furnace as it may cause burns.
- Make changes or repairs to the construction of the device on your own. Repairs can be made only by a person trained to service the device.
- Cover the working device as it may cause fire.
- Place any decorative elements on the device's surface.
- Leave working device without adult supervision.

IT IS MANDATORY TO:
- Install the device according to the rules given in the installation manual.
- Provide correct cubic capacity of the room and correct ventilation of the interior, as while working, the device emits heat, water vapour and carbon dioxide.
- Prevent handling of the device by non-qualified persons.
- Avoid contact with skin and eyes.

II. Operation

1) Operating elements

DEVICE

Furnace

Fire grate

Glowing coil

Logs

CONTROL PANEL

Control panel

Fuel filler

Starts the device from stand-by mode or turns off the device to stand-by mode

Turns on to standby or completely turns off the device

USB port hidden under a flap

Control panel display

Reduces flame level

Increases flame level

CONTROL PANEL DISPLAY

Flame size indicator

Fuel level indicator
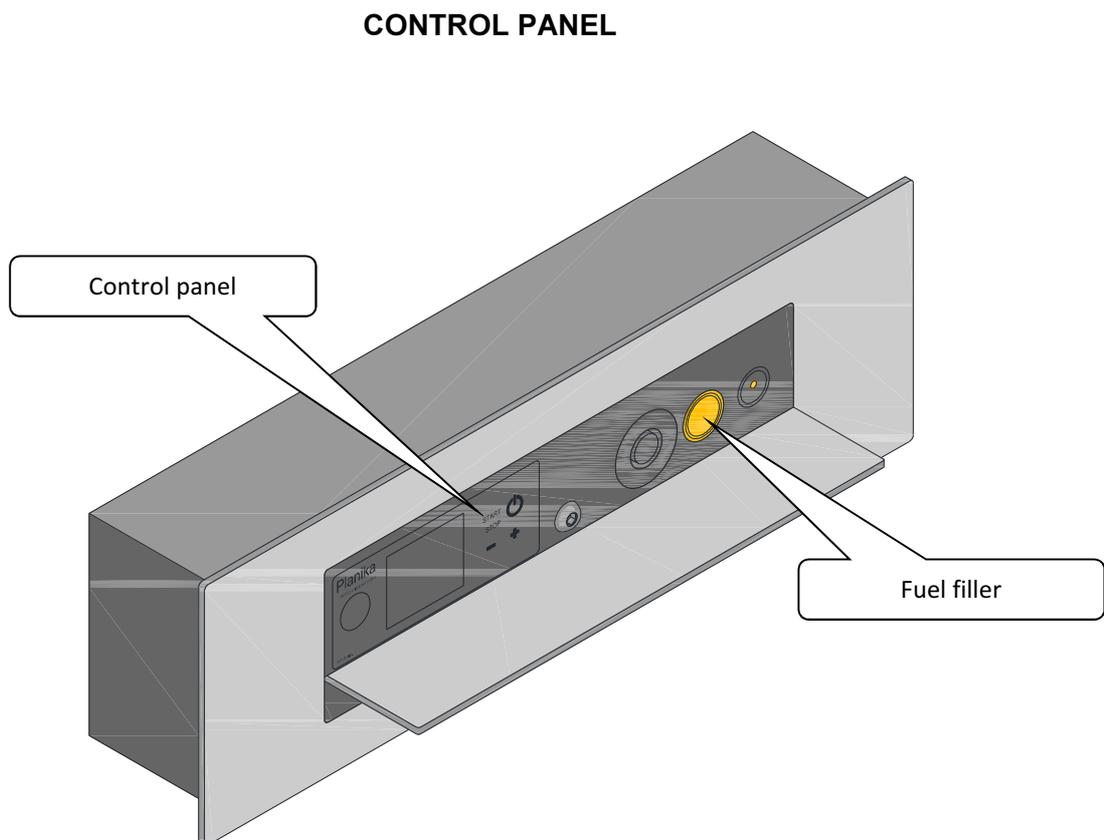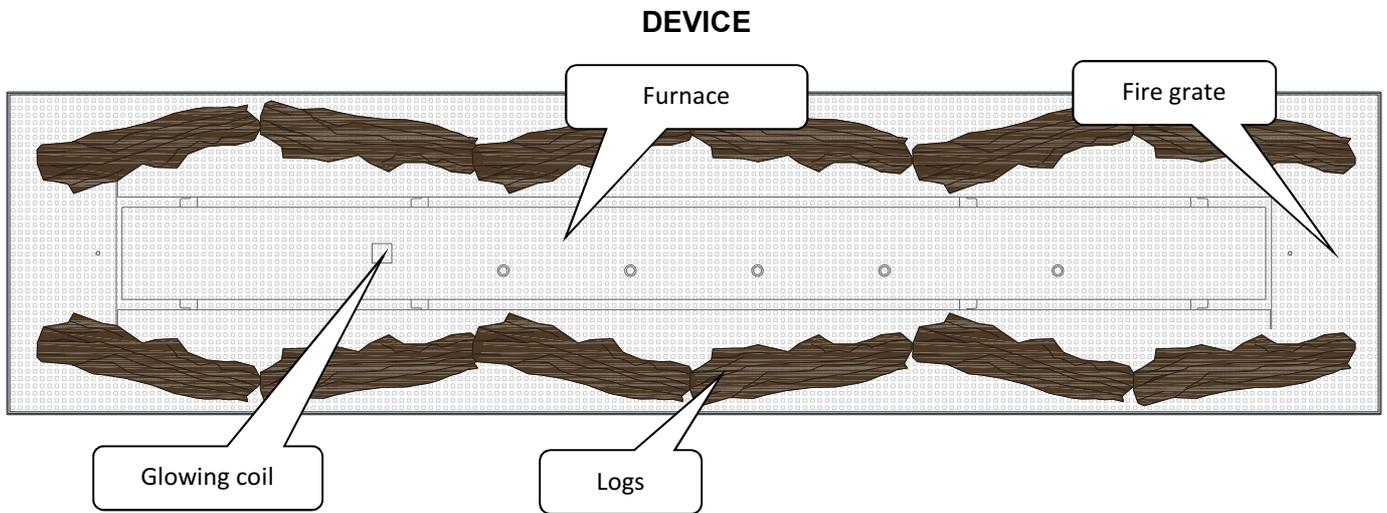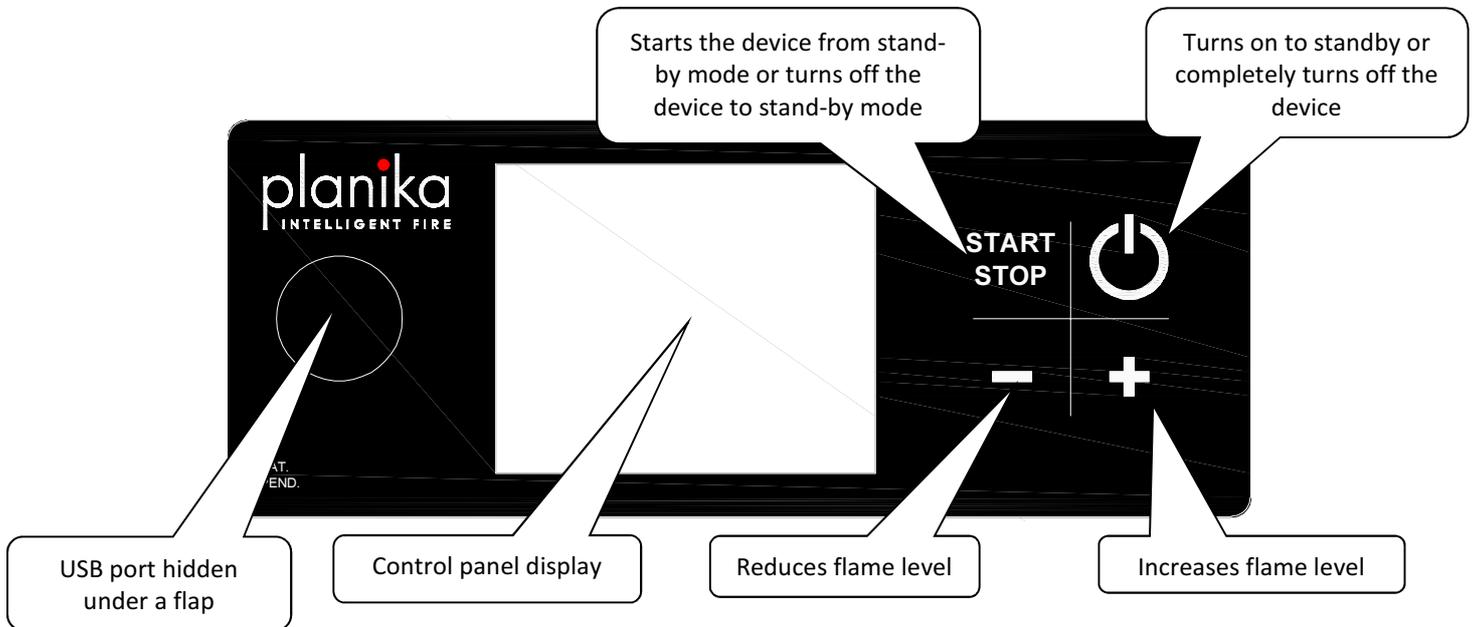
2) Initial start-up of the device

If the ⏻ button is lit the device was properly connected to the mains.

Press the ⏻ button on the control panel, intro display will appear and after 3 seconds you will see this message:

NO FUEL – lack of fuel. To refuel *FIRE LINE AUTOMATIC* please follow these steps:

Open the fuel filler lid.

Pull out the automatic fuel pump attached to the product. Push the flexible hose and the electrical plug dynamically as shown in the picture.
The fuel pressure connector must be pushed firmly into the hole. Once you connect it correctly, you should hear clear click.

Place the stiff pump hose in the fuel tank / canister.
In order to start pumping, squeeze the rubber fuel pump several times (picture to the right). Refueling will start automatically.
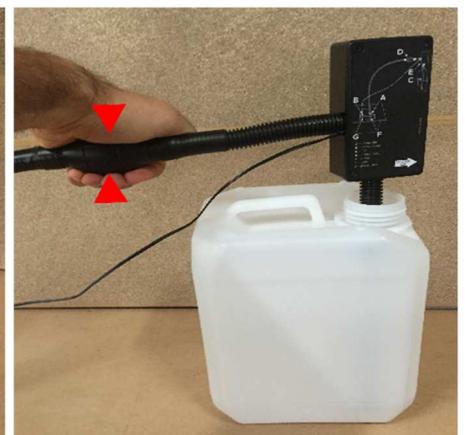
Automatic refueling will stop when:

The fuel tank in the *FIRE LINE AUTOMATIC* is full	Disconnect the power connector. Hold the flexible metal fuel hose and press the black button on the left. The connector will be released. Please be aware, that some fuel can still be present in the fuel hose after releasing. Close the fuel filler lid.	
External fuel container which the fuel was pumped out from is empty	If the display indicates the presence of fuel in the tank - you can stop pouring. You can also replace the fuel tank / canister full and restart the pump.	

3) Starting the device

When refuel is correct, the message on the display changes to READY. You can then start to fire up the device.

- Press the **START / STOP** button on the control panel, the remote control or the configured device. If the Child Lock function is activated, hold down the **START / STOP** button on the control panel or on the remote control for 3 seconds.
  WARNING! The glowing coil starts to heat up to 1300°C, touching it will cause severe burns.

- The display message will change from READY to PLEASE WAIT. The flame ignition time depends on the conditions from 2 to 10 minutes.

- A few minutes after the flame appears, the device will reach the operating temperature and the message PLEASE WAIT will change to WORKING. That means the device has gone into the operating mode.

4) Flame size regulation

- The device initially starts up at level 4 of the flame size.
- Adjust the flame size by pressing either the '**+**' or '**-**' button on the remote control, control panel or on the configured device.
- Flame size indicator on the display informs us about the chosen flame size. There is also a number of the flame size visible above the flame size indicator.

5) SLEEP function

The device can be programmed to switch off after a programmed time. When the message WORKING is visible on the display, you need to hold '**+**' and '**-**' buttons simultaneously for a few seconds. The following message on the screen will appear.
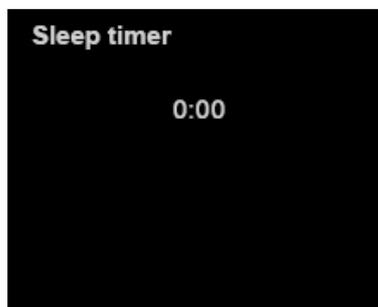
Choose the desired time using '**+**' button (no longer than 3 hours) and confirm with '**-**' button.
WARNING! The device with turned on SLEEP function cannot be left without supervision!

6) Device extinguishing

Press the **START/STOP** button on the control panel or **STOP** button on the remote control or on configured device.
WORKING message will change into COOLING THE DEVICE – the device is too hot to be started again. To make the cooling process faster the cooling fans will turn on. Once the device cools down, the message on the display will change to READY.

7) Switching off

To completely switch off the device press the red button ⏻ on the control panel.

8) Restarting the FIRE LINE AUTOMATIC

For safety reasons, restarting the unit is possible only after it has cooled down and READY message is displayed.

If NO FUEL message is displayed, refuel the tank according to the previous instructions.
If the display shows READY, you can restart the unit.

WARNING!

The device will automatically shut down when:

- the fuel burns out (the "NO FUEL, REFUEL WHEN THE DEVICE IS COOLED" message will change to "NO FUEL" message once the device cools down),
- the temperature of the device is too high (COOLING THE DEVICE TEMPERATURE TOO HIGH message).

INFO! To avoid abrupt switching off when the temperature approaches the critical level, the flame size will be reduced to 50%. The device will restrict the ability to increase the flame size – when you try to increase the flame size the message will appear.

If the temperature of the device will still rise, the device will switch off. Once the temperature drop to the safe level the flame size can be increased again.

- the device is moved or it senses seismic shocks (COOLING THE DEVICE. DEVICE HIT message)
- the device is tilted (COOLING THE DEVICE. DEVICE TILTED message)
- the safe level of carbon dioxide in the room is exceeded (COOLING THE DEVICE. CO_2 LEVEL TOO HIGH message)
- any occurrence that evokes ERROR message takes place.

III. Customer's Menu

Customer's menu is the setting center of the device. Access to the menu is possible while the device displays the message READY or NO FUEL.

To access the Customer's Menu you should hold the <+> button on the control panel for 8 seconds. The menu can be scrolled by pushing <+> button, and the choice selection can be confirmed by using <-> button.

```
MAIN MENU:          Display OFF
Device IP           Fast Start
WIFI CONFIG         Serial number
MTZ mode            Software
Lock the device     History
Child lock
Set time
Remote Control
```
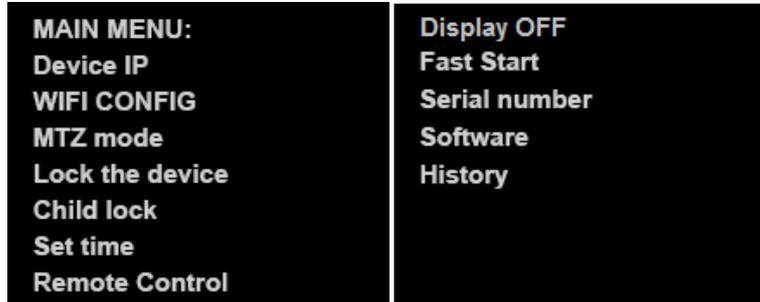
Position of the menu	Function	What do we use it for?
Device IP	Checking the IP of the device (Only if WIFI has been configured)	In order to control the device remotely, after WIFI configuration the displayed IP address must be entered in the browser on the mobile device.
WIFI CONFIG	WIFI Configuration	See point III.1)
MTZ mode	Configuration of the outdoor temperature module	See Point III.2)
Lock the device	Device Lock	After choosing this option, control panel of the device will be locked. This will prevent from third party interference in the operation of the device. You can release the lock by holding down the START / STOP button for 5 seconds.
Child lock	Child Lock	The control panel buttons start responding after 3 seconds. This prevents accidental interference in the operation of the device.
Set time	Date and Time Setting	Change of time and date shown on the display.
Remote Control	Remote configuration	Thanks to this option we will program a new remote control or connect more devices to one remote. Follow the instructions on the display.
Display off	Setting of the display saver	Enabling this function will turn off the display after a period of inactivity. Turning off will cause the saver to remain minimally illuminated at all time.

Fast start	Activation / deactivation of accelerated firing	This function is factory-set. Thanks to this the device fires up faster. This feature increases the power consumption by approximately 100W.
Serial number	Serial Number	Displays the serial number of the device. This number is unique and has its own documentation at the Planika office.
Software	Software version	Displays the software version of the device.
History	Message History	Displays the history of the messages shown on a display within a specified time range.

1) WIFI Configuration

WiFi CONFIG is a function thanks to which it is possible to control the FIRE LINE AUTOMATIC by using mobile device. It must have WiFi and a web browser.

Controlling the FIRE LINE AUTOMATIC with your mobile device will allow you to:
- fire it up (when the message READY is displayed),
- switch it off (the message COOLING THE DEVICE or READY appears),
- regulate the height of a flame level,
- lock and unlock the device,
- change the controlled FIRE LINE AUTOMATIC to another model on the same network.

In addition to the above mentioned functions, the WiFi configuration will also allow you to check the serial number, software version, web page version, and total working time of FIRE LINE AUTOMATIC.

Configuration

MAIN MENU:
Device IP
WIFI CONFIG
MTZ mode
Lock the device
Child lock
Set time
Remote Control

After entering the customer's menu and highlighting the Wi-Fi CONFIG option, press "-" button.

WIFI CONFIGURATION:
CONNECT TO
planika123
OPEN WWW PAGE
planika.net
180 second to exit
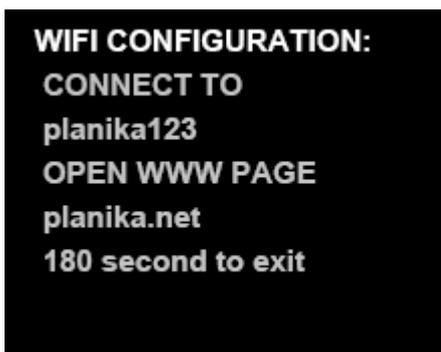
The screen will appear:

When this screen appears, follow the on-screen instructions:

1. Turn on WiFi connectivity on the device you want to control the fireplace from. Then, from the available networks, select a network named "**planika123**". If you do not see the name in the available networks - unplug the fireplace for about 10 seconds and repeat the configuration.
The network 'planika123' does not require a password, so the connection will be established automatically. On mobile phones, the connection is most often signaled by the appearance of an icon 📶 on the top of the display. If the icon does not appear, go to your browser and enter the name of any page. A properly connected mobile device will inform about lack of connection to the internet.

2. After connecting to the 'planika123' network, go to the configuration page. To do this, open any browser (Internet, Safari, Chrome, etc.) on your mobile device and enter "**planika.net**".

If the mobile device is correctly connected to the planika123 network, the following screen will appear:

This is a temporary configuration screen. It is not used for targeted service of FIRE AUTOMATIC.
To begin configuration of the targeted connection, you should go to the **"SETTINGS"**.
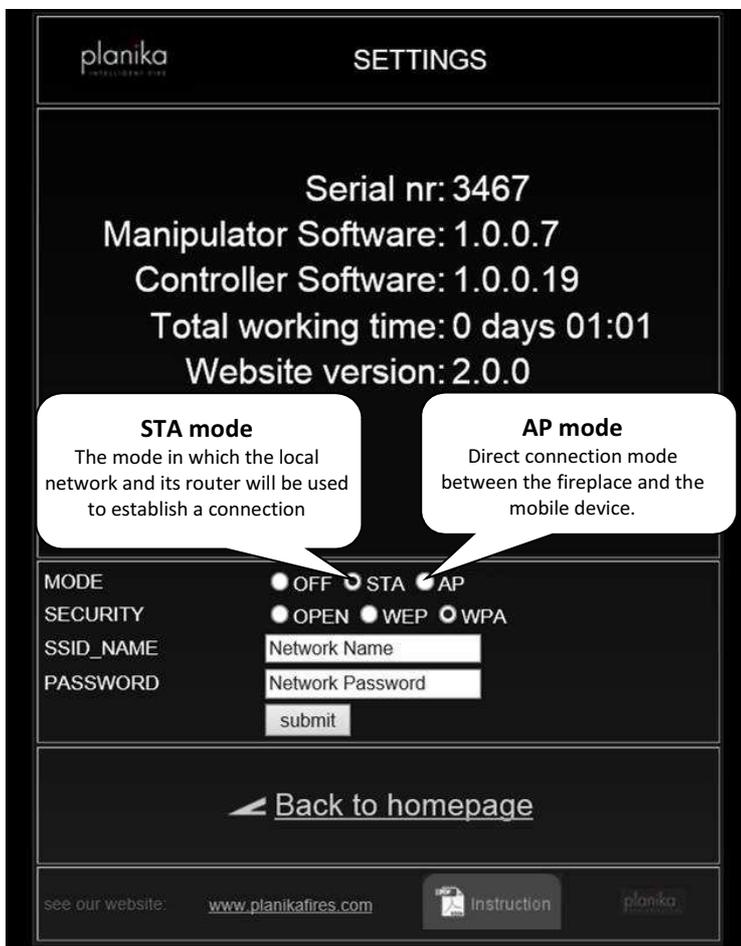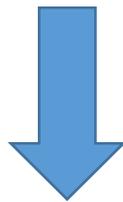
The configuration screen 'SETTINGS' is used to enter the network data that will eventually connect the FIRE LINE AUTOMATIC to the mobile device.

3. Configuration of the WiFi connection is based on completing the **MODE, SECURITY, SSID_NAME** and **PASSWORD** fields as well as confirming by pressing <**submit**> button.

MODE	OFF	STA	AP
	The OFF mode prevents the device from being controlled by the WiFi device.	In STA mode, we connect the fireplace and the mobile device to an existing local network. This can be a local internet network, as long as we know its name, password and encryption. A router is also required.	In AP mode, we directly connect the mobile device with the fireplace.
SECURITY	--	Choose the same encryption as in the network which we connect to (mostly WPA / WPA2).	Choose any encryption: WEP (older) or WPA (newer). In practice, both protections will be effective.
SSID_NAME	--	Enter the exact name of the network which you want to connect to.	Enter whatever network name we want to create.
PASSWORD	--	Enter the exact password of the network which you want to connect to.	Come up with the password for created network. Please note that the password must be at least 8 characters long.
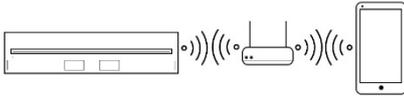
After entering all the details, click <**submit**>. The wireless connection icon 📶 should disappear

How to get a connection?		- connect your mobile device to the same network, which data was entered during the Setup, - from the fireplace Client Menu, from the Device IP position, read its IP address. The read IP address should be similar to 192.168.X.X. - enter the IP address to the browser of the mobile device. Control page appears on the screen.	- connect your mobile device to the same network, which data was entered during the Setup, - from the fireplace Client Menu, from the Device IP position, read its IP address. The read IP address should be similar to 192.168.X.X. - enter the IP address to the browser of the mobile device. Control page appears on the screen.

2) MTZ Mode - external temperature module

MTZ is a wireless device used for measuring the temperature. It gives you the possibility to set it in protection mode or in the room temperature adjustment mode.
For the proper installation of MTZ mode, please read the installation manual first.
After selecting MTZ mode and pressing the "-" button, on the screen you will see this menu:

MTZ mode:
Room temperature
MTZ Working Mode

MTZ Mode:		
Room temperature	After choosing function **CONTROL** below - temperature setting, which is supposed to be in the room. MTZ wirelessly lowers or increases the level of flame to maintain the chosen temperature. To reduce the impact of external factors on the temperature (door opening, windows), the device operates with a delay of approximately 5 minutes.	
MTZ Working mode	OFF	MTZ is not active
	Protection	When you want to use the MTZ module to protect your device (eg TV) placed above the device. The MTZ must be mounted on the lower edge of the device that is sensitive to high temperatures. In this case, the device switches off when the temperature on the sensor reaches 60 °C.
	Control	When you want to use the MTZ module to regulate the temperature in the room - MTZ should be mounted at a distance of at least 1 m from the FIRE LINE AUTOMATIC. This mode allows for of room temperature control in the range of 18-26 °C every 1 °C. When this function is activated, the temperature is automatically set to 22 °C

IV. Information and warning alerts

The device is equipped with information and alarm communication system. That keeps you informed about the status of your device by displaying the corresponding message on the display. If it detects a malfunction, <ERROR> message will be displayed.

No message, ⏻ button is lit	The device is connected to the mains, but remains dormant.	To start operating the device, press the red button on the control panel. In this mode, the device does not respond to commands sent from the remote control, the configured device nor buttons on the control panel.
READY	The device is connected to the mains and ready to start.	You can start from point 2. and refuel or from point 3. and immediately start the device.
NO FUEL	The fuel reservoir is empty.	Refill the fuel following the description in point 2. of the User's Manual.
Reservoir Full	The fuel reservoir is full.	Disconnect the fuel hose. Close the filler bolt. You can start the device now.
PLEASE WAIT	The device is starting.	Wait until the flame appears.
WORKING	The device is in working mode	Do not leave the device unattended.
WORKING TEMPERATURE TOO HIGH	The device is in working mode. The temperature approaches the critical level	The flame size will be reduced to 50%. The device will restrict the ability to increase the flame size. Do not leave the device unattended.
NO FUEL REFUEL WHEN THE DEVICE IS COOLED	The fuel has run out however the device is too hot to restart it.	Please wait until the device displays the NO FUEL message. Only then can the fuel be replenished in accordance with the point no. 2 of the User's Manual
COOLING THE DEVICE	Protection against too fast restart of the hot device is active.	Wait until the device cools down. The message will change to READY. When the message COOLING THE DEVICE is displayed, the fans that accelerate the cooling of the device switch on.
COOLING THE DEVICE TOO HIGH	The acceptable device operation temperature has been exceeded.	Wait until the device cools down. The message will change to READY. When the message COOLING THE DEVICE is displayed, the fans that accelerate the cooling of the device switch on
COOLING THE DEVICE DEVICE HIT	The device has been hit	Wait until the device cools down. The message will change to READY. When the message COOLING THE DEVICE is displayed the fans that accelerate the cooling of the device switch on
COOLING THE DEVICE DEVICE TILTED	The device has been tilted	Wait until the device cools down. The message will change to READY. When the message COOLING THE DEVICE is displayed the fans that accelerate the cooling of the device switch on
COOLING THE DEVICE CO2 LEVEL TOO HIGH	The concentration of CO_2 has been exceeded	Wait until CO_2 level in the room diminishes. It is advised to open the windows or open the door to adjacent rooms.

ERROR 01	There was a fuel spill or leak detected.	Turn off the device. Wipe visible moisture. **If the spillage is excessive the source of power needs to be disconnected**. Leave the device switched off for at least 1h. If the message is still displayed after restart, turn off the device for a longer time. If this does not solve the problem call SERVICE.
ERROR 02	An error of the heater temperature sensor.	Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE.
ERROR 03	An error of the furnace temperature sensor.	
ERROR 04	An error of the reservoir temperature sensor.	
ERROR 05	Movement sensor actuated.	If the device was moved during operation. The message will disappear with the disappearance of the source of movement.
ERROR 06	An error of the fuel level probe.	Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE.
ERROR 10	The heater is damaged.	Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE.
ERROR 14	Limiting switch K2	Call SERVICE.
ERROR 15	The device is tilted (set on a non-levelled surface).	Switch off the device using the red button on the control panel. Level the surface on which the device stands and restart the device.
ERROR 16	Exceeded temperature of the heater sensor.	Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE.
ERROR 17	Exceeded time of waiting for the appearance of flame.	
ERROR 20	Too low temperature in the hearth while turning on.	Turn off the device using the red button and try to restart the device.
ERROR 21	Too low temperature in the hearth during operation.	Turn off the device with the red button and wait until it cools down. Try to restart the device.
ERROR 31	Fuel spilled within fuel pump	Turn off the device with the red button and wait at least 1h. Try to restart the device. If the message does not disappear wait longer until the moisture evaporates completely. If the message does not disappear call SERVICE.
ERROR 32	Main fuel pump work issue	Turn off the device using the red button on the control panel. Turn it on after a while. If the message does not disappear call SERVICE.

V. Cleaning and maintenance

Switch off the device before cleaning. Wait until the temperature of the device gets close to the ambient temperature. To maintain appropriate technical condition of the device, please observe the following rules:

- Powder coating of the furnace is not resistant to abrasion. Clean the furnace with a soft cloth and water to avoid causing cracks and scratches.
- When purchasing and dozing cleaners, be sure to protect the environment and comply with the recommendations of manufacturer.
- It is forbidden to clean the inside of the device by unauthorized persons.
- The manufacturer does not foresee a situation where it will be necessary to clean elements not normally available.

The manufacturer is not liable for damage resulting from:

- improper operation (disobeying rules included in User's Manual)
- self-dismantling
- attempts to modify
- using other liquids than those recommended in point VI. Fuel.

VI. Fuel

To ensure the safety of the device it has to be refilled with recommended FANOLA® liquid or other in accordance with European Union directive N.162/2013 for 86-96,6% ethanol with contaminators regarding density, viscosity and electrical conductivity. These properties must be identical to the properties of recommended FANOLA® liquid. For more information please contact the manufacturer. Use of any other fuel is strictly forbidden, as it may lead to improper operation of the device, damages and hazard to health and safety of its operators. Manufacturer will not accept any responsibility in case of using any other fuel than recommended (i.e dehydrator and/or super purified ethanol with more than 96,6% ethanol volume) or any other which doesn't meet above mentioned properties.

VII. Disposal and recycling

The product is equipped with parts made of aluminium, steel, plastics and electronics. If you need to dispose ofthe device follow the terms of disposal and recycling specific for your country.
Moreover, dispose of the empty Fanola containers to plastic waste baskets.
Most of the materials used in Planika devices can be recycled.

If you have technical problems or other questions that require clarification, please contact your dealer.
FANOLA® fuel recommended for this product has received following certification:

VIII. Service

If you have any technical problems or questions, please do not hesitate to contact your distributor or visit our page www.planikafires.com/service and follow the instructions on the page.