



**OPERATING MANUAL**

*GENIUS MRN gas system*

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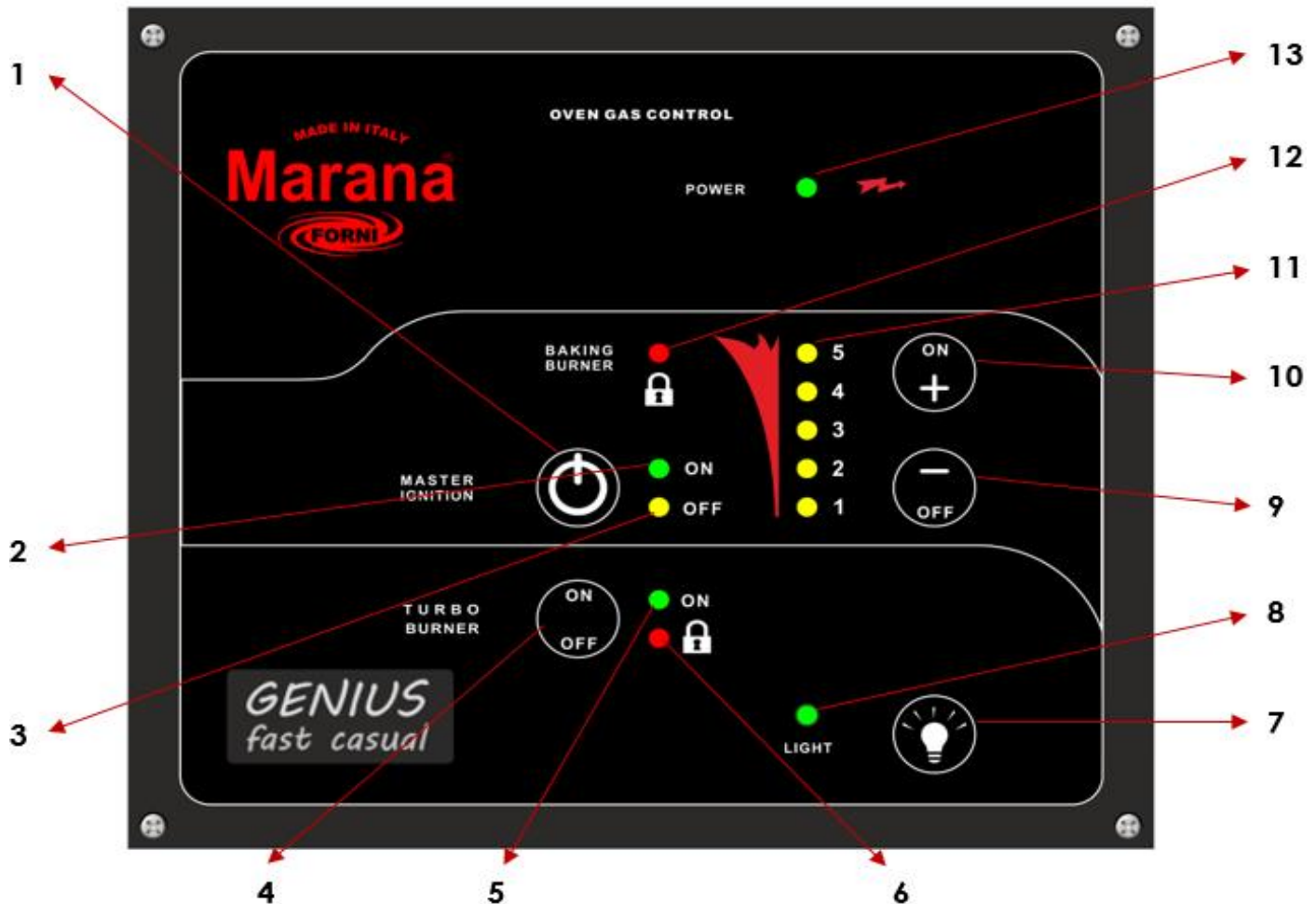
**MF GAS FAST CASUAL GENIUS with  
COMPLETE GAS SYSTEM MARANA:**

**N°1 Lateral Gas Burner (BAKING BURNER) +**



**N° 1 Gas Burner Under Cooking Plate (TURBO BURNER)**

## MF GAS FAST CASUAL GENIUS CONSOLE



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## MF GAS SYSTEM FAST CASUAL GENIUS FUNCTIONS AND USE

### A. MARANA FORNI GAS MF AND FAST CASUAL GENIUS ROTARY OVEN SYSTEM - AUTOMATIC MODE

**Automatic Fast Casual Genius.** The fast casual genius system uses the 1 cookplate revolution cooking/time concept.

**Introduction:** The fast casual **GENIUS** system has been equipped with the intelligence required for fully automatic performance the cooking functions, with no operator intervention. The functions range from programming of the oven's temperature during the use, the quantity of flame used during cooking, modulation of the burner flame in relation to oven temperature, to on-off operation of the turbo burner which heats the cook plate for perfect cooking of the underside of the pizza.

To be able to work in automatic mode, the fast casual **GENIUS** system, needs two **GENIUS** consoles connected together and must both be switched on, and the gas console must be set in automatic mode.

#### **Fast casual GENIUS system switch-on procedure**

Switch on the oven console and then the gas console.

**AT SWITCH-ON, THE FAST CASUAL GENIUS SYSTEM WILL BE IN AUTOMATIC MODE.**

### B. GENIUS ROTARY OVEN CONSOLE PROGRAMMING AND FUNCTIONS

**Functions:** Oven switch-on, cook plate pause, oven emergency total stop, programming setting, cooking time display, oven temperature display, cooking controls, display of oven mode status (cooking in progress or not) and programming mode, power on display, working or programming mode buzzer.

**Programming:** The cooking time, temperature display in Fahrenheit or Celsius, loading rotation speed, unloading rotation speed and cooking temperature can be programmed on the oven console.


**Important:** DURING AUTOMATIC OPERATION, THE USER HAS ONLY TO GIVE THE COOKING COMMAND.



### C. OVEN CONSOLE GENERAL ON/OFF Use: (a)

**Oven console general switch-on:** Make sure that the power on led (i) shows a steady green light and hold down the ON-OFF button (a) for more than 2 seconds; the display (j) will switch on and the oven cook plate will start to turn.

The user can now switch on the gas console or program the rotary oven console.

**General switch-off:** Hold down the button (a) for two seconds; to confirm the switch-off, the display (j) goes off and the cook plate stops.

- D. PROGRAMMING THE COOKING TIME** Use: (d)  - Joystick (n)  
COOKING TIME PROGRAMMING AUTOMATICALLY SETS THE COOK PLATE INSERTION, EXTRACTION AND ONE-TURN COOKING SPEED.
- Programming:** With the oven console on, press the SET button (d) once; the led (h) will come on and the display (j) will show the time. Move the Joystick (n) in the "+" or "-" direction to increase or decrease the setting. The cook plate rotation speed will be varied automatically. The values will be changed by 5 seconds for every command given.
- Important:** To quit the programming mode, press the button (d) again for 3 seconds, or wait 10 seconds.
- Important:** During setting, if no button is pressed for more than 10 seconds the system will quit the programming mode.

- E. SETTING THE OVEN TEMPERATURE** Use: (d)  - led (e) .
- MINIMUM TEMPERATURE SETTING **50 ° Celsius**, MAXIMUM TEMPERATURE SETTING **450 ° Celsius**.  
MINIMUM TEMPERATURE SETTING **122 ° Fahrenheit**, MAXIMUM TEMPERATURE SETTING **850 ° Fahrenheit**.
- Operation:** When the oven temperature is reached, the baking burner switches to maintenance mode, modulating the flame to keep the oven at the set temperature (default function).  
The baking burner flame can also be turned off completely when the set temperature is reached. See "point N".  
The TURBO burner turns off automatically when the set temperature is exceeded and restarts automatically when the temperature drops below the setting.
- FUNCTIONS ONLY ACTIVE WITH BURNERS IN AUTOMATIC MODE**
- Setting the oven temperature:** Switch on the oven console and press the set button "d" several times, until the led "e" comes on; now move the Joystick (n) in the "+" or "-" direction to increase or decrease the temperature setting, which is shown on the display (j).
- Important:** To quit the programming mode, press the button (d) again for 3 seconds, or wait 10 seconds.
- Important:** during setting, if no button is pressed for more than 10 seconds, the system will quit the programming mode.

## F. "FAST CASUAL GENIUS" GAS CONSOLE PROGRAMMING AND FUNCTIONS

**Functions:** Console switch-on, burner ignition, baking burner flame adjustment, flame value on display, programming settings, safety blocking mode reset, manual/automatic mode, power on indication, programming mode indication, working or programming mode buzzer, fuel saving mode (programmed in the factory) and cookplate anti-overheating mode (programmed in the factory).

**Programming:** Automatic cooking flame, baking burner and turbo burner automatic/manual mode, single flame settings from 1 to 5, flame modulated or off during oven temperature maintenance.

## G. "FAST CASUAL GENIUS" GAS CONSOLE SWITCH-ON AND SWITCH-OFF. Use: (1)

**General switch-on:** Make sure that the power on light (13) shows a steady green light and the yellow light (3) is flashing and hold down the MASTER IGNITION button (1) for more than 2 seconds; the "ON" light (2) illuminates with a steady green light and the burners can now be lit.

**General switch-off:** hold down the button (1) for two seconds; to confirm the switch-off, the green light (2) goes out and both burners will be off.


## H. BAKING BURNER AND SETTINGS. Use: (10) - (9)





**Lighting the baking burner.** Make sure that the general gas console switch-on procedure point "G" has been carried out and hold down button (10) on the gas console for more than 2 seconds. The burner will ignite at the maximum power, with all the lights (11) 1 to 5 illuminated to confirm this.

The burner is in automatic mode, confirmed by the flashing of led (2).

If the red led (12) comes on as a result of this ignition operation, the burner is blocked. Refer to "point M" for further information.

**Switching off the baking burner.** In manual mode, hold down the button (9) for more than 2 seconds; this will switch off the baking burner and the lights (11) will go out to confirm this.

- I. **COOKPLATE HEATING TURBO BURNER** Use: (4) 
- Lighting the turbo burner:** Make sure that the general switch-on procedure point (A) has been carried out and hold down button (4) for more than 2 seconds; the led (5) will flash green to confirm ignition of the burner. The burner is in automatic mode. If the red led (6) comes on as a result of this ignition operation, the burner is blocked. Refer to "point M" for further information.
- Switching off the turbo burner:** In manual mode, hold down button (4) for more than 2 seconds; the light (5) will go out to confirm that the burner has been switched off.

- J. **CONSOLE/BURNER MANUAL MODE** Use: (1)  - (4)  - (10)  - (9) 
- Introduction:** The gas console has to be used in manual mode for the performance of some programming procedures.  
MANUAL MODE IS IDEAL FOR PERFORMING TESTS AND FOR IDENTIFYING THE DATA TO BE INSERTED IN AUTOMATIC MODE
- Console in manual mode:** With the console operating in manual mode, console operations and burner functions all require the presence of the operator. For example: the operator will reduce the flame setting if the oven is at the required temperature, will decide whether to ignite or switch off the turbo burner, will choose the cooking flame size, etc. It is important to remember that the operator must always decide what to do in all circumstances, using the controls described, based on requirements as they arise.
- Activating the baking burner manual mode:** Make sure that the burner is on and press button (1) once; the green led (2) will show a steady light and manual mode is enabled.
- Manual adjustment of the baking burner:** Use the buttons (10-9) to set the flame as required.
- Restoring baking burner automatic mode:** press button (1) once; the green led (2) will flash and automatic mode is activated.
- Activating the turbo burner manual mode:** Make sure that the burner is on and press button (4) once; the green led (5) will show a steady light and manual mode is enabled.
- Restoring turbo burner automatic mode:** press button (4) once; the green led (5) will flash and automatic mode is activated.



**K. AUTOMATIC FLAME SETTING DURING PIZZA COOKING** Use: joystick (n)- (10)  - (9)



SETTINGS ONLY AVAILABLE WITH BAKING BURNER IN AUTOMATIC MODE

Use the oven console joystick (n) to give a cooking command; the flame will automatically switch to the last setting, led (11). The setting can be increased or decreased using the gas console buttons (9 – 10). The led (11) indicate the quantity of flame being programmed.

The setting will be retained until reprogrammed.

**L. INDIVIDUAL FLAME CALIBRATION:** Use: (10)  - (9)  - (7) 

The baking burner has 5 flames. Each of the 5 flames has individual settings from 1 to 5.

**Individual calibration of each flame:** With the burner ignited in manual mode, with the green led (2) steady, press buttons (9-10) to select the number of the flame to be calibrated (see lights 11), then hold down button (7) for more than 3 seconds until the flame level led (11) start to flash, and use the buttons (9-10) to calibrate the level of the flame, choosing a setting from one to five.

**WARNING: IF THE BURNER FLAMES TEND TO GO OUT AFTER CALIBRATION, SET HIGHER CALIBRATION VALUES.**

**Important:** during setting, if no button is pressed for more than 10 seconds the system will quit the programming mode.

**M. BURNER CUT-OUT AND RESET** use: (1)  - (4) .

Burners have a safety blocking mode device and go out in the event of a malfunction. When the safety blocking-mode is tripped, the red led (12) of the baking burner and the red led (6) of the turbo burner illuminate on the gas console and the buzzer sounds.

**Resetting the safety cut-out:** To reset the safety blocking mode, hold down button (1) for the baking burner or button (4) for the turbo burner.

AFTER IDENTIFYING THE CAUSES IGNITE THE BURNERS AS DESCRIBED IN POINTS " **A-B-C**"

## N. FLAME SWITCH-OFF OR MODULATION ONCE THE OVEN IS AT THE OPERATING TEMPERATURE

Use: (7)  - (1) 

By default, in automatic mode the burner starts to modulate the flame to maintain the oven at the set temperature, but it can also be set to switch off by enabling the specific function.

This function enables burner switch-off when the oven temperature is more than 5°C above the set temperature; it reignites when the set temperature drops by 1°.

**GIVING THE JOYSTICK BAKING COMMAND REIGNITES THE FLAME TO ALLOW BAKING TO TAKE PLACE.**

**Programming the flame switch-off/modulation function:** With the burner lit in manual mode, green led (2) steady, hold down the button (7) for 3 seconds until the baking light flashes, then press button (1) until a continuous buzzer is heard.

When the new option has been selected, the led (8) flashes green to confirm the flame switch-off function; if the light is off, the flame modulation function is active.

**Important:** To quit the programming mode, press the button (7) again for 3 seconds, or wait 10 seconds.

**THIS FUNCTION IS ONLY ACTIVE WITH BAKING BURNER IN AUTOMATIC MODE**

## O. OVEN AND GAS CONSOLE PROGRAMMING LOCK-OUT Use: (d) - Joystick (n)

programming can be locked out by entering code 333.

Control of baking using the joystick and flame variation during baking will still be enabled.

**Entering the programming lock-out code:** Press the set button (d) several times until the lights (g – f) come on and three zeros appear on the display j; the code can now be entered. Move the joystick (n) in the + (k) direction three times to set the first figure 3, then confirm with set. Repeat the operation with the joystick (n) and the set button (d) until the code 333 has been completed. Pressing the set button (d) for the last time confirms the lock-out and the system quits programming mode.

**Deactivating the programming lock-out code:** Press the set button (d); the lights (g – f) come on and three zeros appear on the display (j), and the code can now be entered. Move the joystick (n) in the + (k) direction three times to set the first figure 3, then confirm with set. Repeat the operation with the joystick (n) and the set button (d) until the code 333 has been completed. Pressing the set button (d) for the last time confirms the lock-out and the system quits programming mode.

**P. CHECKING THE GAS CONSOLE PROGRAM VERSION** Use: (1) 

The console can be reprogrammed in response to updates to the program. The Marana Forni technical services may ask you to specify the version you are using, to allow it to proceed correctly in the event of updates.

**Checking the version:** With the gas console in OFF status, yellow led (3) flashing, press button (1) once. One of the yellow led (11) will start to flash; check the number of the led (1 to 5) and count the number of flashes (max 9).

Example: Flashing light is number 3, number of flashes 5, program version 3.5.

**Q. CHECKING THE OVEN CONSOLE PROGRAM VERSION** Use: (a)  - display (j)

The console can be reprogrammed in response to updates to the program. The Marana Forni technical services may ask you to specify the version you are using, to allow it to proceed correctly in the event of updates.

**Checking the version:** Switch on the oven with button (a); letters and numbers indicating the version will appear on the display (j) for a few seconds. Example: G11.

**R. TO CHANGE ROTATION DIRECTION OF THE COOKING PLATE**

Switch off the control panel with the ON/OFF button, keeping the joystick lever pushed towards the desired rotation direction (left or right). Switch on the control panel again with the same button, releasing the lever after hearing a short sound.