

Austin Intelligent Geyser

This is an intelligent electric water heater with triple power selection 800watt, 1200watt and 2000watt. This model differs from other traditional geysers; it features an electronic automatic temperature control system for precise heating performance. User can adjust its power level based on temperature requirements, ensuring fast heating and energy saving. It provides hot water consistently and enhanced safety with its advanced electronic control system.

Features:

- **INTELLIGENT OPERATION:**
Hassle-free and Bluetooth-controlled via mobile phone
- **SAVES ELECTRICITY**
Most efficient use of energy by unique and sophisticated technology. It pays its own price by saving electricity.
- **TWO TIME SETTINGS:**
The Intelligent Geyser has two programmable time Settings (zones). User can program the geyser to automatically turn the electric heater 'ON' and 'OFF' at preset times.
- **HEATING POWER SELECTION:**
800, 1200 and 2000 watts
- **NO WATER/DRY-RUN PROTECTION:**
The intelligent geyser checks water before heating and turns 'OFF' the electric heater if no water is detected preventing dry-run and heating element damage.
- **ELECTRIC SHOCK PROTECTION:**
Saves your life and prevents injury.
- **BLUETOOTH CONTROLLED**
Programmable from your mobile phone.
- **OVER HEAT PROTECTION:**
Prevents injury and saves Geyser from damage

Operation:

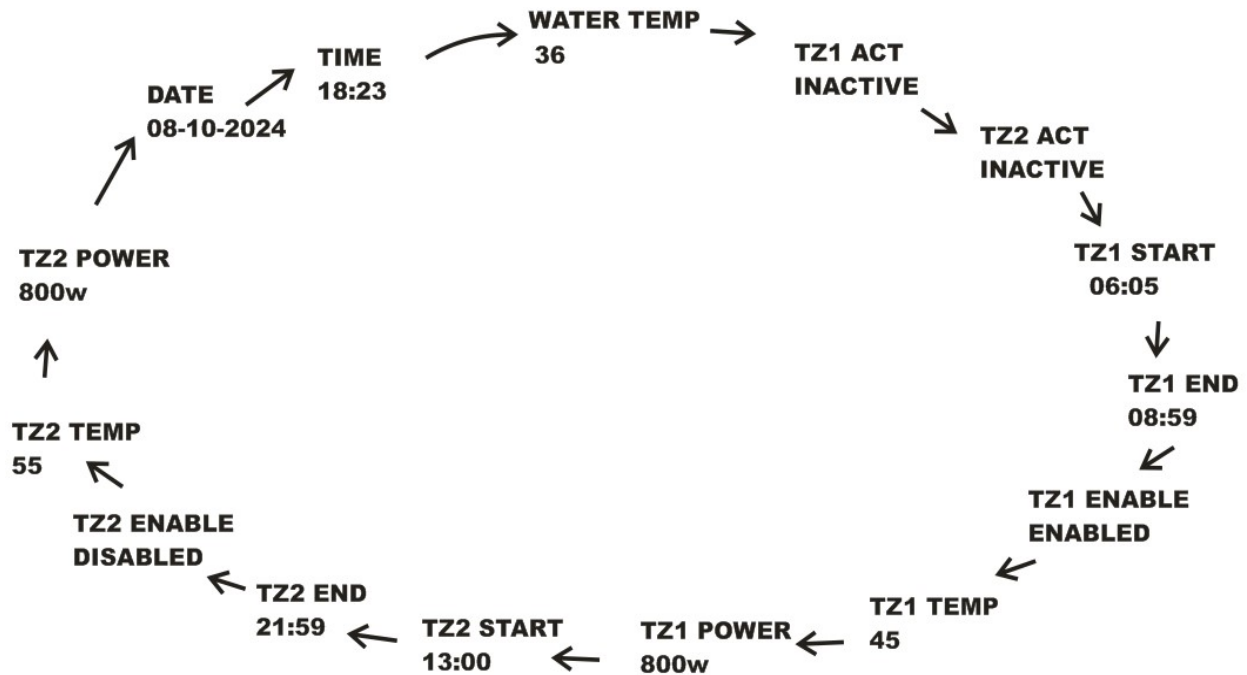
When the electric geyser is switched on, it first performs the self test. If no water is detected, it displays no water. Otherwise, it continues to normal heating operation. The user has option of setting two independent time zones according to hot water needs. Both time zones have independent temperature set points and power selection. The duration of time zones can also be set independently. Overlapping of time zones is not allowed. Each zone can be enabled or disabled independently. The geyser has a built-in RTC which maintains the local time. If current RTC time falls within any defined time zone, Austin marks this time zone as 'ACTIVE'. The thermostat function is performed only in active time zone. Within active time zone, when the water is colder 5 °C from the set temperature, electric heater turns 'ON'. When water temperature reaches the set OFF point, electric heater is turned 'OFF'. The electric heater is turned ON again only if the water gets 5 °C colder and time zone is still active.

When the time zone is inactive, temperature is measured and displayed only but the electric heater is not turned ON.

Note: The time format is 24 Hours.

Graphic User Interface:

The status information is displayed only one item for three seconds. All items cycle one-by-one. The second line displays the name of status item. The third line displays its status/value.



The information displayed includes:

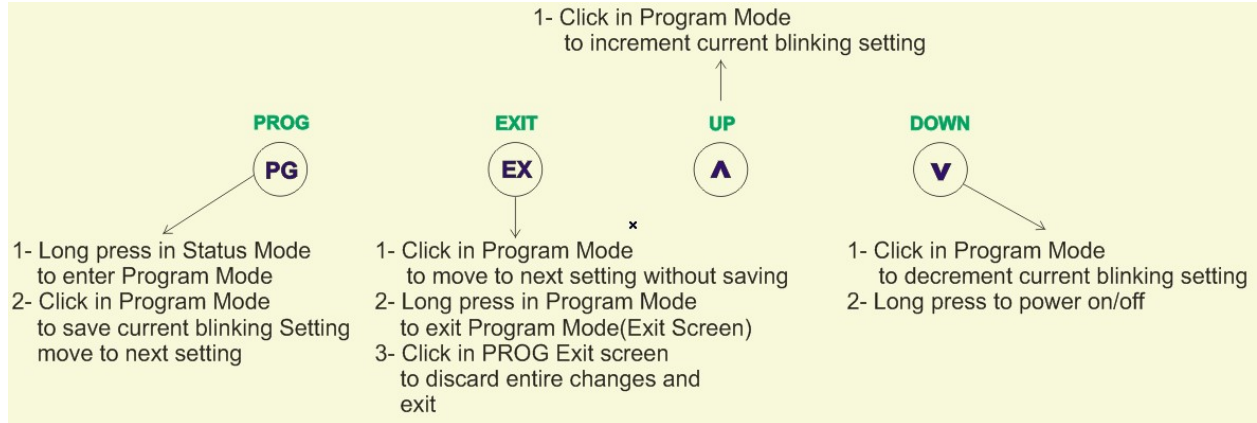
- 1- Current water temperature in degrees centigrade.
- 2- TZ 1 Activation Status (Active/Inactive)
- 3- TZ 2 Activation Status (Active/Inactive)
- 4- TZ 1 Start time (HH:MM in 24 Hour format)
- 5- TZ zone 1 End time (HH:MM in 24 Hour format)
- 6- TZ 1 Enable Status (Enabled/Disabled)
- 7- Temperature Set Point for Zone 1 in degrees centigrade
- 8- Power selection for TZ 1 in 800w, 1200w, and 2000w
- 9- TZ 2 Start time (HH:MM in 24 Hour format)
- 10- TZ 2 End time (HH:MM in 24 Hour format)
- 11- TZ 2 Enable Status (Enabled/Disabled)
- 12- Temperature Set Point for Zone 2 in degrees centigrade
- 13- Power selection for TZ 2 in 800w, 1200w, and 2000w
- 14- Current Date (DD-MM-YYYY)

15- Current Time (HH:MM)

Note: The water temperature, heater status and power selection are displayed on the screen after one minute of operation.



Note: Press PG Button to resume normal status display.



1- **PROGRAM:** Long press starts the programming mode. Hours of time zone 1 time start blinking. The user can change this value by pressing UP or DOWN buttons. The value cycles among the valid values. The user clicks PROGRAM to set this value and go to minutes or clicks EXIT to leave the value and go to minutes.

All settings are changed in the similar fashion.

2- **EXIT:** This button skips a setting by short click in program mode. The long press quits program mode and resumes normal operation.

3- **UP:** It increases the blinking value in program mode.

4- **DOWN:** It decreases the blinking value in program mode. The long press in status mode electric geyser turns ON/OFF.

NOTE: User can also program these setting via Mobile phone.

Settings/Programming:

The Intelligent geyser is programmed through front panel display and four push-buttons. A long press (3 seconds) of PROG button changes the mode from 'STAT' to 'PROG' in first line. All settable items display one at a time. The value to be set blinks rapidly. The user can change its value by pressing UP or DOWN buttons. Once the desired value appears, the user can save it by short press of PROG button or discard it by pressing EXIT button. The date and time are only set after pressing PROG while the minutes blink. All parameters are saved in the memory while exiting the programming mode. Press EXIT button for 3 seconds. A message is displayed,



Now, press PROG to save all parameters or discard all parameters which were skipped by short press of EXIT.

The following items are programmable through buttons.

- 1- Time zone 1 Start time (HH:MM in 24 Hour format)
- 2- Time zone 1 End time (HH:MM in 24 Hour format)
- 3- Time zone 1 Enable Status (Enabled/Disabled)
- 4- Temperature Set Point for Zone 1 in degrees centigrade
- 5- Power selection for TZ1 in 800w, 1200w, and 2000w
- 6- Time zone 2 Start time (HH:MM in 24 Hour format)
- 7- Time zone 2 End time (HH:MM in 24 Hour format)
- 8- Time zone 2 Enable Status (Enabled/Disabled)
- 9- Temperature Set Point for TZ2 in degrees centigrade
- 10- Power selection for TZ2 in 800w, 1200w, and 2000w
- 11- Current Date (DD-MM-YYYY)
- 12- Current Time (HH:MM)



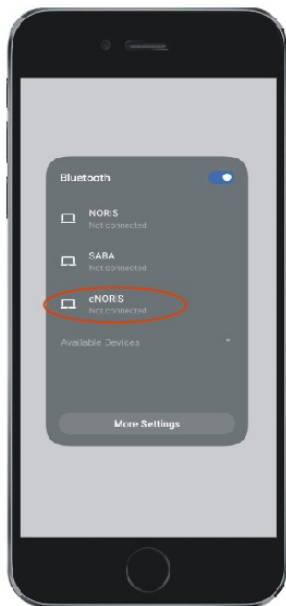
PROG
TZ1 START
15 :00



PROG
TZ1 POWER
800w

NOTE: During date setting, year is set first to calculate leap year.

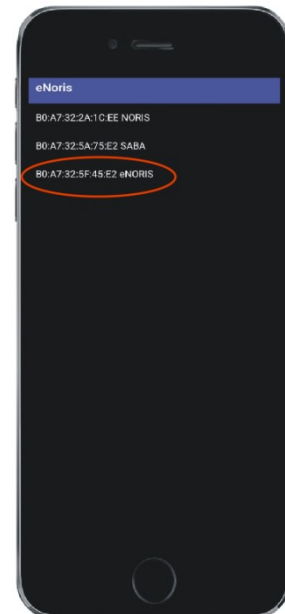
Settings/Programming by Mobile app:



1. Turn on Bluetooth and connect to eNoris



2. Open eNoris app and Click on Bluetooth icon



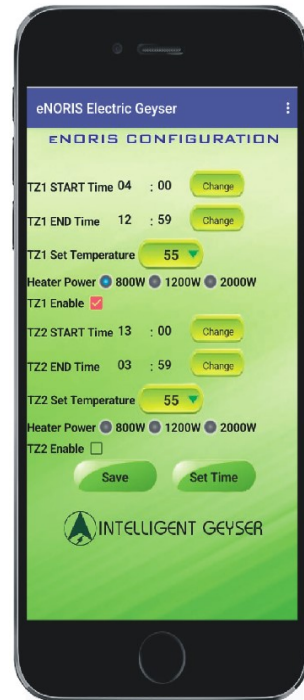
3. Select the eNoris device address



4. Electric heater is turned 'ON'



5. Click on the configuration button



6- After configuration click on save button.



7. Electric heater is turned ON/OFF

Electrical characteristics:

S.No	Parameter	Specification/description	Unit/Range
1	Operating voltage	Standard supply voltage	220-240 V AC
2	Power Rating	Heating element capacity	800w,1200w,2000w
3	Frequency	Supply frequency	50HZ
4	Current consumption	Depend on power heating	2000w = 9.1amp 1200w = 5.4amp 800w = 3.6amp
5	Temperature Range	Digital control	20 ⁰ C - 65 ⁰ C
6	Thermal cutoff	Safety protection against over heating	95 ⁰ C
7	ELCB	Mandatory for safety	20m Amp
8	Control option	Display, Bluetooth	

Note: For safe operation, 7/29 copper wire is recommended for wiring