



# ET-1000

## Reference Guide

No buttons, keys and overlays! Mode and function selection wheels, all-on or all-off one touch activation key of last used settings, interactive display icons and on-screen messages are all elements of the ET-1000 user interface, designed to let hot tub users interact intuitively with their hot tub and its value-added accessories.



All-on or all-off key (one touch activation)

mode selection wheel (settings & accessories)

direct to function selection wheel (settings and additional options)

on-screen system message and reminders

interactive display icons (main hot tub functions)

### notification icons

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



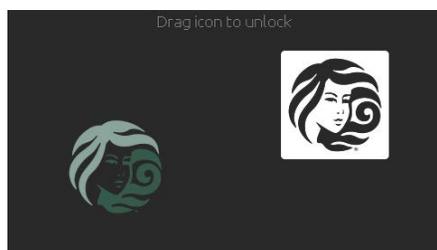
system is connected to wifi



system is not connected to wifi

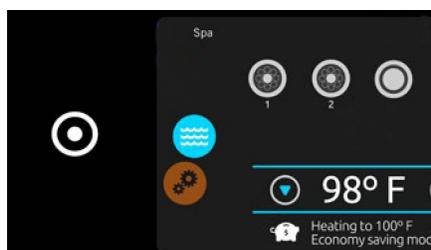
### hot tub functions

Quick and easy step-by-step instructions to control the main functions and to configure system settings of your hot tub from its ET-1000 keypad.



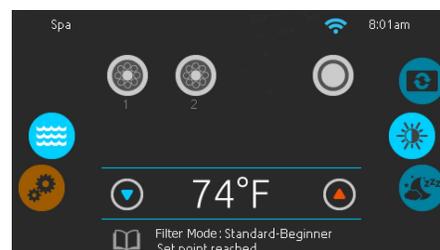
#### turn keypad on

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

ET-1000 features an all-on or all-off one touch activation key. When pressed, it stops or starts all working components and accessories at once.



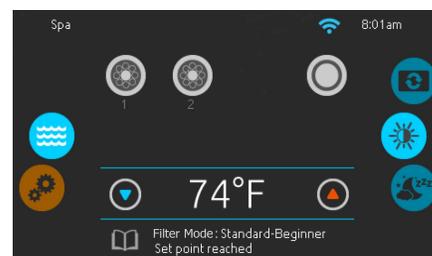
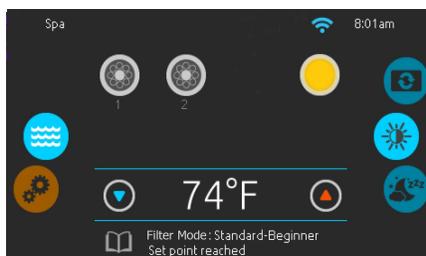
From the home screen, you can access the following modes:

- 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 screen 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

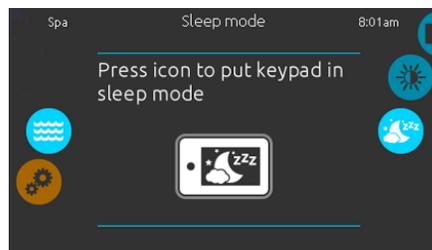
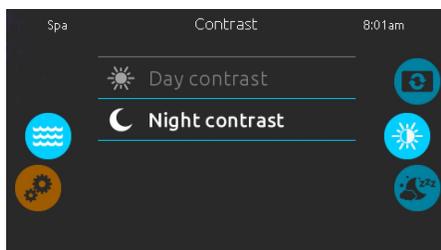
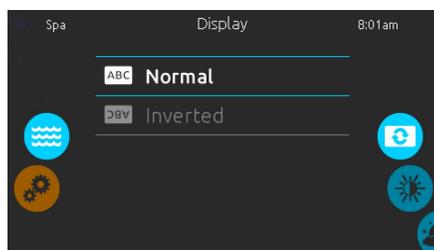
To start or stop an accessory (pump, blower, light), touch the associated icon. Icons will become animated when their accessory is turned on, and animation will stop when turned off.

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.



mode selection wheel:

direct to function selection wheel:

- filter mode -
- maintenance -
- date & time -
- keypad -
- electrical config -
- wifi -
- about -

List of featured items

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 screen you can access the following:

- filter mode
- maintenance
- date & time
- keypad
- electrical configuration
- wifi
- miscellaneous
- about

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



## Filter Mode

The filter mode screen 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 hot tub will always be in economy; the set point will be reduced by 20° F.



### Standard-Beginner

(default filter mode)

The hot tub will never be in economy mode and will be filtering according to the management system's low level configuration.



### Energy Savings

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



### Super Energy

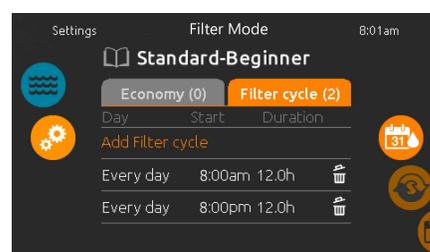
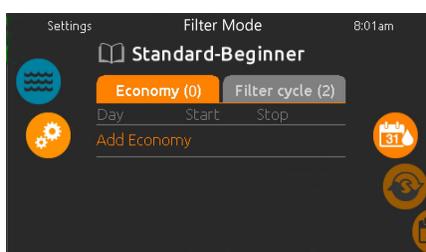
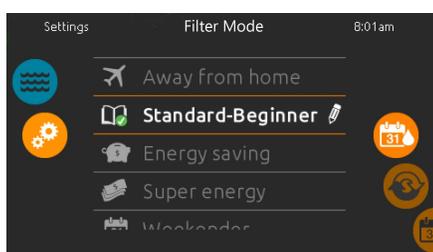
The hot tub will always be in economy mode during peak hours, every day of the week.



### Weekender

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

## modifying filter mode schedules



### filter mode

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

Note: The default Filter Mode for Hot tubs equipped with a Hush pump is "Standard-Beginner" and is programmed to filter 24 hours (2 x 12hr) per day.

- 1st filter cycle @ 8:00am
- 2nd filter cycle @ 8:00pm

*\*In economy mode, the set point will be reduced by 20°F - which means the heating system will not be engaged unless the temperature falls to 20°F below the hot tub's set temperature.*

### \*economy

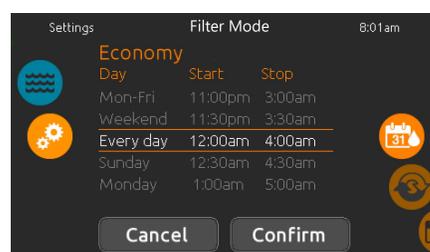
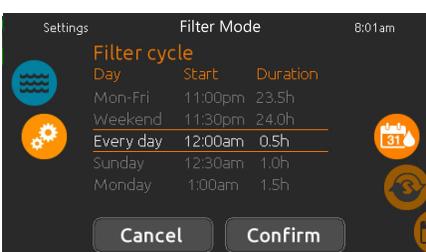
Touch the Economy tab to change the economy schedule. You can add economy schedules by touching the orange line labeled "Add Economy" .

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 schedules. You can add filtration schedules by touching the orange line labelled "Add filter cycle" .

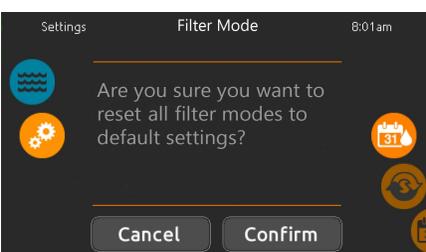
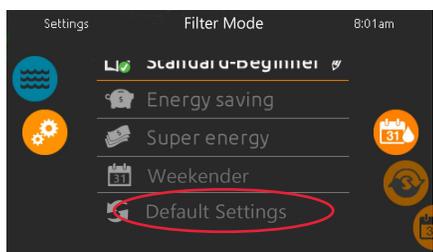
To delete a schedule, touch the garbage can icon at the right end of the desired line.



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.



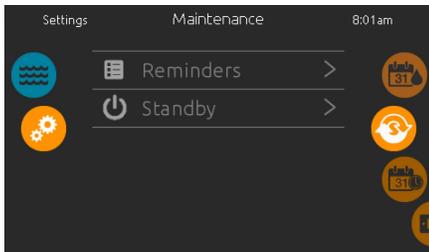
### Default Settings

You can reset all Filter Modes back to original factory settings by pressing "Default Settings".

Press "Confirm" to reset. Press "Cancel" if you choose not to reset.



## maintenance



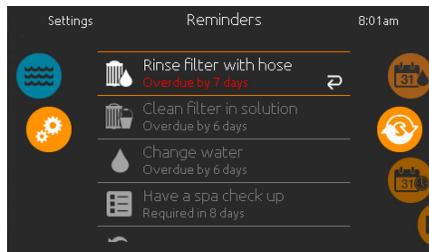
### maintenance

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

From the Maintenance screen you can access the following:

- Reminders
- Standby

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



### reminders

The ET-1000 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

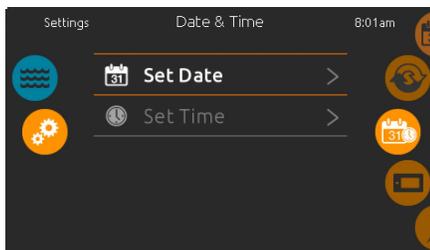


### standby

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

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

## date and time



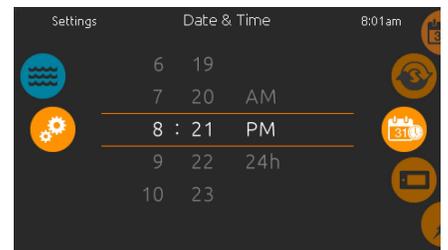
### \*date and time

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.

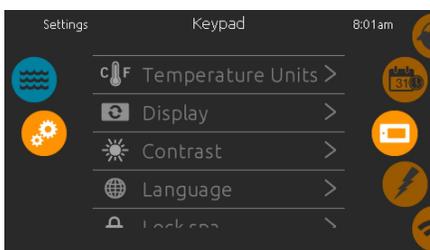


### set time

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

\*Note: If connected to Wifi (see page 7) with BIC-e in.touch 2, date & time will automatically be set to local time zone.

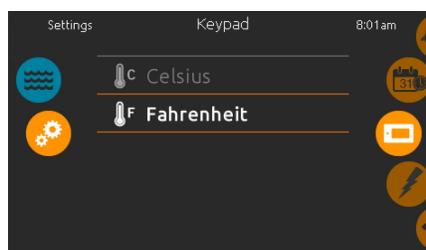
## keypad settings



### keypad settings

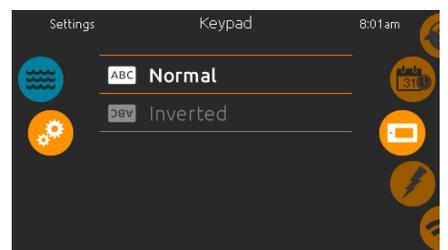
To modify keypad settings, slide the right wheel until the keypad icon is highlighted in the middle.

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



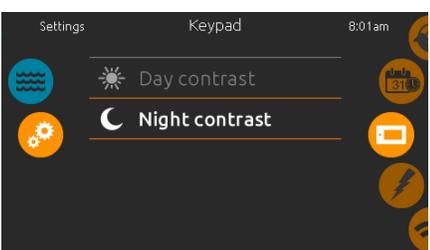
### temperature units

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



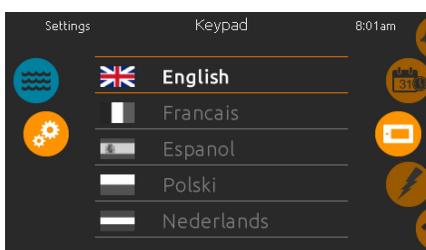
### display orientation

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



### display contrast

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

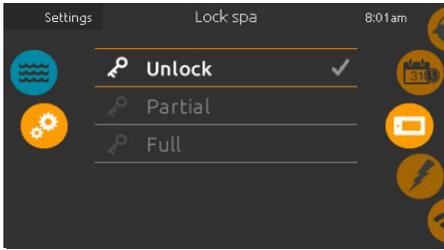


### display language

Use this screen to set or change the display language.



## keypad settings



### keypad lock/unlock (optional)

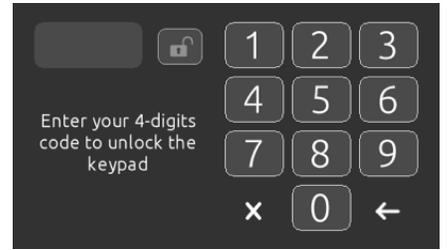
When this option is enabled, the user can partially or completely lock the keypad.

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.

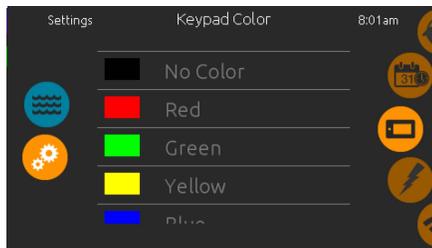


When the user wants to lock the keypad he is asked to select a 4-digit code. The same code will be needed to unlock the keypad.



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.



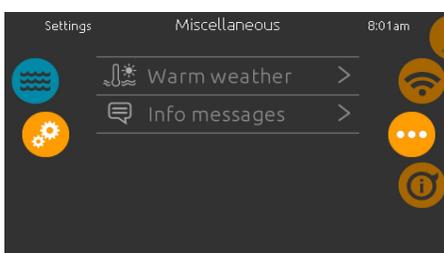
### keypad color

With this feature the keypad rim color can be changed.

8 pre-defined colors are available.

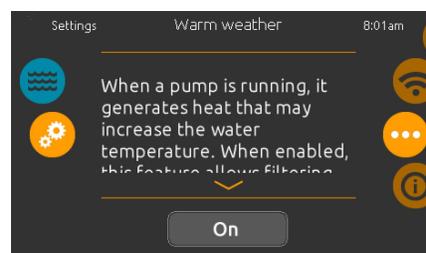
**Note:** Keypad colors are not tied to other lighting features in the hot tub.

## miscellaneous



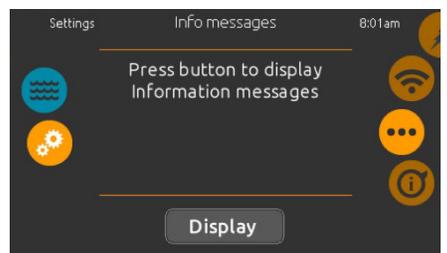
### miscellaneous

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



### warm weather

When a pump is running, it generates heat that may increase the water temperature above the temperature set point. If the set point is above 95°F and the water goes 3°F above the set temperature, the Warm Weather option, if enabled (ON), will reduce the filtering to 2 x 2 hours per day.



### 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.

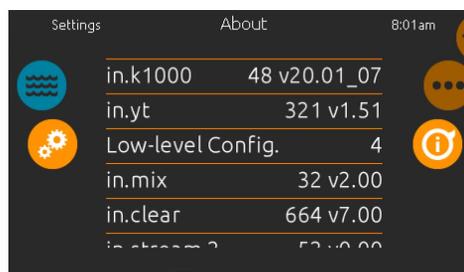


## about your hot tub system

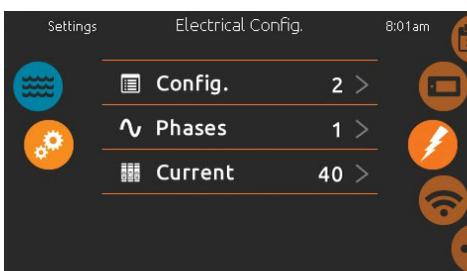
### about

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

Information about the ET-1000 software number and the revision numbers of the components of your system will be displayed.

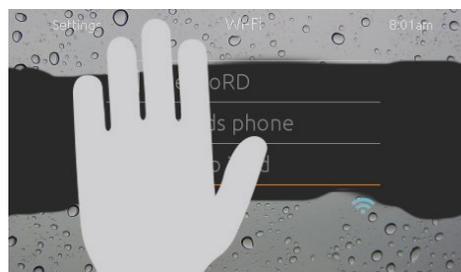


### electrical configuration



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

### too much water on display

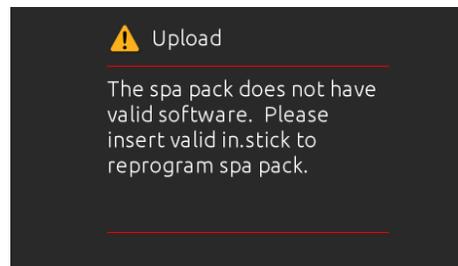
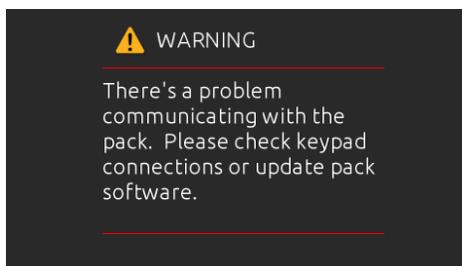


#### wipe screen

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

## installation error messages

Upon connecting the ET-1000 to your spa system, you may see one of two error messages. Please follow the instructions in the message or contact your dealer or contact Beachcomber Technical Support at 1-800-663-6557 (press **4** for tech support)



## diagnostic error display messages

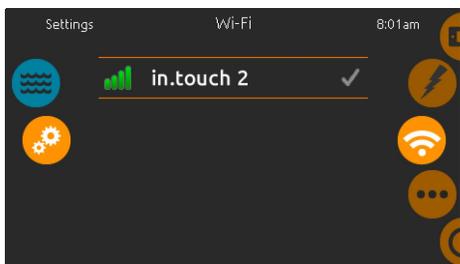
Please follow the instructions in the message or contact your dealer or contact Beachcomber Technical Support at 1-800-663-6557 (press **4** for tech support)

code	displayed error message
HL	WARNING! DO NOT ENTER SPA High Limit circuit has tripped!
FLO - L01 FLO - L02 FLO	FLO condition - Check filter, pump, blockage, air lock and water level
NO FLO	Persistent NO FLO, all off - Check filter, pump, blockage, air lock and water level
HR	DANGER! DO NOT ENTER SPA Hardware error detected (relay stuck)
OH	WARNING! DO NOT ENTER SPA Spa temperature is too high
Prr	WARNING! DO NOT ENTER SPA Temp probes/detect. circuit defect.
AOH	ERROR Elevated internal temperature
Hr	DANGER! DO NOT ENTER SPA Hardware error detected (thermal fuse)
UPL	The spa pack does not have valid software. Please insert valid in.stick to reprogram spa pack



## wifi

Note: This function is available only if a BIC-e in.touch 2 spa transmitter (CO module) is connected to the hot tub's management system (as shown) and a BIC-e in.touch 2 home transmitter (EN module) is connected to your home router (as shown below). See Quick Start Guide & "how-to" links below.



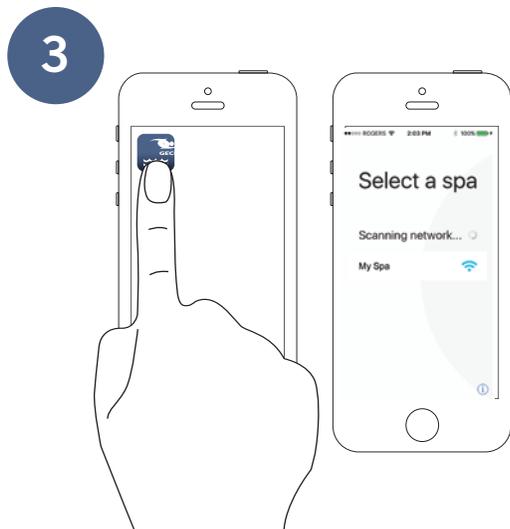
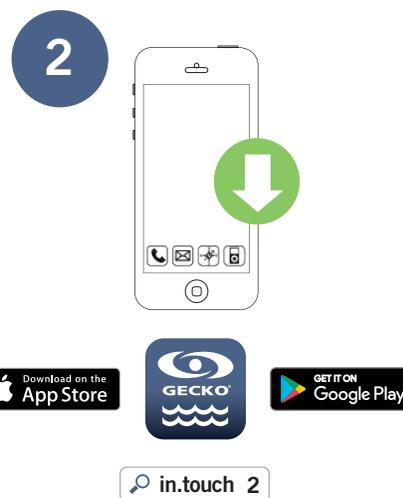
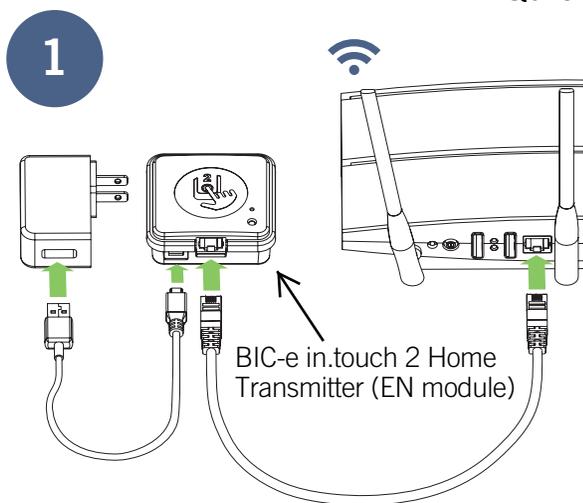
### wifi (in.touch 2)

When an in.touch 2 is detected, this network will appear. See in.touch Quick Start Guide below.



BIC-e in.touch 2 Spa Transmitter (CO module)

## Bic-e in.touch 2 Home Quick Start Guide



### in.touch 2 "how-to" videos:

- in.touch 2 - Home installation  
<http://bit.ly/2UbY50htest-InTouch2-HomeInstallation>
- in.touch 2 - How to create an account  
<http://bit.ly/2uK6Rne-InTouch2-CreateAccount>
- in.touch 2 - Select your spa  
<http://bit.ly/2UrwAz7-InTouch2-SelectYourSpa>

For additional setup information, refer to:  
Bic-e in.touch 2 Techbook  
[www.beachcomberhottubs.com/owners/manuals-and-guides](http://www.beachcomberhottubs.com/owners/manuals-and-guides)

## Troubleshooting BIC-e in.touch 2

### Blinking LED

#### Modules may be out of range

Simply connect in.touch 2-home outside, close to the spa (via an extension cord for power). Router connection not needed for this test. If modules stop blinking, moving them closer to each other is the only solution.

#### Modules may be Unpaired

If the previous test did not work, proceed to pairing according to instructions in the Pairing section of the in.touch 2 Techbook.

### Green color

Port 10022 may be closed on your router. If port 10022 is open, some other configuration may be blocking access to Internet. The application will still be able to connect to your spa on your local network. Server may be temporarily «off-line» for servicing/ maintenance. Try again later.

For additional Troubleshooting information, refer to: Bic-e in.touch 2 Techbook  
[www.beachcomberhottubs.com/owners/manuals-and-guides](http://www.beachcomberhottubs.com/owners/manuals-and-guides)

Beachcomber Technical Support at 1-800-663-6557 (press 4 for tech support)

