# SWIMMING POOL MONITORING SYSTEM



# User Manual



# Kompact and Kompact+ M9
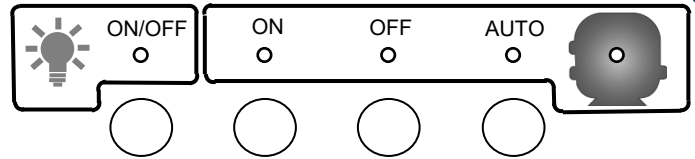
*Read carefully and keep for future reference*
*Please study the manual closely, before bringing the system into service (version 4.2)*

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2 - Printing restrictions mean that the displays shown in this booklet may vary from those actually appearing on the product.
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# KOMPACT M9 USER GUIDE
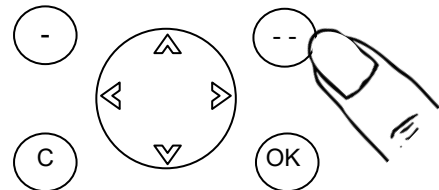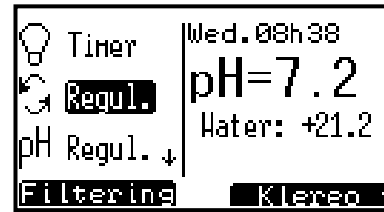
## I –Filtration and Lighting keys

If you press the ON or OFF button of the filtration, a red light is ON, the filtration enters the maintenance mode (forced ON or OFF).

⚠️ In this case, the safety related to the flow detection is deactivated. To re-establish this safety function, press the AUTO filter button.

If you press the AUTO button, the filtration will operate according to the programmed mode in the filtration menu.

If you press the light button, it will turn off automatically after the period programmed in the timer mode.

## II – Navigation in the Klereo menus

| Key | Definition |
|---|---|
| (-) (- -) | Screen selection keys: each display defines the function of these keys. Their functions vary from menu to menu. |
| ⟨△▷▽⟩ | Brows key: for browsing and sometimes for changing values displayed.. |
| OK | Confirm key: for accessing a sub-menu or confirming an action. |
| C | Back or Cancel key: for cancelling an action or returning to the previous menu |

| Klereo | Messages |
|---|---|
| | Sensors |
| | Filtering |
| | Water treatment* |
| | Lighting |
| | Auxiliary A |
| | Maintenance |
| | Control mode |
| | System status |
| | Parameters |
| | Software |

## III –Maintenance

- The pH and ORP sensors must be calibrated at least at the beginning of each swimming season (follow the instructions in the Maintenance/Calibration menu).
- The Santoprene tubes of the dosing pumps must be replaced in case of wear.
- pH and chlorine injectors must be cleaned or replaced in case of wear.
- For a better regulation please adjust at least once a year :
    - The alkalinity of the water TAC: The value must be between 100 and 200 mg/l. Use the Taylor balance in the Water treatment/balance pH menu to enter the TAC and TH (water hardness) values and determine the balance pH of the water. This should ideally be between 7.2 and 7.4 (7.6 if bromine treatment).
    - The stabilizer: The value must be between 15 and 30 mg/l.

\*only in installation mode

## Table of Contents

## 1 DESCRIPTION

You have just purchased your Klereo Kompact/Kompact+ system M9. It regulates the filtering cycles depending on the water temperature and the pool characteristics (volume in m3, power and flow rate of the filter pump). It regulates also the pH and disinfectant

The Kompact M9 kit is composed of a pH regulation. For the disinfectant you can choose: liquid Chlorine, Salt Chlorinator, Bromine. or  active Oxygen.

Klereo Kompact M9allows piloting 6 more outputs: heating, pool lighting, cleaning robot, spa, counter current system, garden lighting, fountain, and so on  .

The default set-up of Kompact is as follows:
- Filtering regulation
- pH regulation
- Disinfectant regulation
- Heating
- Lighting
- An auxiliary function (Aux A): cleaning robot, spa, counter current system, garden lighting, fountain, and so on.

This set-up is adjustable .According to your wish, you can modify the following functions:
- Lighting can be replaced by a second auxiliary function (Aux B) or a dosing pump to add flocculent

To modify functions, refer to the installation manual

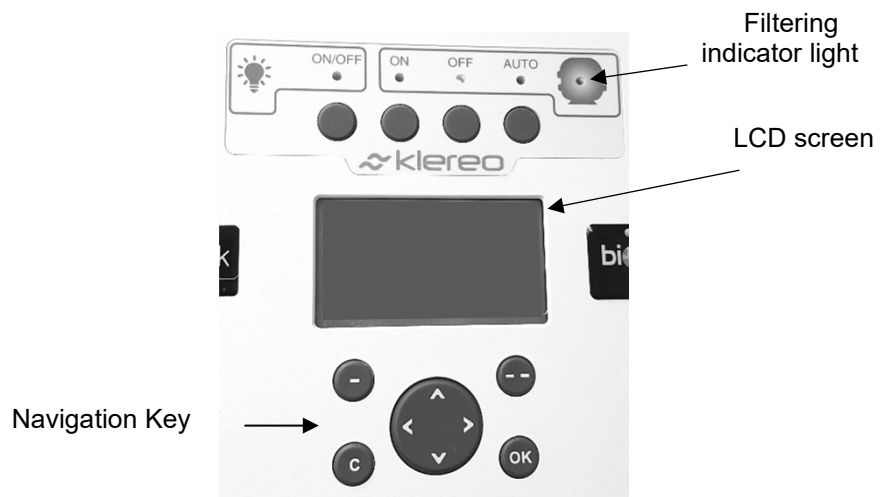## 2  KLEREO INTERFACE



*Figure 1.        Klereo Kompact/Kompact+ M9 display and navigation buttons*

The filtration indicator light is :

- Steady green when the filtering is permanently ON (manual ON)
- Flashing green when the filtering is on for a cycle (regulated / time slots or external command)
- Flashing red when filtering is not possible because of a security or a fault.
- OFF when filtering is stopped.

If you press the AUTO button, it will operate according to the programmed mode in the filtration menu. The AUTO button indicator light is :
- Flashing green when the filtering is ON for a cycle (regulated / time slots or external command).
- OFF when filtering is stopped.

If you press the ON or OFF button of the filtration, a red light is ON, the filtration enters the maintenance mode (forced ON or OFF).

> <u>Warning:</u>
> <u>In this case, the safety related to the flow detection is deactivated. To re-establish this safety, press the AUTO filter button.</u>

If you press the OFF button of the filtration a red light is ON, it means that the filtration is in forced OFF.
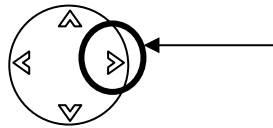
If you press the light button, the pool light is in timer mode and will automatically turn off after the programmed period. This period is set by default to 4 hours; you can change it by accessing the lighting menu. The indicator LED on the button is:
- flashing green when the lighting is on for a cycle (time slots or timer)
- Steady green when the lighting is on continuously (manual ON)
- Switched OFF when the lighting is OFF

<u>Browse:</u>

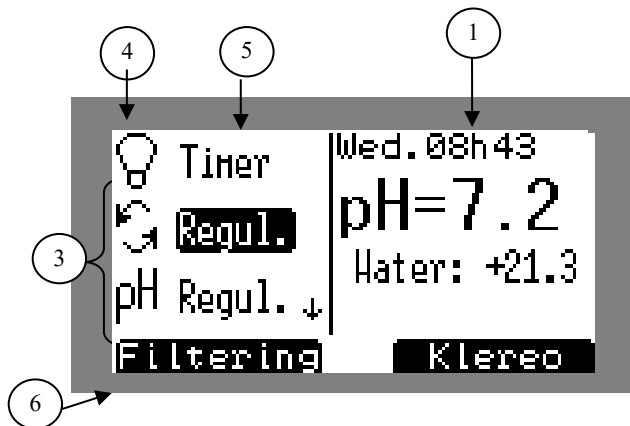| Key | Definition |
|---|---|
| (-) (--) | Screen selection key: the functions for these keys are listed in the display at the bottom of the LCD screen. The functions vary according to the menu shown. |
| (arrows) | Browse key: for browsing and sometimes for changing values displayed. |
| (OK) | Confirm key: for accessing a sub-menu or confirming an action. |
| (C) | Back or Cancel key: for cancelling an action or returning to the previous menu |

The browse key        Quick access to the « system status »

When pressing the arrow on the right,  you will get a screen with the Klereo system status. It will provide a summary of filtering, heating and water treatment (pH + disinfectant) settings.

## 3 HOME SCREEN

Once the display is switched on, It displays the following home screen:



1. Date and time. Alternately with "messages" if any.
2. pH and water temperature values
3. Display area for status functions*.
4. Function symbols*
5. Programmed modes and status of functions*
6. Shortcut to selected function*

*equipment connected to Klereo Kompact control box (lighting, Filtering, heating if installed auxiliary

*Figure 2.      Home screen*

Browse

| Key | Definition |
|---|---|
|  | key menu access key |
|  | Shortcut key for direct access to the programming menu for the chosen function |
|  | Browse key: For selecting lighting, filtering, heating (if installed) or Auxiliary |
| OK | For accessing a sub-menu or confirming an action |
| C | No function on this screen |

The values of the pH, air and water temperature sensors flash when filtering is stopped. Their display is steady when filtering is running for at least 10 min. Wait for 30 to 90 min with ORP.

## 4  MAIN MENU

Press screen selection key  to access main menu, use the browse key to select the required sub-menu and press OK to enter.

The main menu is used to access the pool functions and other sub-menus:
– **Messages:** to read the pool alerts.
– **Sensor value:** list of sensors value
– **Filtering, Lighting, Heating, Auxiliary:** to parameter the different pool equipments.

- **Maintenance: to** indicate the different elements consumptions.
- **Control Modes**: to select between "comfort" and "eco" mode
- **System Status**: shows the operational status of the Klereo system
- **Parameters:** to access system parameters
- **Software:** to know the installed software version and do the updating.

| Klereo | Messages |
|---|---|
| | Sensors |
| | Filtration |
| | Heating (if installed) |
| | Lighting |
| | Auxiliary A |
| | Consumption |
| | Control modes |
| | System status |
| | Parameters |
| | Software |

Important box

⚠

**IMPORTANT**

*In case of message, the symbol « MESSAGES » flashes on the top right end of the display alternately with the date and time. A sub-menu « messages » is then added in the main menu listing.*
.

## 5 SENSORS VALUES

To check the values measured for the sensors, go to the menu :

| Klereo | Sensors |
|---|---|

Values are transmitted by the Kompact control box unit

The pH and ORP values shown are only used for regulation after a filtration period of 10 min (pH) and 30 to 90 min (ORP).

## 6  PROGRAMMING FILTERING, LIGHTING AND AUXILIARIES

You can access these functions by going through the main menu or using the shortcut selection key on the home screen.

### 5.1 Available programming modes

| Function | Programming Mode | Operating Mode |
|---|---|---|
| Filtering | Regulated | Filtering regulated according to water temperature |
| | Time slots | Operation programmed in time slots |
| | Manual | Always ON or OFF |
| Lighting | Force Filt. | Filtering is ON when lighting is ON |
| | Timer | Automatically turned OFF at the end of the setup time. |
| | Time slots | Operation programmed in time slots |
| | Manual | Always ON or OFF |
| | Force Filt. | Filtering is ON when the auxiliary is ON. |

| | | |
|---|---|---|
| Auxiliary | Timer Frequency Aux | Automatic shutdown at the end of the programmed time period
In the case of Aux, it is possible to set a recurring timer trip. |
| | Time slots | Operation programmed in time slots |
| | Manual | Always ON or OFF |
| | Filtering Sync | Auxiliary is on when filtering is on. |

**The option: Force filtration,** is available for the lighting and auxiliary functions.

It enables filtering to be started up at the same time as the operating periods defined for lighting and/or auxiliary systems outside the filtering periods calculated or planned for treatment. Essential when using a booster pump for a cleaning robot. The auxiliaries can also be operated at the same time as the filtration by selecting the "filtration synchronization" mode.

If another auxiliary (B, 1 or 2) is set up, a corresponding menu will appear with the same available programming modes as for auxiliary A.
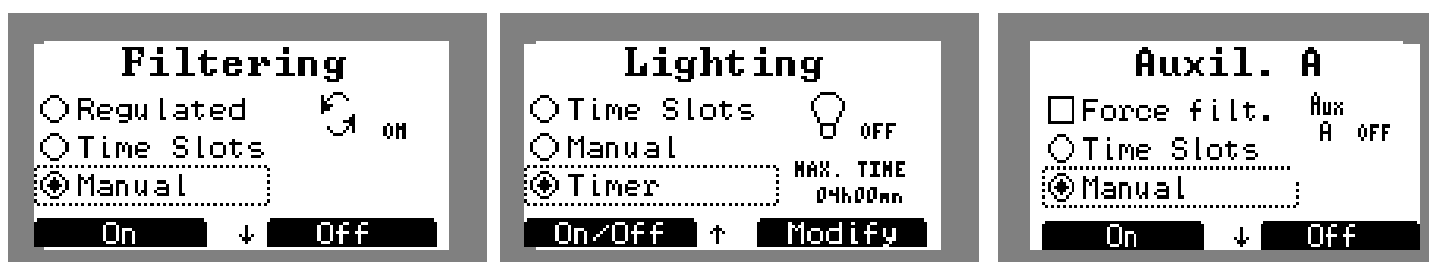


Figure 3. Programming screen

Browse:

| Key | Definition |
|---|---|
| ( - ) | **On** in manual mode (On/Color for lighting) and **On/Off** in timer mode |
| ( -- ) | For confirming the change of programming mode and performing the following actions: **Stop** in manual mode, **Modify** in timer or time slots mode and **Info** in regulated mode |
| (browse key) | Browse key to select the programming mode. |
| (OK) | For accessing a sub-menu or confirming an action |
| (C) | Cancel or return to previous menu |

### 5.2 Manual Mode

The manual mode is for setting the function ON or OFF.

If filtering is on OFF manual mode, Klereo system will not regulate water treatment and heating. A message «filt. manual off» will appear on the display.

### 5.3 Regulated Mode (Filtering)

With this mode filtering is regulated according to the water temperature.



*Figure 4.     Filtering programming screens in regulated mode*

Press screen selection key ⊙ below « info » to visualize  the current filtering daily time slots . To obtai this information, filtering must have been on for at least 10'.

Press screen selection key ⊙ below « avanced » to access  2 additional funstions:

> ***Daily max:*** this function allows you setting up the number of maximum daily hours that you want filtering to be on. Set up by 15 min time slot, minimum 8h, maximum 24 h.

> ***Prohibited filtering time:*** this function allows you setting up one or more time slots during which you do not wish filtering to be on. Time slots are adjustable by 15 mn slot.

> For example: you can forbid the filtration from 2pm to 3pm, the time to take a nap by the pool without being disturbed by the noise of the filtration.

### 6.4 Time Slots Mode

With this mode you can decide the filtering time slots that you wish to program.

For filtering, lighting and the  auxiliaries you can define time slots with a 15 min minimum duration time. For filtering, time slots must be at minimum 2 hours in a row. Indeed, to guarantee a good treatment regulation (pH and disinfectant), filtering programming must include 2 consecutive hours minimum time slots
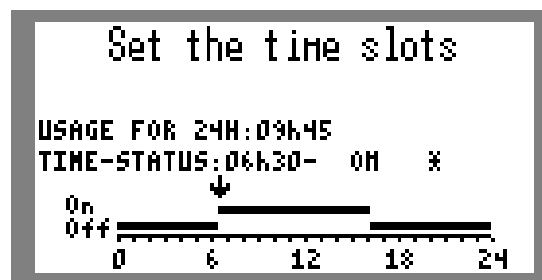


*Figure 5. Time slots mode adjustment screen*

<u>Browse:</u>

| Key | Definition |
|---|---|
| △▽◁▷ (OK) | △▽     change of status: On / Off   ◁▷     change of time slot. Time slot is adjustable with 15min.time step* |
| (OK) | confirm |

| | |
|---|---|
| Ⓒ | Cancel or return to previous menu |

*\* Programming time is indicated above the programming slots bar.*

## 6.5 Timer Mode

With this mode, lighting and auxiliaries will automatically turn off at the end of the programmed time. This mode works with lighting and auxiliaries. You can adjust the timer with1 minute time slot, the minimum duration being 2 minutes with a maximum of 4 hours.
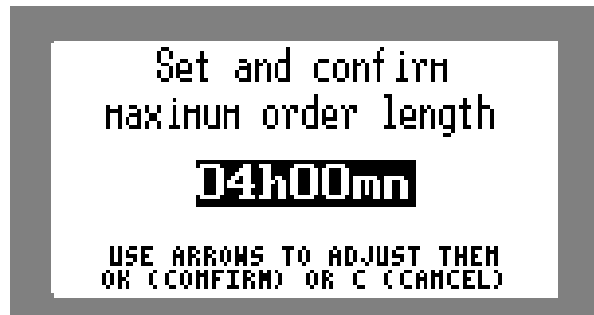


*Figure 6.        Timer mode adjustment screen*

The timer mode of the lighting and auxiliary outputs can be programmed with a recurrence of every hour, every 2 hours, daily, 2 times a week (every Wednesday and Sunday), weekly (every Sunday), 2 times a month (every 1st and 15th of the month) or monthly (every 1st of the month).

When the timer mode is checked, you must exit the menu and re-enter to select recurrence:
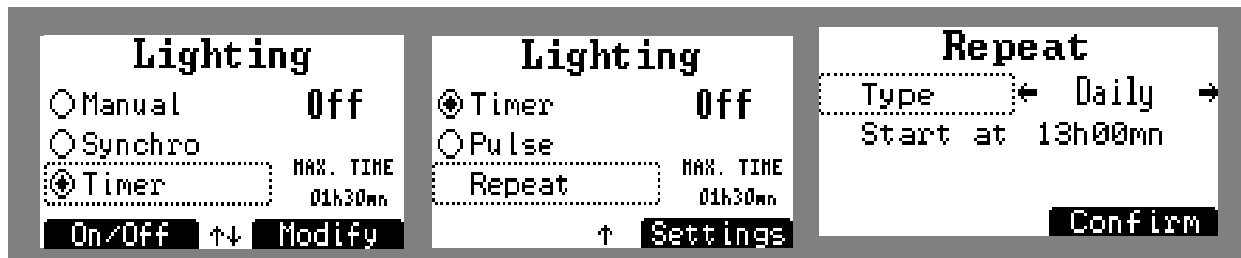


*Figure 7.        Recurrence Programming screens*

Browse :

| Key | Definition |
|---|---|
| (arrow pad) | For changing duration time |
| OK | Confirm |
| Ⓒ | Cancel or return to previous menu |

**NOTE :**

KLEREO central units are compatible with Klereo Valve backwash systems which operate with filtration ON.

Klereo valve is 230V power supplied via an available auxiliary output.

In the corresponding auxiliary menu, you select the "timer" mode which we recommend setting to 2 to 4 minutes (minimum duration).

You can then manually trigger the backwash after cheking that there is enough water in the pool to carry out the operation.

If you have an automatic leveling water feedersystem for your pool, you can program backwashes by selecting the "frequency" sub-menu in the corresponding auxiliary menu. You then choose the recurrence. We recommend "monthly", or even 2 times a month in case of high use of the pool.

## 6.6 Synchronized Mode

With this mode, lighting or an auxiliary will work at the same time as filtering does. The auxiliary output will be activated 10s after filtering starts.


## 6.7 Filtering Tracking

This function will start filtering in order to control water parameters (temperature, pH and ORP) and activate heating and/or water treatment if necessary (for example during the night).
You need to set the recurrence of filtering start (from 1 to 12 hours –default value is every 4hours)  in order to control water temperature and/or water quality.
Filtering will start for 10 to 15 min. If water temperature or water parameters are below the target values, filtering will carry on and heating and/or water treatment will start as well.
Make sure that heating and/or water treatment priority have been selected  (refer to : Configuration of priorities and safety devices in the installation manual)

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⚠️
**IMPORTANT**

**When filtering tracking is selected, this function has the priority over all the other filtering modes (regulated, time slots, manual) including manual OFF.**

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## 6.8 OPERATING MODE OF VARIABLE SPEED PUMPS

Klereo can control variable speed pumps. The installation and programming of the pump must be carried out according to the pump producer's recommendations (see your pump's manual) The connection of the pump to the Klereo control unit must be done correctly according to the pump producer's recommendations and the Klereo installation manual.

### 6.8.1 Manual Mode

In manual mode, press the __ and __ keys to increase or decrease speeds and stop the pump.



*Figure 8.        Manual mode setting screen*

### 6.8.2 Time Slot Mode

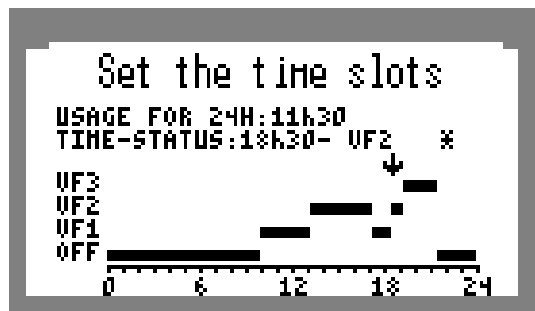You can program several speeds at different time slots in steps of 15min.



*Figure 9.        Manual mode setting screen*

### 6.8.3 Regulated Mode



*Figure 10.        Regulated mode setting screen*

By pressing the display selection key (--) under "info" you can view the calculated filter range for the day. To get this information, the filtration must have been running for at least 10 minutes.

By pressing the screen selection button (-) under "advanced" you can access the settings for two advanced functions:
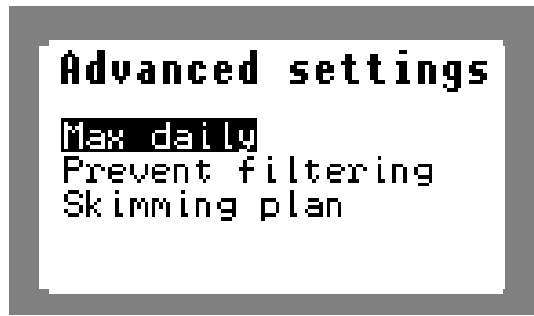
*Figure 11.     Advanced Regulated Mode Setting Screen*

**Daily max:** this function allows you setting up the number of maximum daily hours that you want filtering to be ON. Set up by 15 min time slot, minimum 8h, maximum 24 h.

**Prohibited filtering time:** this function allows you setting up one or more time slots duringwhich you do not wish filtering to be ON. Time slots are adjustable by 15 mn slot. For example: you can forbid the filtration from 2pm to 3pm, the time to take a nap by the pool without being disturbed by the noise of the filtration.

***Skimming Schedule:*** this allows you to program a skimming time slot. This is done at a high pump speed (to be programmed during installation).
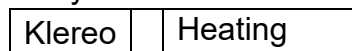


*Figure 12.     Skimming Schedule Setting Screen*
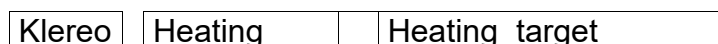
### 7 HEATING

The menu « Heating » is displayed once a heating system is installed. If is not the case, check the installation manual, Outputs assignment, to set up P-Q output in heating mode.

You can access the heating menu by going through either the main menu or the shortcut selection key on the home screen

| Klereo | | Heating |
|--------|--|---------|

### 7.1 Heating Target Value Adjustment

 Go to menu:

| Klereo | Heating | Heating  target |
|--------|---------|-----------------|

Heating can be programmed in OFF mode or AUTO (self-regulated mode). In self-regulated mode, enter the desired temperature target value and the heating system will stay ON until the water reaches the temperature target value. Heating regulation is not possible when filtering is OFF.

13

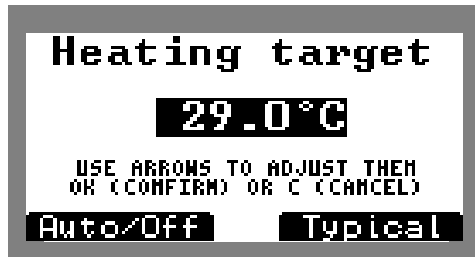**If there is no heating system, set the heating on 'OFF' position.**



*Figure 13.     Heating target value setting screen*

Browse

| Key | Definition |
|-----|------------|
| ( - - ) | Typical value: matches the default value set in the factory |
| ( - ) | Auto/Off: to stop heating or set heating in self-regulated mode |
| (arrows) | Change of target value |
| (OK) | Confirm |
| (C) | Cancel or return to previous menu |

### 7.2 Prohibit Heating

| Klereo | Heating | Prevent heating |

This function allows you setting up one or more time slots during which you do not wish heating to be ON.  For example, this allows you to stop the operation of a heat pump from 2pm to 3pm while you take a nap  near the pool.
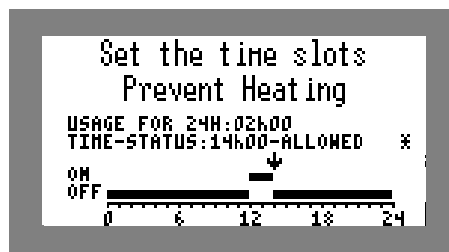


*Figure 14.     Prohibit heating setting up*

### 8  CONSUMPTIONS

This menu displays the pH and disinfectant consumptions as well as filtering, heating, lighting and auxiliaries outputs operating times according to set up equipment. Press any selection key to access to the list of parameters.

| Klereo | Maintenance | Consumptions |

## 9  CLEAR MESSAGES

This menu enables to clear posted messages, once read.

| Klereo | Maintenance | Clear messages |
|---|---|---|

If the message remains on, resolve first the problem associated so that the message can get cleared.

## 10 MAINTENANCE PROCEDURES

Check regularly the pool water level as well as water chemical parameters using a chemical analysis test kit.

Use regularly the cleaning robot or brush the pool walls.

Before conducting any operation on Klereo Kompact control box unit, turn off the power supply.

### 10.1 Changing Water Treatment Product

When you see an empty tank message, it means that you must replace the corresponding water treatment product feeder. Change the tank, using adapted protective wear (gloves, glasses, closed shoes…) in order to avoid chemicals projections on the skin:

### 10.2 Wintering

When wintering the pool, we advise to store pH and ORP probes as follows:
- remove the probe from the probe holder
- rinse the probe with tap water
- fill the protective cap with tap water
- put back the probe head into the protective cap
- or let the probes heads into a glass of tap water checking regularly that the heads are always into water.

---

*Important*

**The pH and ORP probe heads must never remain dry but should be stored in tap water.**
**Do not use distilled water.**
**Regularly check that the probe heads are well immersed.**

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**WARNING: If your technical room is outside (in the garden...) and the temperature of the water or air falls below 0°C, it is essential to winterize the probes (pH and ORP probes) as well as the pressure sensor in order to avoid any deterioration in the event of frost. Use the plugs (supplied in the kit depending on the model or available as an option) and install them on sensors connectors.**
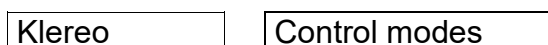
**Store them in a room temperate.**
**In this case, remember to deactivate the pH and disinfectant regulation and disactivate the pressure sensor.**

### 10.3 Swimming pool Re-Opening

At the start of every season, we advise to proceed as follows:

- Measure the water chemical parameters (TAS, TH, pH, Chlorine and stabilizer) and modify pH and ORP target values if necessary.
- Check the ph and ORP probes head
- Calibrate the pH probe:
- Check the ORP probe:
- Check the dosing pumps santoprene tubes (to be changed every year)
- Check pH and Chlorine suction and feed tubes of the peristaltic pumps and remove any impurities or crystalized chlorine.
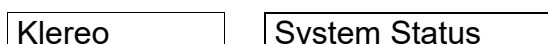- Check the pH and ORP target values.

## 11 CONTROL MODES
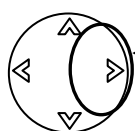
| Klereo | Control modes |
|--------|---------------|

With this menu, you can choose between the comfort and the eco mode:

- **Comfort mode** will always care of water quality. Indeed, when filtering time is coming to the end of its daily cycle, it will continue if one of the 2 parameters (pH and disinfectant) has not reached its target value. Filtering will stop when the target value is reached. This control mode is ideal during the season to guarantee the best water quality. Filtering will also continue till target heating temperature is achieved.
- **Eco mode** for energy savings. When filtering time is coming to the end of its daily cycle, filtering will stop even though one of the 3 parameters (temperature, pH and disinfectant) has not reached its target value. Regulation will restart the following day after the new filtering cycle has been initiated. This control mode can be used at the beginning and at the end of the season.

## 12 SYSTEM STATUS

| Klereo | System Status |
|--------|---------------|

This menu sums up the pool and its equipments information. Press any key to access the listing.

Quick access to the "system status"

Shortcut: the browse key
When pressing the arrow on the right, you will get a screen with the Klereo system status. It will provide a summary of filtering, heating and water treatment (pH + disinfectant) settings.

## 13 PARAMETERS

Some functions are not detailed into this manual but are available for consultation inside the installation manual as they have to be set up during installation: sensors set-up, equipments set-up, inputs set-up and installation tests.
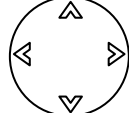
We present and explain below the sub-menus that might be useful to you using your klereo Kompact/Kompact+ during the season or when starting the season every year.

## INTERFACE

The **« Interface »** menu is used to set date and time, select language and adjust brightness and contrast on the screen. The date and time are set in the factory. This information should be modified when time periods are changed (summer-winter time).

| Klereo | Parameters | Interface | Adjust the date | |
|---|---|---|---|---|
| | | | Adjust the time | |
| | | | Language | |
| | | | Display settings | Contrast |

Browse:

| Key | Definition |
|---|---|
| (--) | Typical value in the backlight and contrast menu: matches the default value set in the factory |
| △ ◁ ▷ ▽ | △ ▽  change of values<br>◁ ▷  selecting active field |
| (OK) | For accessing a sub-menu or confirming an action |
| (C) | Cancel or return to previous menu |

## 14 SOFTWARE

This menu indicates your Klereo software version and enables to decide if you need an updating or not.

## 15 ACTIVATION OF THE KLEREO CONNECTION

Refer to the Klereo Connect manual.

## 16 PROBLEMS SOLVING

The following table shows the list of possible messages, their definition and how to resolve it.
For some messages, we have not detailed all possibilities but indicated a cross-reference number to additional tables at the end.

Example: «Sensor broken», the message will also tell you which sensor is broken. For instance, « pH sensor broken » meaning that the pH probe is defective:  you should check the probe wiring connection or calibration. If it still does not work after checking, change the probe. Proceed the same way when the message is « ORP sensor broken », « water temp. sensor broken » , …

| MESSAGES | DEFINITION | RESOLUTIONS |
|---|---|---|
| Sensor broken <br> +"sensor designation (3) | The sensor is defective | Check the probe wiring connexion / calibration. If negative, change the probe. |
| Invert pH/ORP | pH and ORP probes are inverted | Invert the probes |
| Low battery <br> + " Device name (1)" | The battery needs to be changed. | Change the batteries without delay |
| Minimum <br> +" sensor designation (3)) | The value measured by the probe is below the minimum set level. | Check the treatment product injections **or** Check the set values and modify them if necessary |
| Maximum <br> +" sensor designation (3) | The value measured by the probe is above the maximum set level | Check the treatment product injections **or** Check the set values and modify them if necessary |
| Not transmitted <br> +" sensor designation (3) | The probe has not transmitted for over 1 hour | Check the probe wiring connexion / calibration. If negative, change the probe. |
| Calibration/checking <br> +" sensor designation (3) | The probe is not calibrated or must be re-calibrated | Make calibration (installation mode) |
| "flow water analysis" | No water flow in the chamber of analysis | Check the flow switch and its set-up |
| Pool cover set-up | The pool cover set-up is wrong | Check the set-up |
| Water flow problem | The water flow is incorrect | Check the flow switch wiring connexion Check the flow switch operation in the menu: Klereo/ Parameters/ Tests-Install. / Inputs status (installation mode) |
| Insuf. filt. T.Slots | Minimum of 2 hours is necessary | Set up again the filtering time slot |
| pH>8 Ineff.disinfect | Disinfectant is inefficient as long as pH is that high | Check pH probe, the water treatment regulations and the injector valve condition. |
| Uncontrolled filtration | Kompact + does not control filtration. Filtration is forced or prohibited by an external device. ➔ Terminal 1-2 -3-4 ➔ Side push button (switch) | |
| Low filter pump flow | Filter pump undersized compared to the pool volume | Change the filtration pump |
| Regul. stopped | pH or disinfectant regulation has been stopped manually | Set up again pH and disinfectant treatments in regulated mode (installation mode) |

| Filt Manu. Off | Filtering is in manual mode « OFF » | Select with OK « regulated» or « time slots » or « manual» mode |
|---|---|---|
| Boost treatment | Filtering is forced for 24H | Filtration must be « ON » |
| Day limit injection **+ " Treatment probe designation (2)"** | Daily maximum quantity has been injected | Check probes, pool volume Chemicals injections. |
| Link Chlorinator | The Salt Chlorinator is matched but does not communicate with the Kompact/Kompact + central unit | Check communication cable |
| Bromine Problem | The ORP value does not increase.... | Check if there are tablets in the brominator and the valve operation in the menu: Klereo / Parameters / Tests-Install. / Regulation tests (installation mode) |
| Chlorinator cell | Short circuit problem or.... | Check message on Salt Chlor. display (ex lack of salt, gaz, overheating and so on) and possible short circuits |
| Sensor set-up problem | Selected sensors do not match the selected water treatment | Check the selected treatment mode |
| Salt Chlor. security. | The Salt Chlorinator cannot produce …. | increat the water temperature more than the programmed security level or increase ORP maximum value |
| Link problem **+ "Equipment name (1)"** | The Klereo treatment (1) is not matched with the Kompact | For matching go to menu: Klereo / Parameters / Set-up / Radio match |
| Sensor. ORP Very low | O.R.P. less than 50mv or more than 2200 mV | Check probe connection/calibration/change probe |

| Equipment designation (1) |
|---|
| Air temperature sensor |
| KLEREO 2 Salt Chl. |

| Treatment probe designation (2) |
|---|
| pH |
| ORP |

| Sensor designation (3) |
|---|
| ORP Kompact |
| Water Kompact |
| pH Kompact |
| Pool cover |
| Treat . tank |
| pH tank |

The Klereo Kompact electrical installation must be made by the approriate sate of the art professional respecting the local electrical standards.

Before conducting any operation on Klereo Kompact control box unit, turn off the power supply.

The water treatment products must not be placed directly on the floor. Install them on a waterproof rack. By using a drip tub to put each tank in, you avoid mixing chemical products in case of leaks. When handling chemical products, use protective wear: gloves and glasses.
It is also important to work in a sufficiently ventilated room to avoid fumes built-up.

Avoid any contact between liquid Chlorine, Bromine and pH- or pH+. Mixing the water treatment products is extremely dangerous. Klereo disclaim all responsibility.

## 18 BATTERIES AND ELECTRONIC EQUIPMENTS DISPOSAL
### IMPORTANT:

This equipment carries the 'waste separation' symbol for electric and electronic equipments recycling purposes. It means that this equipment must be taken care by a waste collecting system according to the 2002/96/CE EEC guideline in order to be either recycled or dismantled to eliminate any environmental damage. For more information, please contact your local governing administration.
Electronic products not going through a waste separation process are potentially dangerous to the environment and human health because of potential harmful substances.