



## Quick Reference Card

Please consult your spa user manual for complete info on the features of your spa system.

# in.k1000+

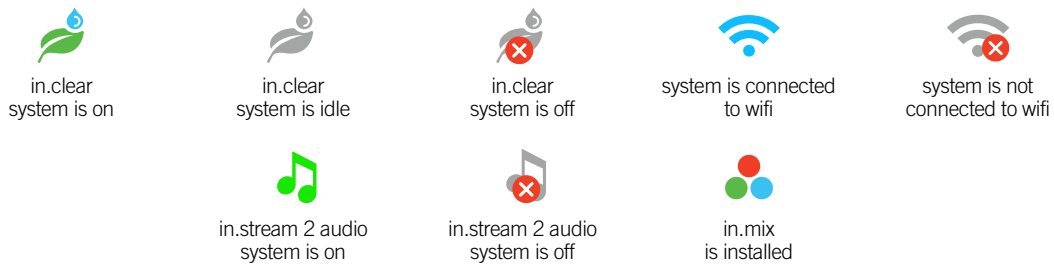
full-featured color capacitive touchscreen display keypad for spas

Gecko's new version of its in.k1000 capacitive touch screen display keypad boasts a new state of the art touch screen with more precise fingertip contact areas for accurate target selection, enabling easier and more precise interactions. in.k1000+ features optimal water resistance and lots of memory.



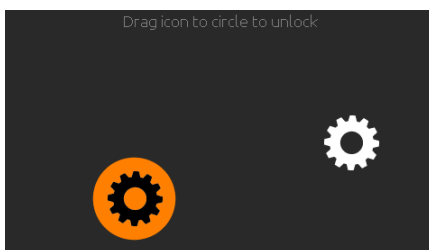
## notification icons

Notification icons at the top right-hand side of the screen show the status of connected value-added accessories.



## spas functions

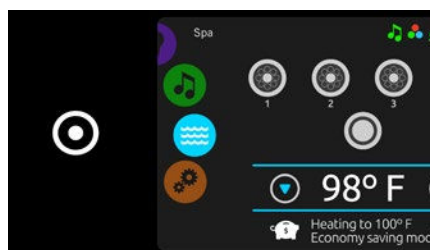
Quick and easy step-by-step instructions to control the main functions and to configure system settings of your spa from its in.k1000+ main spa keypad.



### turn keypad on

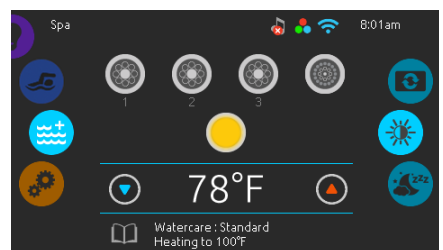
3 minutes after the last pump is turned off, the screen will shut off if there is no touch activity.

Touch the screen to turn on the keypad. Then follow the instructions on the screen to access the main screen.



### all-on, all-off target key

in.k1000+ features an all-on or all-off one touch activation key. When pressed, it stops or starts all working components and accessories at once.



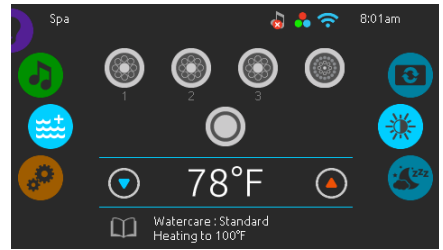
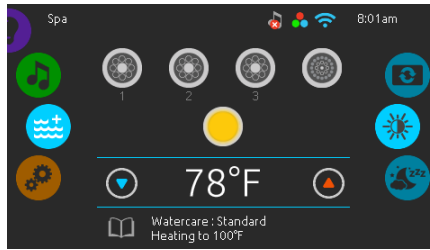
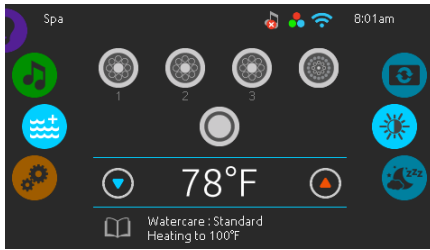
From the home page, you can access the following modes:

- swim (if configured)
- sanitization (with in.clear connected)
- audio (with in.stream 2 connected)
- color (with in.mix installed)
- spa
- settings

To select a mode, slide the left wheel up or down until the desired icon menu is highlighted in the middle.



## spa mode



### spa mode

To select the spa mode, slide the left wheel up or down until the spa icon is highlighted in the middle.

The home page will display its equipment start or stop keys, up and down buttons, water temperature, messages and quick access to display options:

- display orientation
- display contrast

To select an option, slide the right wheel up or down until the desired icon menu is highlighted in the middle.

### start or stop accessories

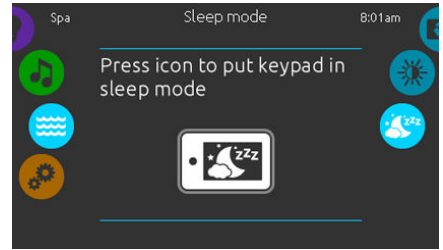
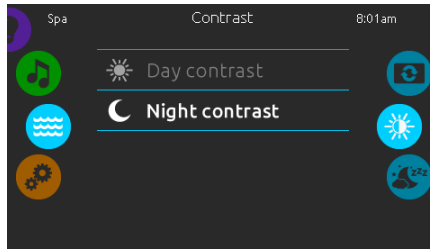
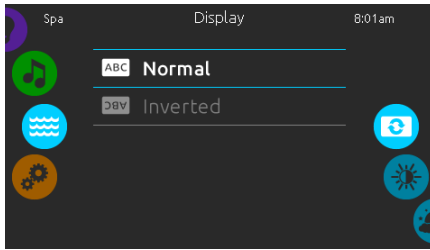
To start or stop an accessory (pump, blower, light), touch the associated icon. Icons will become animated when their accessory is turned on, and animation will stop when turned off.

Icons on the screen will reflect the speed or state of the devices running on your spa. When an accessory has more than one speed, press the button until it reaches the desired speed.

### water temperature

The temperature at the bottom of the screen shows the current water temperature. Use the Up and Down icon to set the desired temperature. The set point will appear in blue. After 3 seconds without any changes to the set temperature value, the current water temperature will reappear.

When the set value is lower than the current temperature, Cooling to xx.x will appear below. When the set value is higher than the current temperature, Heating to xx.x will be indicated under the value. Normally there is a short delay before the heating starts, during which Heating Suspended is indicated under the value.



### display orientation

To modify the display orientation settings, slide the right wheel until the display orientation icon is highlighted in the middle.

Simply touch the line of the orientation you want to select.

### display contrast

To modify the display contrast settings, slide the right wheel until the display contrast icon is highlighted in the middle.

Simply touch the line of the contrast you want to select.

### sleep

Press key to go directly into the sleep mode. In sleep mode, water splashing on the keypad can't inadvertently start/stop a pump.

## settings

You can use the Settings mode to manage settings of your spa system.



To select the settings mode, slide the left wheel up or down until the settings icon menu is highlighted in the middle.

In the Settings page you can access the following:

- water care
- heat pump (if installed)
- maintenance
- date & time
- keypad
- electrical configuration
- wifi
- miscellaneous
- about

To select an item, slide the right wheel until the desired icon is highlighted in the middle or press on the menu name.



## water care

The Water care page will help you set up your ideal filtration and heating settings. Choose, set or modify one of the 5 suggested modes depending on your needs at any given time.



### Away from home

In this mode the spa will always be in economy; the set point will be reduced by 20° F.



### Standard

The spa will never be in economy mode and will be filtering according to the pack's low level configuration.



### Energy Savings

The spa will be in economy mode during the peak hours of the day and resume normal mode on the weekend.



### Super Energy

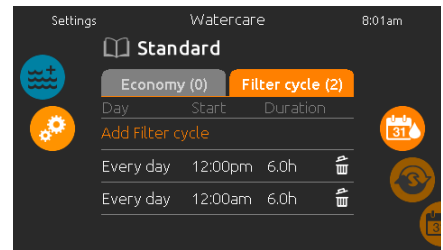
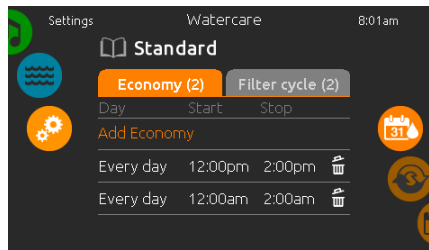
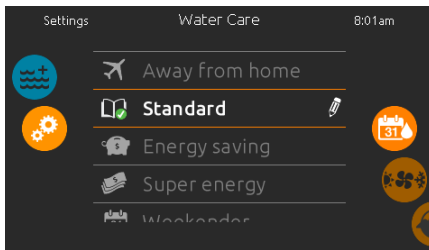
The spa will always be in economy mode during peak hours, every day of the week.



### Weekender

The spa will be in economy mode from Monday to Friday, and will run normally on the weekend.

## modifying water care schedules



### water care

To modify a Water care category, touch the pencil icon at the right end of the desired water care to open the selected Water Care menu.

### economy

Touch the Economy tab to change the economy schedule. You can add economy schedules by touching the orange line labelled "Add Economy".

To delete a schedule, touch the garbage can icon at the right end of the desired line.

### filter cycles

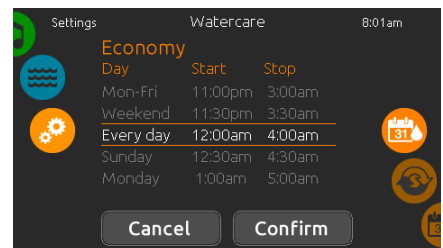
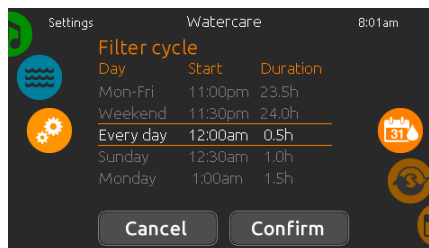
Touch the Filter cycle tab to change the filter cycle schedule. You can add filtration schedules by touching the orange line labelled "Add filter cycle".

To delete a schedule, touch the garbage can icon at the right end of the desired line.

*In Economy mode, the set point will be reduced by 20°F, which means that the heating system will not be engaged unless the temperature falls to 20°F below the spa's set temperature.*

*The filtration schedule show on the screen will be applied to the main filtration pump, most likely pump 1. If your spa uses a circulation pump configured to run 24 hours, the screen will show you the purge setting instead of filtration.*

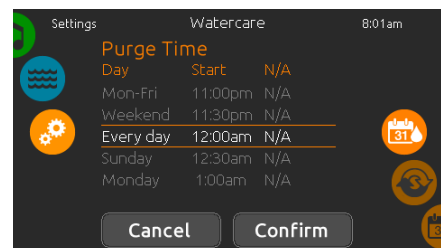
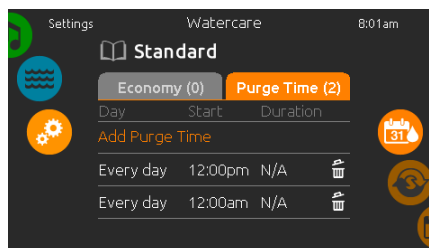
*The purges are pre-programmed for a fix number of minutes, therefore the duration will be set to N/A on the screen, and only the start time can be modified.*



You can modify the programmed schedules by selecting one and adjusting the schedule.

You have several possibilities for the schedule (Mon-Fri, weekend, every day, or single days). The schedules will be repeated every week. The time and duration are set in 30 minute increments.

Once you have set the schedule, press "Confirm". If you don't want to keep any changes, press "Cancel" or use the calendar icon to go back.



### purges

Touch the Purge tab to change the purge settings. You can add purges by touching the orange line labelled "Add purge time".

To delete a schedule, touch the garbage can icon at the right end of the desired line.

You can modify the programmed purges by selecting one and adjusting the schedule.

You have several possibilities for the schedule (Mon-Fri, weekend, every day, or single days). The schedules will be repeated every week. The time and duration are set in 30 minute increments. Once you have set the purge, press "Confirm". If you don't want to keep changes, press "Cancel" or the calendar icon.



## heat pump modes



### Eco Heat

In this mode, the heat pump is used as the unique source of heating. The heating element is kept off and the heat pump is not used to cool the water should its temperature rise above the current set point.



### Smart Heat

This mode uses the heat pump as the main heating source. The heating element is turned on only if there is a large temperature difference between the water and the set point. The heat pump is not used to cool the water in this mode.



### Eco Auto

This mode borrows functionality from both Eco Heat and Cool modes and has the ability to select the proper Heat or Cool mode automatically according to the water temperature. The heating element is never activated in this mode.



### Smart Auto

This mode borrows functionality from both Smart Heat and Cool modes and has the ability to select the proper Heat or Cool mode automatically according to the water temperature. The heating element is activated only if there is a large temperature difference between the water and the set point.



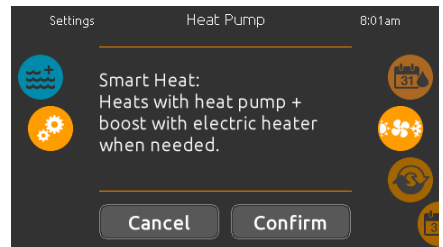
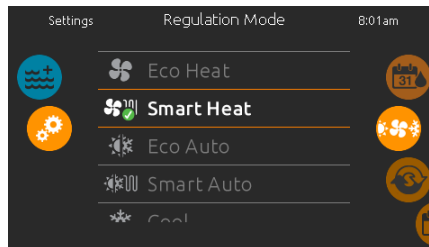
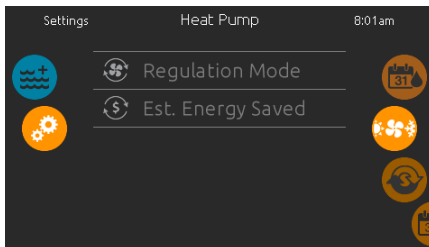
### Cool

This mode uses the heat pump in cooling mode only. The heat pump is not used as a heating source and the heating element is never activated.



### Electric

This mode keeps the heat pump off and uses only the heating element to regulate water temperature.



### heat pump

From the Settings page, you can access the Heat Pump menu, which gives you access to the following Heat Pump Modes:

- Eco Heat
- Smart Heat
- Eco Auto
- Smart Auto
- Cool
- Electric

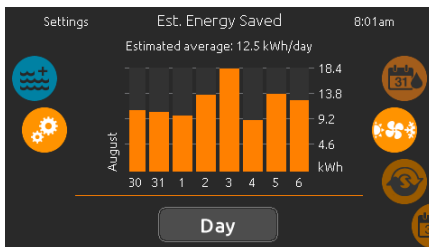
Slide to make a selection and Press on it to confirm. When you select a Heat Pump Mode, you will be asked to confirm your choice.

*\*If a Gecko Brand Heat Pump (in.temp) is connected to your spa setup, the following Menu will appear when selecting Heat Pump in the Settings Menu instead of the Regulation Mode Menu.*

### regulation mode

The Regulation Mode page will help you set up your ideal Heat Pump regulation settings. Choose between Eco Heat, Smart Heat, Eco Auto, Smart Auto, Cool and Electric, depending on your need. Touch the Regulation Mode name to choose your setting. A green checkmark will appear on the selected icon to confirm your choice.

When you select another Regulation Mode setting, a confirmation window appears to prevent inadvertent selection that could result in a setup modification for your spa.



### est. energy saved

*Only available with a Gecko Brand Heat Pump (in.temp)*

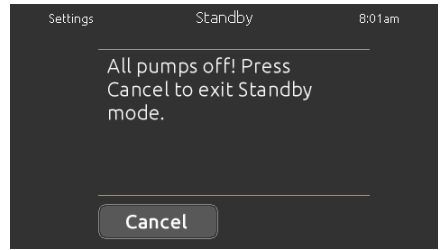
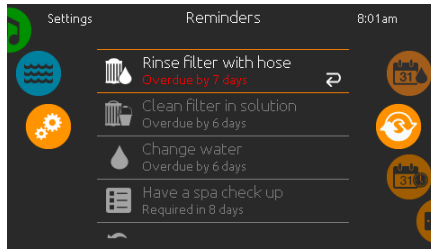
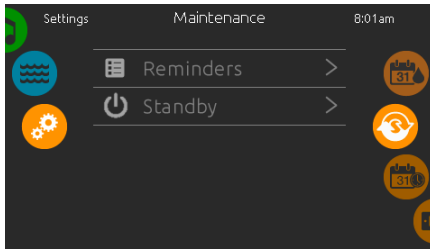
In this section, you can view your estimated kWh economy graph. These calculations are made while using a in.temp to heat your spa. The economy estimate can be viewed in days or months format by pressing the button below the graph.

### Disclaimer:

The data provided by this tool is estimated by sampling numerous operating parameters in real time in order to generate an estimate that is as close as possible to reality. The data is presented to the users with the best intention but Gecko Alliance inc. makes no warranty about its accuracy or completeness. To increase the accuracy of those estimates, make sure the heat pump is well maintained and operates in the recommended conditions in regards to water flow, air exchange through discharge panel, adequate compressor pressure and cleanliness of pipes and heat exchanger.



## maintenance



### maintenance

To modify maintenance settings, slide the right wheel until the maintenance icon is highlighted in the middle.

From the Maintenance page you can access the following:

- Reminders
- Standby

Simply touch the line of the item you want to change.

### reminders

The in.k1000+ keypad will provide reminders about maintenance required on your spa, like rinsing or cleaning the filter. Every task has its own duration, based on normal use.

The reminders menu allows you to check the time left before maintenance is required, as well as to reset the time once a task has been completed.

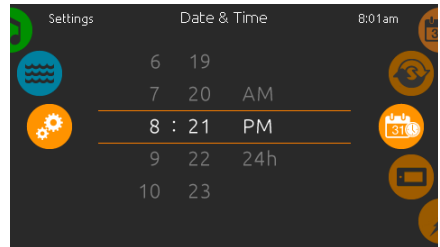
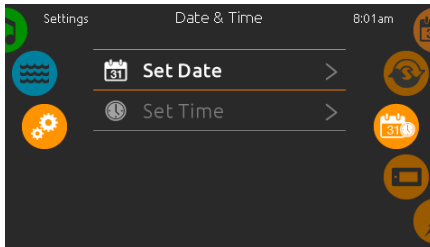
To reset a task, select it by pressing the curved arrow, then confirm when prompted. Once you have confirmed, the task will be reset.

### standby

The Standby mode allows you to service your spa. Pumps will stop for 30 minutes and will automatically restart after.

The normal page will return at the end, once the pumps will be restarted.

## date and time



### date and time

To modify date and time settings, slide the right wheel until the date and time icon is highlighted in the middle.

Simply touch the line of the item you want to change.

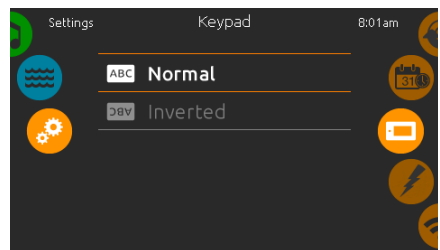
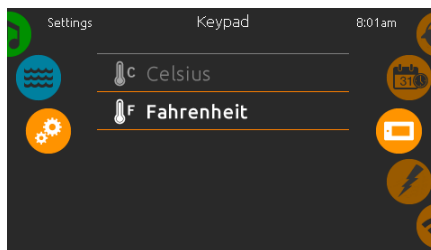
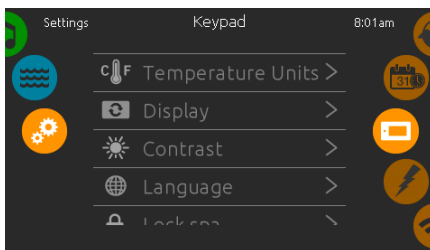
### set date

Here you can adjust the year, month and date. Simply swipe up and down the column you want to change, and select the desired value. When done, touch the calendar icon at the right of the screen.

### set time

Here you can change the hour, minute and time format. Simply swipe up and down the column you want to change, and select the desired value. When done, touch the calendar icon at the right of the screen

## keypad settings



### keypad settings

To modify keypad settings, slide the right wheel until the keypad icon is highlighted in the middle.

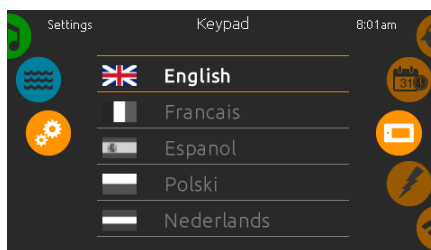
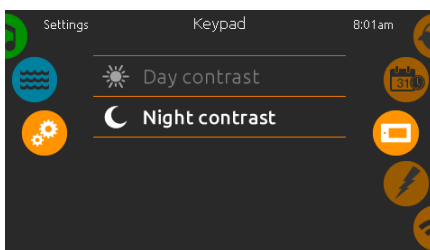
Simply touch the line of the item you want to change.

### temperature units

Use this page to set or change the temperature in F° or C° units.

### display orientation

Use this page to set or change the normal or inverted display orientation.



### display contrast

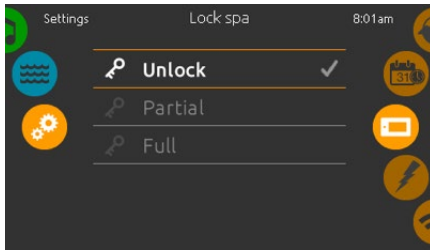
Use this page to set or change the display day or night contrast.

### display language

Use this page to set or change the display language.



## keypad settings

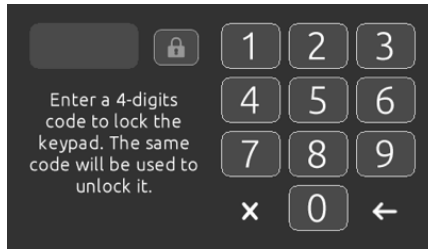


### keypad lock/unlock (optional)

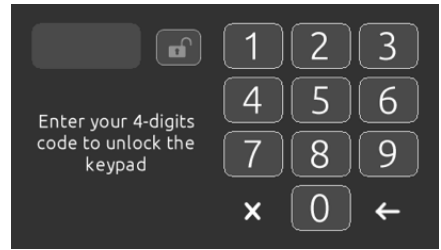
When this option is enabled, the user can partially or completely lock the keypad.

When Full Lock is selected, all functions are locked.

In Partial Lock, you may only activate accessories. Settings may not be changed in this mode.

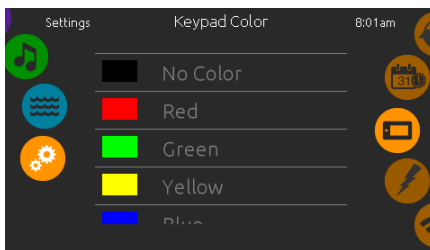


When the user wants to lock the keypad he is asked to select a 4-digit code. The same code will be needed to unlock the keypad.



Next time he wants to lock the keypad, he will be prompted again to select a 4-digit code (same functionality as a Safe in a hotel room).

The keypad can be unlocked with a universal unlock code (3732) or by a reset of the keypad.

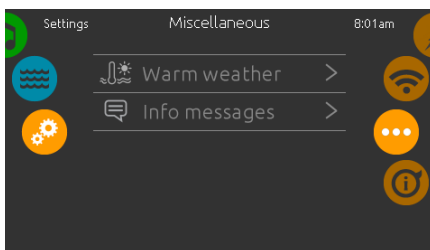


### keypad color (optional)

If this option is available (depending on the spa configuration), the keypad rim color can be changed.

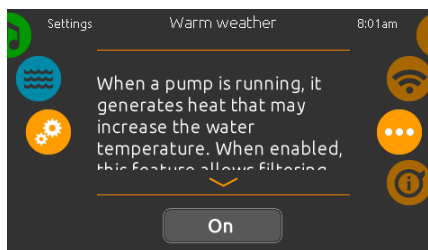
8 pre-defined colors are available. If the in.mix is installed, the keypad rim color can also be associated to an in.mix zone.

## miscellaneous



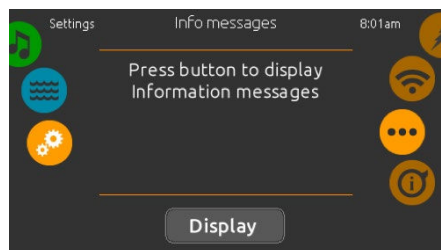
### miscellaneous

This menu gives access to modify the Warm Weather option and info messages in the media center.



### warm weather

When pumps are running, they produce heat that may increase your water temperature. "Warm Weather" option gives you the option to bypass the pack filtration over-temperature feature. When Warm Weather is "OFF" the filtration over-temperature is disabled and your spa filtering will continue even if the water temperature is high.



### info messages

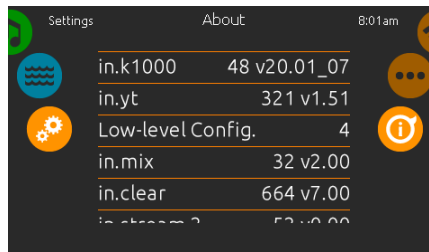
Press display/hide key to modify message display:

If hide option is selected, smart winter mode message will only appear when a SWM purge is in action. Otherwise the message will always appear when the spa is in a SWM condition.

If hide option is selected, heating suspended and filtering suspended messages will not appear.



## about your spa system



### about

To get info about your spa system, slide the right wheel until the about icon is highlighted in the middle.

Information about the in.k1000+ software number and the revision numbers of the different components of your system will be displayed.

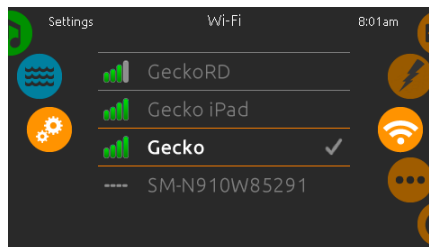
## wifi

(This function is available only if an in.touch module is connected to your system.)



### wifi settings

To modify wifi network settings, slide the right wheel until the wifi icon is highlighted in the middle.



### wifi networks

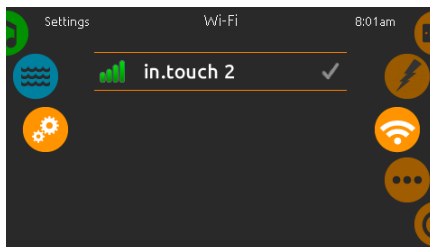
After a few seconds the available networks will appear on-screen, as well as their signal strength. Select network will be identified by a green check mark. Swipe Up or Down the list to select your network.



### wifi network password

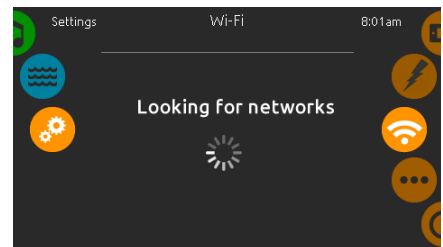
If the wifi network is password protected, enter it when keyboard prompts. Use Enter key to validate the password.

If no password is required the in.touch will connect automatically.



### wifi (in.touch 2)

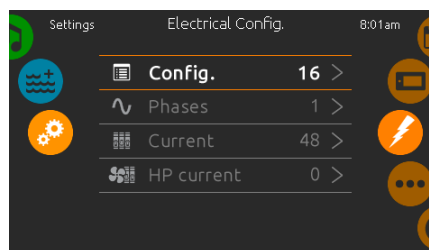
When a in.touch 2 is detected, this network will appear (in.k1000+ version 12 and older).



### in.touch module not connected

If the in.touch module of your spa system is not connected, this message will be displayed.

## electrical configuration



**Please do not make changes in this section unless you are a qualified electrician.**



## swim mode

(only available if the swim option is activated in the spa configuration)



The Duration of all training drills and the Intensity of all pre-set training drills are set in this page. The number of available intensities depends on the swim spa configuration and on the selected training drill, whose name is displayed at the top of the screen. The intensity of personalized drills is set during the drill creation and can be edited from the Training Drills selection page.

From this page, you can also access the following:

- training drills selection
- swim settings

To select an item, slide the right wheel until the desired icon is highlighted in the middle.

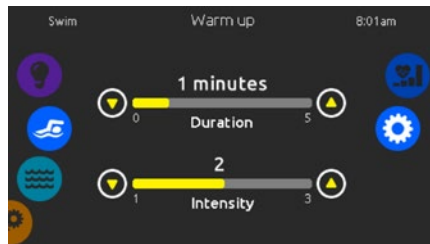
When ready, press Start to begin the workout session. Resume and Stop buttons are also available when a swim session was previously paused.

## swim settings



In the Swim settings page, you can access the following parameters:

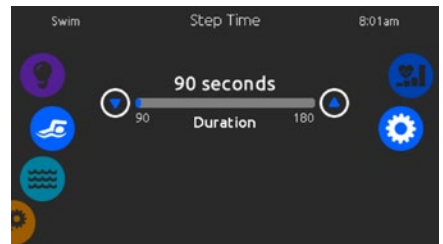
- Warm up
- Cooldown
- Step Time
- Preparation Time
- Light (requires an in.mix installed)



### warm up & cooldown

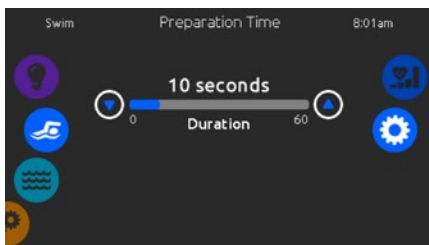
These pages allow you to adjust the duration and intensity of the warm up and cooldown portion of your training drill. If no Warm up or Cooldown sessions are desired, set their respective duration to 0 minute.

Note that Warm up and Cooldown settings apply to all training drills.



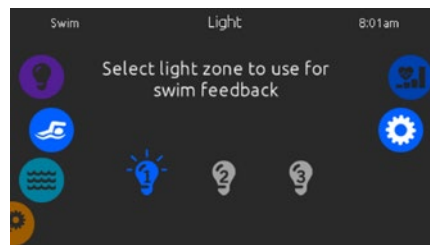
### step time

This page allows you to adjust the workout session step time. Step time applies to all training drills except Endurance, Power and Personalized.



### preparation time

This page allows you to adjust the Preparation time. The preparation allows the swimmer to take place between the time when he presses on the "Start" button of the Swim page and the time when the swimming workout starts. If no Preparation Time is desired, set Duration to 0 second.



### light (requires an in.mix installed)

This page allows you to select which in.mix zone to use for swim feedback.

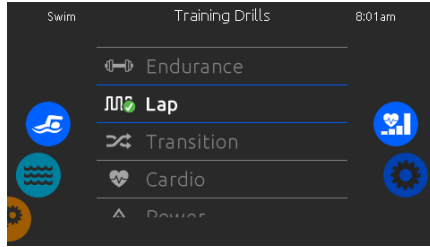
If at least one zone is selected for feedback, it will blink and change color depending on the progression during the swim workout:

- 1- Blinks in blue during the preparation countdown
- 2- Changes to yellow during the warm up session
- 3- After the warm up, color tones range from light blue to bright red depending on swim intensity
- 4- Blinks twice when the intensity changes during the workout
- 5- Changes to a light blue color during the cooldown session



## training drills

The Training Drills selection page allows you to choose the desired workout drill. The currently selected drill is highlighted and has a green checkmark. To select another drill, simply scroll through the list and click on its name.



### Endurance

In this training drill, the swimming workout will be executed at a constant intensity for the entire duration.



### Lap

This training drill will perform high and low intensity intervals of equal step time.



### Transition

This training drill will perform a series of equal steps at random intensities.



### Cardio

This training drill will perform two successive steps at high intensity for one step at low intensity.



### Power

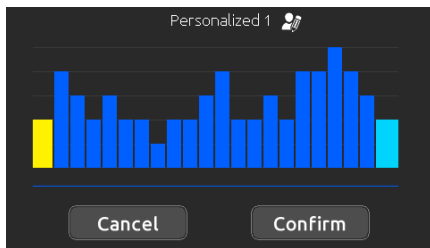
This training drill will perform a "pyramid" program where the intensity will progressively increase until the maximum is reached. It will then decrease progressively to end at low intensity.



### Personalized

Three personalized training drills are available and can be edited to create a custom workout pattern. To edit a personalized training drill, touch the pencil icon at the right end of the desired personalized drill to open the training drill edit window.

## personalized workout edits



This page allows you to create a personalized training drill. Simply draw the desired workout pattern on the screen and/or adjust each individual step to the desired intensity. The duration of the 20 available steps will be adjusted to fit the duration selected on the main screen.

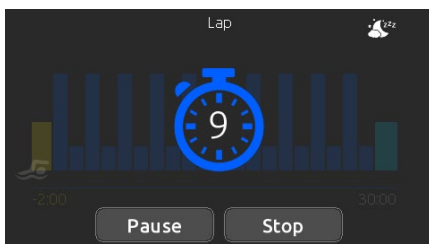


When the personalized pattern is completed, press Confirm to save your changes and return to the swim window.

You can also press Cancel at any time to exit without saving your modifications.

Personalized training drills can also be renamed by clicking the pencil icon located to the right of the workout name.

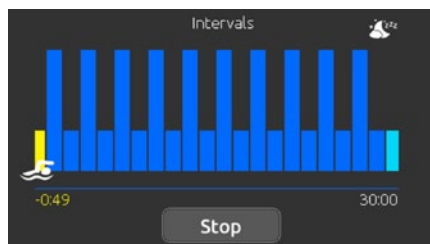
## swim workout



When you press the Start button, the preparation counter appears and starts to decrement, allowing the swimmer to get in position before the swimming session starts. From there, you can press Pause to suspend or Stop to interrupt the swim session and return to the main swim page.

The keypad can also be put in sleep mode by pressing the sleep icon located at the top right of the screen in order to prevent water from splashing on the keypad and inadvertently stopping the swim session.

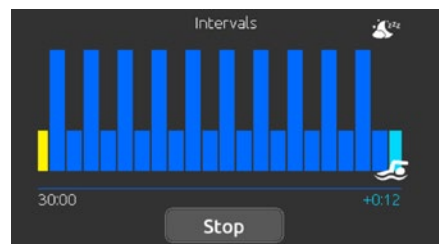
During the workout session, a summary of the session is shown.



A swimmer icon is also displayed on the screen and will move toward the right as the swim session progresses.

A yellow countdown decreases during the warm up portion of the swim session while the set workout time is displayed on the right.

Once the warm up timer reaches zero, the workout session begins and will follow the selected training drill, shown on screen. The workout timer on the right will start to decrease as the elapsed workout time, displayed to the left of the screen, increases.



When the workout program is completed, the swimmer enters the cooldown portion of the session, displayed in light blue.

The elapsed workout time remains on the left and a light blue timer starts incrementing on the right, indicating the time spent in cooldown.



## audio mode

(only available if the system detects a connected in.stream 2 audio station)



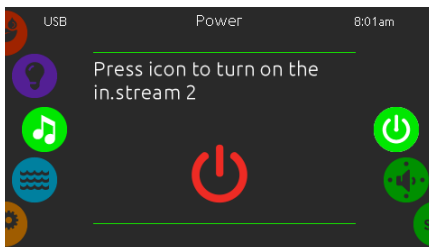
To select the audio mode, slide the left wheel up or down until the audio icon menu is highlighted in the middle.

In the Audio page you can access the following:

- in.stream 2 on/off
- speaker calibration
- audio source selector
- disconnect bluetooth

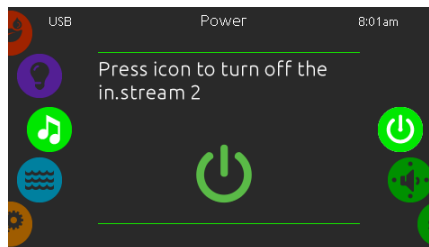
To select an item, slide the right wheel until the desired icon is highlighted in the middle.

## on/off



### turn in.stream 2 ON (icon red)

Slide the right wheel until the power on/off icon is highlighted in the middle. Press the icon at the center of the screen to turn in.stream 2 on.



### turn in.stream 2 OFF (icon green)

Press the icon at the center of the screen to turn in.stream 2 off.



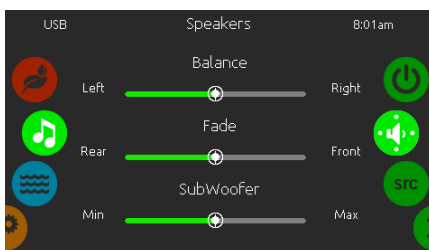
### main display

Press Play / Pause to start or pause playback of audio files.

Drag the volume slider to adjust the volume or tap the mute button to mute or unmute sound.

Press the last track or next track buttons to go to the previous song or skip to the next.

## speakers setting



### to modify your speaker settings

Slide the right wheel until the speaker calibration icon is highlighted in the middle.

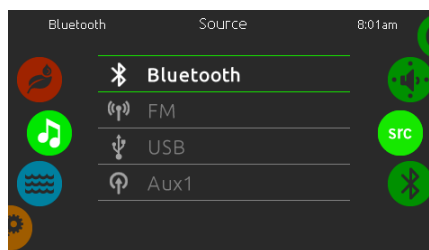
You can adjust:

- balance
- fade
- subwoofer

Use the sliders to change the speaker settings at the desired level.

The fade and subwoofer sliders will only appear on the screen if the corresponding speakers are installed on the in.stream 2.

## audio source selector



### to select an audio source

Slide the right wheel until the source icon is highlighted in the middle.

In the menu list, the following sources are available:

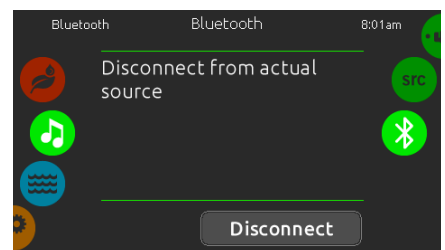
- Bluetooth
- FM
- USB
- Aux. 1

Simply select the desired one to use.

Note that only the sources installed on the in.stream 2 will be displayed in the source menu.

Please note that the Play/Pause and Change Track functions apply to devices using Bluetooth technology and USB, and will not work when AUX is selected as the source.

## disconnect bluetooth



If a device with Bluetooth technology is connected to the in.stream 2, you can disconnect it by pressing the Disconnect key at the bottom of the screen.

Doing so will also prevent the in.stream 2 from automatically reconnecting to this specific device until it has been reconnected using the device itself.



## sanitization mode

(only available if the system detects a connected in.clear water sanitization system)



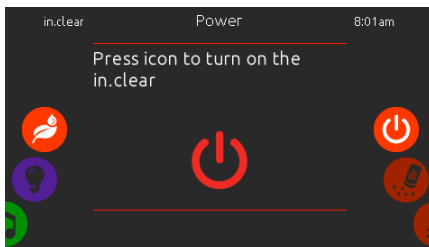
To select the sanitization mode, slide the left wheel up or down until the in.clear icon menu is highlighted in the middle.

In the sanitization page you can access the following:

- in.clear on/off
- bromicharge
- boost level
- maintenance level

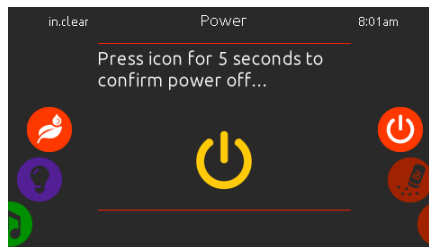
To select an item, slide the right wheel until the desired icon is highlighted in the middle.

## on/off



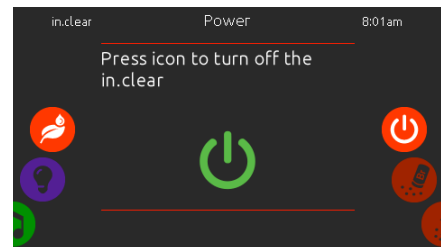
### turn in.clear ON - Step 1 (icon red)

Slide the right wheel until the power on/off icon is highlighted in the middle. Press the icon to turn in.clear on.



### turn in.clear OFF - Step 2 (icon yellow)

Press icon for 5 seconds to confirm power off.

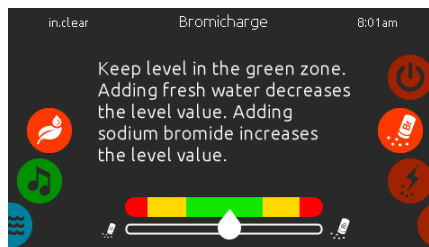


### turn in.clear OFF - Step 3 (icon green)

Press the icon to turn off the in.clear.

## bromicharge™ level

When performing a test, the BromiCharge™ gauge indicates the approximate sodium bromide level of the spa water.



The green zone in the center area of the gauge should be targeted for optimal performance.

To perform a water test, slide the right wheel until the add BromiCharge™ icon is highlighted in the middle.

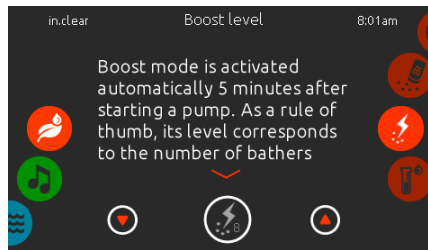
There is no need to add sodium bromide if the indicator is in the green zone.

When adding sodium bromide, the gauge indicator will gradually shift to the right. When adding clean water to the spa, the indicator will shift to the left.

In order to achieve the proper level, start pumps and add 227g (.5 lb) of BromiCharge™ at a time and always allow 5 minutes for the gauge to react before adding more sodium bromide.



## boost level



### modify the boost level

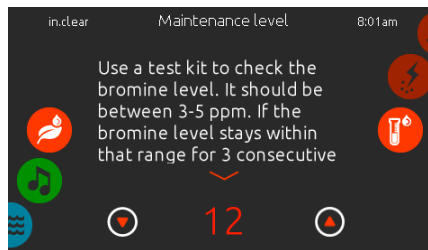
Boost mode is activated automatically 5 minutes after starting a pump. Boost mode increases the bromine generation rate to keep the water clear, clean and soft. As a rule of thumb, its level correspond to the number of bathers.

To modify the boost level, slide the right wheel until the boost icon is highlighted in the middle and use the up or down arrow keys to adjust the level.

Click on the the level icon to confirm your selection.

## maintenance level

*Use a test kit to check the bromine level. It should be between 3-5 ppm. If the bromine level stays within that range for 3 consecutive days, your maintenance level is well adjusted.*



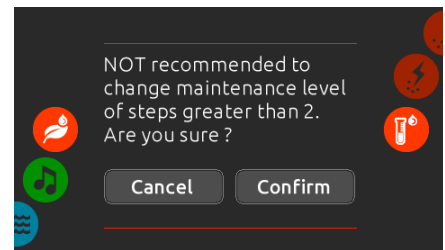
### modify the maintenance level

To verify or modify the maintenance level, slide the right wheel until the maintenance icon is highlighted in the middle.

The recommended maintenance level is 12.

Use the up or down arrow keys to adjust the level.

Note that the level can be adjusted by increment of 2 using the up and down arrow keys.



Please note that it is not recommended to change the maintenance level at steps greater than 2. A confirmation will be asked by the system if you do.

If you do, retest the bromine level the day after. If the bromine is not in the 3-5 range and is higher than 5 ppm, decrease the maintenance level. If the bromine is lower than 3 ppm, increase it. Repeat until the test reads a bromine level in the 3-5 range.



## color mode

(only available if in.mix is detected among the spa accessories)



To select the color mode, slide the left wheel up or down until the in.mix icon menu is highlighted in the middle.

In the color page you can access the following:

- zone selection
- changing colors
- on/off
- synchronizing zones
- intensity

## in.mix functions



### zone selection

To select a zone, turn the right wheel until the desired icon is highlighted in the middle. This selection allows you to modify its color.

### changing colors

Once a zone has been selected, use the color wheel to choose the desired color or the rainbow icon to get changing colors.

### on/off

There are two ways to turn in.mix on or off. The first one is by using the Light icon on the SPA Screen. The second way is by touching the light bulb icons located each side of the intensity bar.

### synchronizing zones

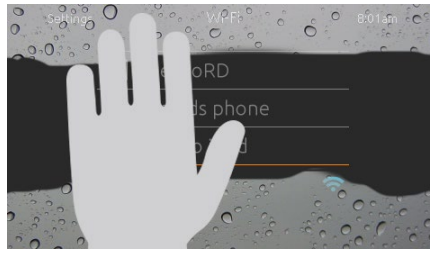
The synchronization/desynchronization icon allows you to match the color of the selected zone with the other zones.

### intensity

Located at the bottom of the screen, the slider allows you to modify the intensity of the color.



## too much water on display

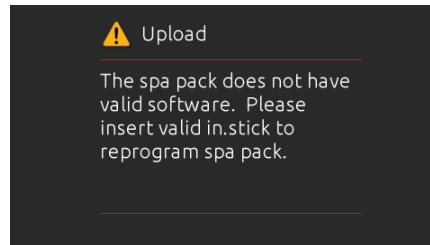
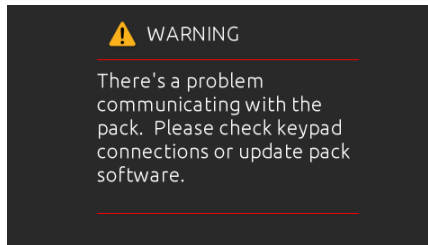


### wipe screen

This message appears when too much water is detected on the touch screen. Simply wipe away excess water.

## installation error messages

Upon connecting the in.k1000+ to your spa system you may see one of two error messages. Please follow the instructions in the message or contact your dealer for more information.



Error messages on-screen list and definitions:

Refer to the troubleshooting and error codes section of the TechBook for your spa pack system.