



Owner's Manual Original Serie - USA



TABLE OF CONTENTS

TABLE OF CONTENTS	1
INTRODUCTION	2
MEMORY HELP SHEET	3
SAFETY INSTRUCTIONS	4
SAVE THESE INSTRUCTIONS	6
IMPORTANT ELECTRICAL SAFETY INSTRUCTIONS	7
SAFETY SIGN	8
LOCATION AND INSTALLATION	9
ELECTRICAL SPÉCIFICATIONS	10
SITE PREPARATION	13
HOT TUB WATER BALANCE – GENERAL OVERVIEW	15
HOT TUB WATER BALANCE – GENERAL OVERVIEW	16
LEXIQUE	18
CONTROL ACCESSORIES	19
WATER BALANCE TROUBLESHOOTING	20
ROUTINE HOT TUB MAINTENANCE	21
CLOSING PROCEDURE	22
CLAVIER IN.K450 :	23
CLAVIER IN. K500	26
CLAVIER IN. K800	35
CLAVIER IN.K1000	45
IN. CLEAR	54
BE CONNECT	55
GARANTIE	57

INTRODUCTION

Your choice of a Be Well Canada Spa indicates that you are devoted to excellence. The management and staff appreciate your patronage and take pride in the tradition of quality spas / hot tubs that our company represents.

To properly acquaint yourself with your spa / hot tub, we suggest that you take time to read through this manual before hook up and operation. Doing so will familiarize you with the important operating and safety procedures, thereby ensuring an enjoyable experience right from the start.

If you need any more information than this manual provides, feel free to call your local dealer or visit our web site at www.canada-spa.com. Be Well Canada Spa reserves the right to modify the document without notice. We wish you to enjoy the moments of relaxation in your spa.

AVIS

This manual was written to ensure the proper use and installation of your spa / hot tub. Any modifications to the procedures outlined in this manual may result in voiding your guarantee.

NOTES:

[illegible]

MEMORY HELP SHEET

In order to assist you in the installation and maintenance of your spa, please fill in the following information and keep them for future reference.

The warranty of your spa comes into effect on the date of purchase. It is your responsibility to refer to your owner's manual to keep your warranty.

To qualify for the warranty, you will need to provide your spa information to your dealer (refer to the memo card) as well as a photo of the room.

Spa Information

Model : _____

Color : _____

Serial number : _____

Date of purchase : _____

Delivery date: _____

Serial number is located on a data plate outside the cabinet at ground level directly below the topside control panel. When calling for service, please have your serial number on hand.



Retailer :

Company : _____

Adress: _____

Phone : _____

Contact : _____

SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS **IMPORTANT USER SAFETY INSTRUCTIONS**

Your physiological response to hot water is subjective and depends on your age, health, and medical history. If you don't know your tolerance to hot water, or if you get a headache, or become dizzy or nauseous when using your spa / hot tub, get out and cool off immediately.

WARNING

1. CHILDREN SHOULD NOT USE SPAS OR HOT TUBS WITHOUT ADULT SUPERVISION.
2. DO NOT USE SPAS OR HOT TUBS UNLESS ALL SUCTION GUARDS ARE INSTALLED TO PREVENT BODY AND HAIR ENTRAPMENT.
3. PEOPLE USING MEDICATIONS AND/OR HAVING ANY ADVERSE MEDICAL HISTORY SHOULD CONSULT A PHYSICIAN BEFORE USING A SPA OR A HOT TUB.
4. PEOPLE WITH INFECTIOUS DISEASES SHOULD NOT USE A SPA OR HOT TUB.
5. TO AVOID INJURY, EXERCISE CARE WHEN ENTERING OR EXITING THE SPA OR HOT TUB.
6. DO NOT USE DRUGS OR ALCOHOL BEFORE OR DURING THE USE OF A SPA OR HOT TUB, TO AVOID UNCONSCIOUSNESS AND POSSIBLE DROWNING.
7. PREGNANT OR POSSIBLE PREGNANT WOMEN SHOULD CONSULT A PHYSICIAN BEFORE USING A SPA OR HOT TUB.
8. WATER TEMPERATURE IN EXCESS OF 100°F MAY BE INJURIOUS TO YOUR HEALTH.
9. BEFORE ENTERING THE SPA OR HOT TUB, MEASURE THE WATER TEMPERATURE WITH AN ACCURATE THERMOMETER.
10. DO NOT USE A SPA OR A HOT TUB IMMEDIATELY FOLLOWING STRENUOUS EXERCISE.
11. PROLONGED IMMERSION IN A SPA OR HOT TUB MAY BE INJURIOUS TO YOUR HEALTH.
12. DO NOT PERMIT OR USE ELECTRIC APPLIANCES (SUCH AS LIGHT, TELEPHONE, RADIO OR TELEVISION) WITHIN 5FT OF THIS SPA OR HOT TUB.
13. CHILDREN SHOULD NOT ENTER A HOT TUB WHERE THE WATER TEMPERATURE EXCEEDS BODY TEMPERATURE (98.6°F).
14. DO NOT ALLOW CHILDREN TO SUBMERGE THEIR HEAD UNDER WATER.
15. NEVER OPERATE THE HOT TUB PUMP AT HIGH SPEED WITHOUT HAVING ALL SUCTION AND RETURN LINES OPEN.
16. ALWAYS KEEP THE HARDCOVER INSTALLED AND LOCKED WHEN THE HOT TUB IS NOT IN USE.

17. TEST THE GFCI (GROUND FAULT CIRCUIT INTERRUPTER) MONTHLY.

18. POST EMERGENCY PHONE NUMBERS FOR POLICE, FIRE DEPARTMENT, AND AMBULANCE AT THE NEAREST PHONE.

19. TO REDUCE THE RISK OF INJURY

THE WATER IN A SPA SHOULD NEVER EXCEED 104°F.

WATER TEMPERATURES BETWEEN 100°F AND 104°F ARE CONSIDERED SAFE FOR A HEALTHY ADULT. LOWER WATER TEMPERATURES ARE RECOMMENDED FOR YOUNG CHILDREN AND WHEN SPA USE EXCEEDS 10 MINUTES.

SINCE EXCESSIVE WATER TEMPERATURES HAVE A HIGH POTENTIAL FOR CAUSING FETAL DAMAGE DURING THE EARLY MONTHS OF PREGNANCY, PREGNANT OR POSSIBLY PREGNANT WOMEN SHOULD LIMIT SPA WATER TEMPERATURES TO 100°F.

BEFORE ENTERING A SPA, THE USER SHALL MEASURE THE WATER TEMPERATURE SINCE THE TOLERANCE FOR WATER TEMPERATURE REGULATING DEVICES VARIES.

THE USE OF ALCOHOL, DRUGS, OR MEDICATION BEFORE OR DURING SPA USE MAY LEAD TO UNCONSCIOUSNESS, WITH THE POSSIBILITY OF DROWING.

OBESE PERSONS AND PERSONS WITH A HISTORY OF HEART DISEASE, LOW OR HIGH BLOOD PRESSURE, CIRCULATORY SYSTEM PROBLEMS OR DIABETES SHOULD CONSULT A PHYSICIAN BEFORE USING A SPA.

PERSONS USING MEDICATION SHOULD CONSULT A PHYSICIAN BEFORE USING A SPA SINCE SOME MEDICATION MAY INDUCE DROWSINESS WHILE OTHER MEDICATION MAY EFFECT HEART RATE, BLOOD PRESSURE AND CIRCULATION.

SAVE THESE INSTRUCTIONS

IMPORTANT SAVE THESE INSTRUCTIONS

Your physiological response to hot water is subjective and depends on your age, health, and medical history. If you don't know your tolerance to hot water, or if you get a headache, or become dizzy or nauseous when using your hot tub, get out and cool off immediately.



CAUTION

MAINTAIN WATER CHEMISTRY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.



DANGER

- **RISK OF ACCIDENTAL DROWNING. EXTREME CAUTION MUST BE EXERCISED TO PREVENT UNAUTHORIZED ACCESS BY CHILDREN. TO AVOID ACCIDENTS, ENSURE THAT CHILDREN CAN'T USE THE SPA UNLESS THEY ARE SUPERVISED AT ALL TIMES.**
- **2RISK OF INJURY. THE SUCTION FITTINGS IN THIS SPA ARE SIZED TO MATCH THE SPECIFIC WATER FLOW CREATED BY THE PUMP. SHOULD THE NEED ARISE TO REPLACE THE SUCTION FITTINGS OR THE PUMP, BE SURE THAT THE FLOW RATES ARE COMPATIBLE. NEVER OPERATE THE SPA IF THE SUCTION FITTINGS ARE BROKEN OR MISSING. NEVER REPLACE A SUCTION FITTING WITH ONE RATED LESS THAN THE FLOW RATE MARKED ON THE ORIGINAL SUCTION FITTING.**
- **RISK OF ELECTRIC SHOCK. INSTALL AT LEAST 1.5M (5FT) FROM ALL METAL SURFACES. AS AN ALTERNATIVE, A SPA MAY BE INSTALLED WITHIN 1.5M (5FT) OF METAL SURFACES IF EACH METAL SURFACE IS PERMANENTLY CONNECTED BY A MINIMUM 8 AWG (8.4 mm²) SOLID COPPER CONDUCTOR TO THE WIRE CONNECTOR ON THE TERMINAL BOX THAT IS PROVIDED FOR THIS PURPOSE.**
- **RISK OF ELECTRIC SHOCK. DO NOT PERMIT ANY APPLIANCE, SUCH AS A LIGHT, TELEPHONE, RADIO, OR TELEVISION, WITHIN 1.5M (5FT) OF THE SPA**

HYPERTHERMIA

HYPERTHERMIA Since your hot tub can be set to reach temperatures of 104° F, users should be aware that extended submersion in water that exceeds normal body temperature can lead to hyperthermia.

The causes, symptoms and effects of hyperthermia may be described as follows:

Hyperthermia occurs when the internal temperature of the body reaches several degrees above the normal body temperature of 98.6°F. The symptoms of hyperthermia include drowsiness, lethargy, and an increase in the internal temperature of the body. The effects of hyperthermia include:

Unawareness of impending hazard; Failure to perceive heat; Failure to recognize the need to exit the hot tub; Physical inability to exit the hot tub; Fetal damage in pregnant woman; Unconsciousness resulting in the danger of drowning

If you sense any of the symptoms of hyperthermia, safely exit the hot tub immediately.



AVERTISSEMENT

THE USE OF ALCOHOL, DRUGS OR MEDICATION CAN SIGNIFICANTLY INCREASE THE RISK OF FATAL HYPERTHERMIA.

IMPORTANT ELECTRICAL SAFETY INSTRUCTIONS

SAFETY COMES FIRST WHEN INSTALLING & USING THIS ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS MUST ALWAYS BE FOLLOWED!

1. READ AND FOLLOW ALL INSTRUCTIONS.

2. Electrical installation must be completed by a qualified electrician in accordance with all National, Regional and Local Codes and Regulations in effect at the time of installation.

3. Connect only to a dedicated circuit protected by a class "A" two-pole ground fault circuit interrupter (GFCI).

4. Use copper conductors only.

5. The hot tub equipment and all electrical plugs, outlets and lights within 1.5m (5 ft) of the unit must be GFCI protected. Consult your electrician or local electrical authority for further details.

6. A green colored terminal or a terminal marked "G", "GR", "Ground", or "Grounding" is located inside the supply terminal box or compartment. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the electric supply service panel with a continuous copper wire equivalent in size to the circuit conductors supplying the equipment.

7. At least two lugs marked "BONDING LUGS" are provided on the external surface or on the inside of the supply terminal box or compartment. To reduce the risk of electric shock, connect the local common bonding grid in the area of the hot tub to these terminals with an insulated or bare copper conductor not smaller than No. 6 AWG (Canada/Europe) / No. 8 AWG (USA).

8. All field installed metal components such as rails, ladders, drains or other similar hardware within 3m (10 ft) of the hot tub shall be bonded to the equipment grounding bus with copper conductors not smaller than No. 6 AWG.

9. SAVE THESE INSTRUCTIONS.



AVERTISSEMENT

This guide is for standard installations where the wire run is 50 ft or less. For longer runs, consult a qualified electrician.

The minimum wire size for systems that require a 40A GFCI (Siemens or similar) is #8/3 conductor with ground. (also referred to as #8 gauge / 4 conductor).

The minimum wire size for systems that require a 50A or 60A GFCI (Siemens or similar) is #6/3 conductor with ground (also referred to a #6 gauge / 4 conductor).

SAFETY SIGN

Safety Sign Must Be Posted – The orange **WARNING** sign like the one shown is packed with your new spa/hot tub. This sign must be posted in a prominent place in close proximity to the spa installation site immediately upon completion of spa installation.



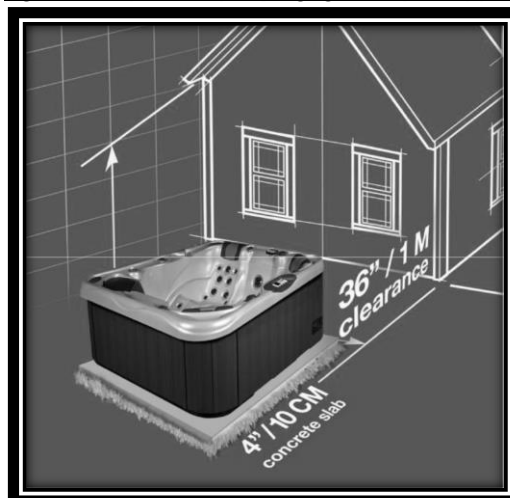
Important: It is extremely important that this sign be permanently placed in clear view of persons using the spa / hot tub. Occasional spa / hot tub users may not be aware of some of the dangers hot water poses to pregnant women, small children, seniors, and people under the influence of alcohol. If you did not receive a warning sign or your sign has become damaged, please call your local dealer for a replacement.

LOCATION AND INSTALLATION

Proper planning is an important consideration when installing your new spa / hot tub. Site selection is a critical step and requires serious thought. Planning ahead makes the installation process easier. The following information is provided to assist you in site preparation.

1. Always comply with local building codes and obtain any necessary permits. You may also need to consult with an engineer to address your specific design needs.
2. Contact an electrician to assess your electrical needs, install wiring, and assure a safe operation.
3. Position your spa / hot tub with proper access to water, drainage, and electricity.
4. Place your spa / hot tub on a uniform solid, flat surface designed to properly support its weight. For external installations, a 4-inch (10 cm) thick cement pad suffices.
5. For internal installations, check the load carrying capabilities of the floor on which the spa will reside. Most homes meet the requirement of 250 pounds per square foot.
6. Assure that your spa / hot tub will fit into the space you have chosen and the delivery route will accommodate its large size.
7. Provide adequate ventilation for the humidity created by your spa / hot tub. In most cases, the Color Coordinated Cover is sufficient.
8. Protect the pump and all equipment from the weather by ensuring the cabinet panels are secure at all times.
9. Allow 36 inches (1 meter) of unobstructed access to all sides of your spa / hot tub for normal servicing. Your spa / hot tub is not designed to be recessed in the ground or in a deck.
10. Consider positioning your spa / hot tub out of or adequately protecting it from the wind. Just as people can get cold on cool / windy days so can your spa / hot tub. Windy environments can significantly increase operating costs.
11. Consider using an insulating pad. In cold climates, the ground can rob heat from the spa / hot tub and increase your operating costs. Consider using a suitable, outdoor insulating pad in such environments.

Figure 1 – Espace requis (dégagement) et support



ELECTRICAL SPÉCIFICATIONS

Important: Qualified and licensed electricians must perform all electrical hookups. The following specifications must be followed in order to ensure proper performance and safety.

WARNING



Starting an incorrectly wired spa / hot tub could cause severe damage to the mechanical equipment or even bodily harm. Have your licensed electrician verify GFCI wiring with the schematics on pages 13-14 prior to starting the spa / hot tub or call your local dealer.

ATTENTION



Failure to abide by specifications listed may result in damage to the equipment and will void the warranty.
Test the GFCI before each use of the spa / hot tub.

All spa / hot tubs must be wired with a Siemens breaker (or according to IEEE wire regulations for export models). Failure to do so will cause equipment damage and will not be covered under your guarantee. All spa / hot tubs must be protected with an over current protective device with built-in GFCI in the service panel.

Tension (Volts)	Fréq (Hz)	Phase	Rating (A)	GFCI (A)	Wire size GFCI To main Panel*	# of terminals On plug
240	60	1	32	40	8-3, plus ground (less than 130')	4
240	60	1	40	50	8-3, plus ground less than 130') 6-3, ground more than 130'	4
240	60	1	48	60	6-3, plus ground	4

Tableau 1 – Wire Size Chart
Use 6AWG copper wire

AVERTISSEMENT



Disconnect the electrical power before servicing. Before obtaining access to terminals, all supply circuits must be disconnected.

Parts with extra low voltage (not exceeding 12V) must be inaccessible to a person in the spa / hot tub. Earthed appliances must be permanently connected to fixed wiring. Parts incorporating electrical components must be located or fixed so that they cannot fall into the spa / hot tub.

Means for disconnection must be used with fixed wiring configurations in accordance with local wiring rules.

IMPORTANT: To allow the GFCI to function properly, connect the white Neutral wire from the spa / hot tub to the Neutral terminal on the GFCI breaker, not the Neutral bus bar in the GFCI breaker box. An improperly connected Neutral causes the GFCI breaker to trip.

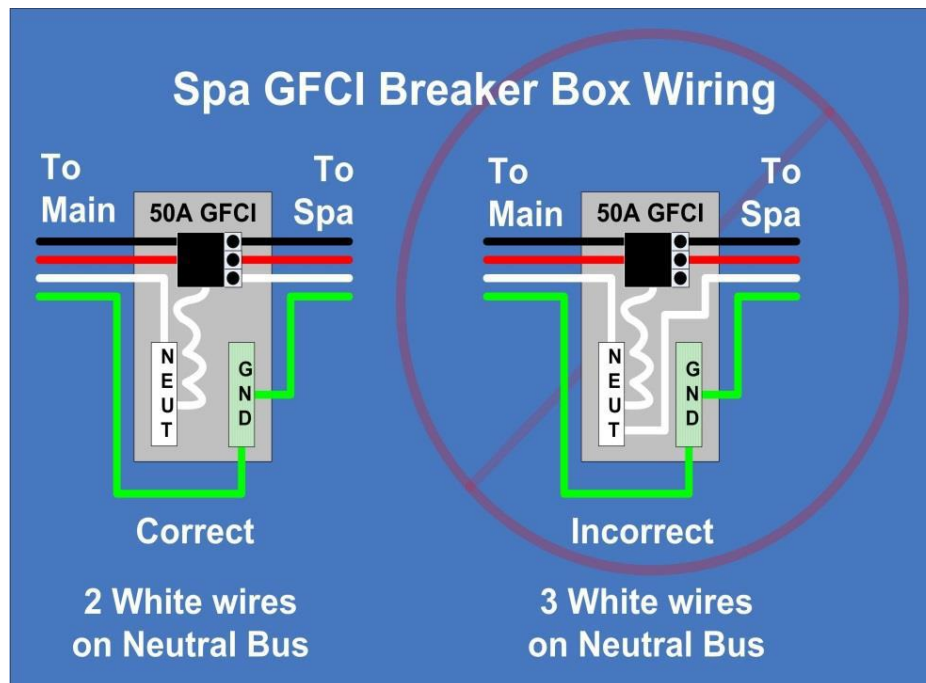


Figure 2 – GFCI Wiring

IMPORTANT: Use only a GFCI Circuit Breaker (Siemens or similar). Installation, including selection of conductor size and type, must be performed by a qualified electrician in accordance with the National Electrical Code or the Canadian Electrical Code, and all federal, state and local codes and regulations in effect at the time of installation.

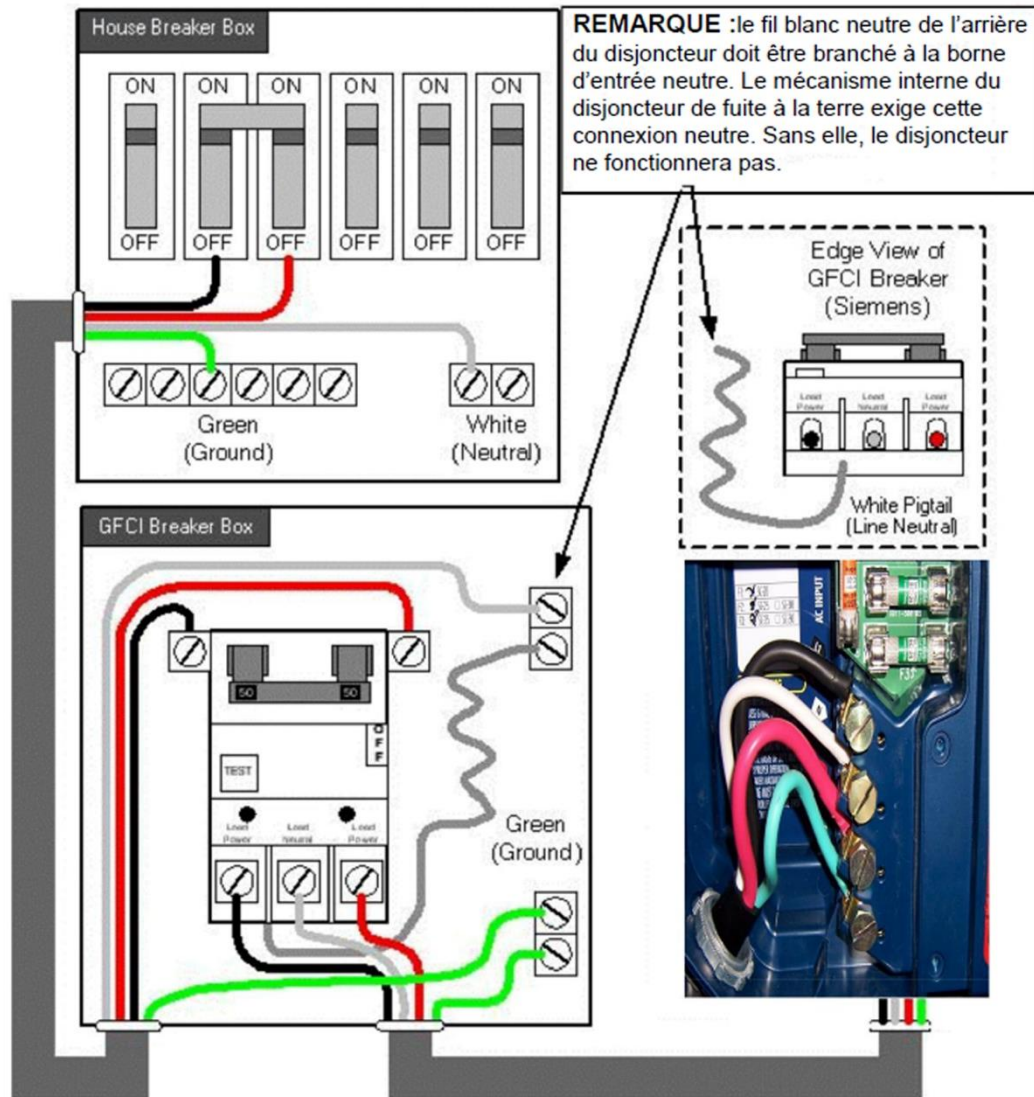


Figure 3 – Schéma de câblage
Consulter le tableau du calibre page 11

SITE PREPARATION

ABOVE-GROUND INSTALLATIONS

Where the hot tub is a “stand-alone” above-ground installation to be installed in regions where freeze/thaw conditions may occur, a level patio stone or pre-formed paver type base may be sufficient if there is no abutting deck(s) that could be damaged during potential seasonal movement of the ground. The potential drawback to this type of base is that splash water could eventually de-stabilize the ground under the base, with the resultant shift of the support base causing damage to the hot tub structure.

For best results, we recommend the installation of a level concrete pad:

- **Dig out and level the ground 20-30 cm (8-12 in.) below your desired base level**
- **Install 10-15 cm (4-6 in.) of crushed stone**
- **Next, install 10-15 cm (4-6 in.) of poured concrete**
- **Level the concrete and apply a broom-type finish**
- **We recommend that the pad be made 15 cm (6 in.) larger than the hot tub on three sides, and 1 m (3 ft.) larger on the side where the access steps and/or planters will be installed.**
- **Hot tub/swimspa must be installed on a level pad**

In regions where freeze/thaw occurs, or where there will be custom decking abutting the hot tub we recommend the installation of sono-tubes beneath the pad to prevent shifting.

IN-GROUND & PARTIAL IN-GROUND INSTALLATIONS

For units being installed fully or partially in the ground, the type of support will again vary based on whether or not the tub is being installed in an area with freeze/thaw conditions. We don't recommend back-filling full in-ground or partial in-ground installations.

- Non-freezing climates – it is sufficient to ensure that the base of the hole or cavity created for the tub has a dry, stable, compacted level base and proper drainage.
- Climates where freeze/thaw occurs – it is necessary that a poured level reinforced concrete base, complete with concrete footings, be installed as outlined in the section **ABOVEGROUND INSTALLATIONS**.

Areas with a high ground water table – a level concrete base, as well as a concrete or wood retaining wall to hold back the earth, is recommended. This forms a box or 'bunker', in which the hot tub is placed.

- **ALWAYS** ensure that there is good drainage, via a properly designed French drain (gravel) system and/or a sump pump, to prevent ground water flooding damage to the support equipment or hot tub structure.
- Install protective waterproof conduit to house any cables that will be buried.
- Access for future service must be considered at the time of design and installation. You must be able to access all sides and areas of your hot tub. Difficult access will result in supplemental service labor charges not covered by the factory warranty. Consider easily removable deck materials.
- Make sure the hot tub or swim spa is tested for 48 hours before you prepare the installation of the surrounding/finish deck around your hot tub. Even though all units are tested in our plant, some transport/site handling damage can occur and we suggest you make sure the tub is perfectly waterproof before finalizing your installation.

FILLING

- When adding water for the first time, the hot tub should be filled through the skimmer opening (helps to prevent air locks) using a standard garden hose, turning the tap on slowly to prevent damage to the surface by a jerking hose connection.
- Fill the hot tub to the recommended level, approximately just under the pillow.

CHECKING

- Although your hot tub was thoroughly water-tested in the factory, some loosening of fittings can occur during shipping. Before any decking, tiling or carpeting is completed around the installation, fill and operate your hot tub to test for leaks (this ensures easy access and inexpensive correction). Check all union connections and plumbing for minor leaks. In the event of a leak, ensure all union connections and pump plugs are tight and all O-rings/gaskets are in place.

STARTING

- Before applying voltage to power-up your hot tub, it is very important that you understand the sequence of events that occur when the system is activated in order that the pump can be primed efficiently and damage to the system can be avoided.
- Turn the main power "on" at your electrical panel.
- Follow the control instructions for your particular model hot tub.

HOT TUB WATER BALANCE – GENERAL OVERVIEW

NOTABLE POINTS

- The reliability and longevity of your hot tub support equipment are directly related to how well water quality is maintained!
- The small volume of water in your hot tub is easily affected by the introduction of oils, lotions, perspiration and chemicals. It is imperative that you give your hot tub regular attention to maintain clean, safe and balanced water to prevent premature damage and/or failure (corrosion/calcification) to the support equipment. Maintaining proper hot tub water balance and sanitizer levels is extremely important. Neglected hot water will allow bacteria to quickly spread.
- The mineral content of hot tub water increases due to water evaporation, sanitizers and other chemicals. If the mineral concentration, particularly calcium, becomes too high, the minerals will literally “drop” or precipitate out of the water and deposit on the hot tub walls, plumbing, jets, in the filter and on the heater element.
- It is very important that pH be checked frequently and maintained in the recommended range as indicated in the chart **WATER BALANCE SUMMARY FOR YOUR HOT TUB**
- It is also very important that Total Alkalinity (the ability of the water to resist a change in pH) be maintained in the recommended range as indicated in the chart **WATER BALANCE SUMMARY FOR YOUR HOT TUB**
- Although there may be two identical hot tub models right next door to each other, the maintenance requirements will be different, dependant on such factors as:
 - bather load
 - frequency of use/quantity of bathers
 - different body chemistry
 - sun vs. shade
 - temperature

For these reasons, it is very important to develop proper hot tub water maintenance habits and follow your retailer's recommended water maintenance procedures.

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AVERTISSEMENT

CHEMICAL HANDLING SAFETY HINTS INITIAL WATER FILL & BALANCE

- Never pre-mix chemicals with each other prior to adding to hot tub water.
- Add only one chemical to the water at a time.
- Always add chemicals to water and not vice-versa.
- Chemicals may be corrosive, so handle with care and store in a cool dark place.
- Never smoke near chemicals as most are flammable
- Ensure any spilled chemicals are carefully cleaned up immediately.
- Always have the POISON CONTROL telephone number handy in the event of an emergency.
- Keep chemicals out of children 's reach
- Wear safety glasses and gloves when handling chemicals.

INITIAL WATER FILL & BALANCE

- 1 Make sure the hot tub water is circulating and above 20°C (68°F)
- 2 Add a sequestrant (stain and scale controller). Allow water to circulate for an hour before adding anything else to the hot tub water.
- 3 Add a Shock / oxidizing agents.
- 4 Add sanitizing tablets (Bromine or Chlorine)

The ideal water level is right under the headrests.



It is important to check that there is always one (or two) cartridge (s) in the skimmer and that it is well screwed.



LEXIQUE

DEFOAMER – removes foam build-up from the water surface. At best, this is a temporary remedy, as excessive foam is merely a symptom of improper water balance (typically high organic residue and/or high pH).

SEQUESTERANTS (STAIN AND SCALE CONTROLLERS) – keeps dissolved metals and minerals in the water from attacking the hot tub shell and support equipment components.

TOTAL ALKALINITY (TA) – the amount of carbonate, bicarbonate and hydroxide compounds present in the water that deter mines the ability or capacity of the water to resist change in pH. Also known as the 'buffering' capacity.

BROMAMINES – are formed when bromine destroys nitrogen-bearing organic matter. Unlike chloramines, bromamines don't cause eye irritation, however, when allowed to go unchecked, will cause an objectionable odour.

TWO-PART BROMINE – composed of a liquid or powder component introduced manually into the water on a weekly basis, and a granular component that is added daily or as the hot tub is used.

ONE-PART BROMINE – also available in puck/tablet form, is another type of oxidant/biocidal agent, and is introduced into the hot tub water via a brominator. Recommended bromine residual level is 3.0 to 5.0 ppm

CHLORINE – in granular, liquid or puck/tablet form, is an oxidant and biocidal agent. It is very effective and fast acting. Recommended chlorine residual level is 3.0 to 5.0 ppm.

CHLORAMINES – a compound formed when chlorine combines with nitrogen or ammonia present in the water. When allowed to go unchecked, it causes eye and skin irritation and is indicated by a strong chlorine odor.

SHOCK – the practice of adding an oxidizing agent to hot tub water to destroy ammonia, nitrogenous and organic contaminants (chloramines and bromamines).

CALCIUM HARDNESS – the calcium portion of the total alkalinity which represents 70 to 75% of total hardness. Calcium concentrations determine whether water is 'soft' - too little calcium, or 'hard' - too much calcium.

TOTAL DISSOLVED SOLIDS (TDS) – a measure of the total amount of dissolved matter in the water (calcium, carbonates, bicarbonates, magnesium, metallic compounds, etc.)

PPM – abbreviation for 'parts per million', the unit of measurement used in chemical testing which indicates the parts by weight in relation to one million parts by weight of water. Essentially identical to the term mg/L - milligrams per liter.

CARTRIDGE FILTER CLEANER – degreases and cleans cartridge filters.

OZONATOR – generates Ozone (a gaseous molecule composed of 3 atoms of oxygen) and is injected into the hot tub water for the oxidation of water contaminants.

pH – a logarithmic value expressing the relative acidity or basicity of a substance (such as hot tub water) as indicated by the hydrogen ion concentration. pH is expressed as a number on a scale of 0 to 14, where 0 is most acidic, 1 to 7 being acidic, 7 considered neutral, 7 to 14 being basic, and 14 being most basic. The ideal range for hot tub water is 7.4 to 7.6 ppm

pH DECREASER – lowers the pH level of the water.

ALKALINITY BOOSTER – raises the alkalinity.

SOLUTION DE HAUSSE DU CALCIUM – hausse le niveau de calcium.

pH INCREASER – raises the pH level of the water.

TEST KIT – used to monitor specific chemical residual or demands in the water. May be in the form of litmus strips or liquid drops.

WATER BALANCE SUMMARY FOR YOUR HOT TUB*

SANITIZER (ppm)	MIN	IDEAL	MAX
Chlorine	1.0	3.0 - 5.0	5.0
Bromine	2.0	6.0 - 10.0	10.0
CHEMICAL			
PH	7.2	7.4 - 7.6	7.8
Total Alkalinity (TA)	80	80 - 120	180
Calcium Hardness	150	200 - 400	500 -1000

*National Spa & Pool Institute recommended levels for residential spas/hot tubs

CONTROL ACCESSORIES

VENTURI JETS

The Be Well Spa in the Executive Series is equipped with one (1) or more VENTURI jets.

- These settings jets will allow you to control the flow of water or air delivered by your nozzles.
- The toning massages provided by the venturi jets allow a fast and lasting relaxation of the muscles

Valve deviator

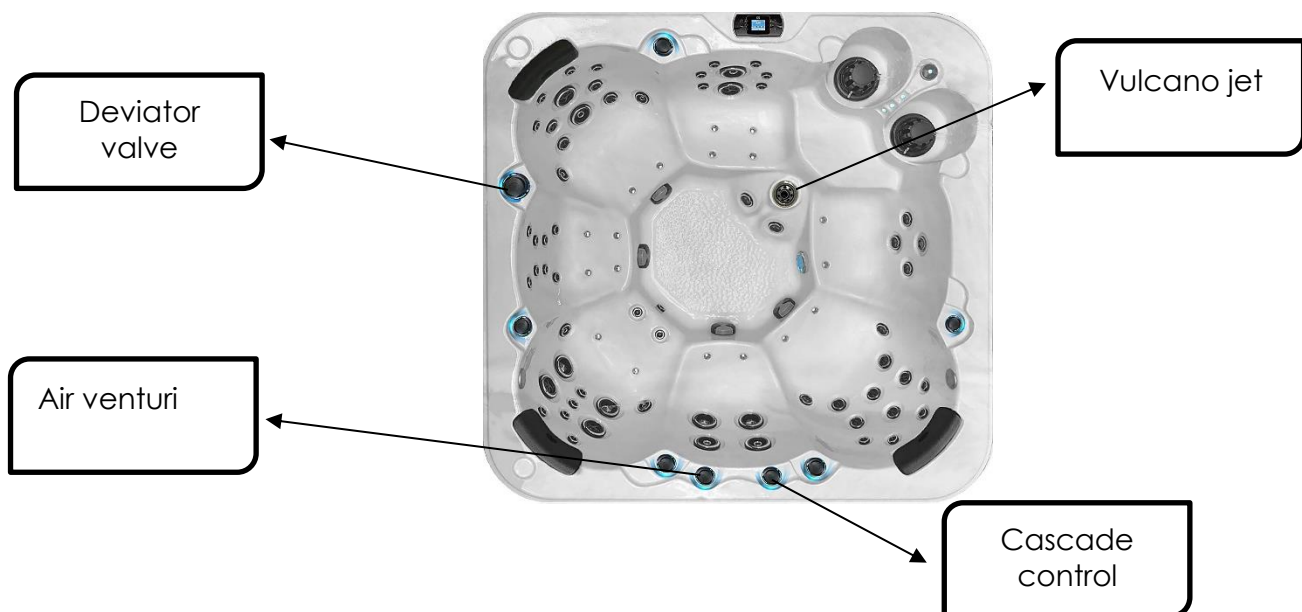
The Be Well of the Executive Series spas are equipped with a 3-way valve (except the E680 models) that can control 1 seat up to 7 seats. The three (3) valve lets you share your jets in each seat. Reversing the flow of water is possible at the deviation chute installed in your spa.

Cascade control

The controller has an ON and OFF position. When you turn the joystick to ON, the waterfall will start working.

Jet Vulcano control

Be Well spas equipped with a Vulcano jet is controlled by the 3-way valves. The deviator valve allows to activate or not the Vulcano jet.



WATER BALANCE TROUBLESHOOTING

PROBLEMS	POSSIBLE CAUSES	SOLUTIONS
Cloudy water	Dirty filters Microscopic particles too small to filter Too old water	Clean the filters. Test and adjust all water balance elements and add flocculent to cause the particles to combine together so they can be filtered out. Increase filter cycle time. Empty the spa and refill it.
Smelly water	Excessive presence of organic matter in the water	Shock the spa water with a disinfectant and adjust the pH. If the problem persists, empty, clean and fill the spa.
Tinted water	Copper, iron or other dissolved metals from the water source or equipment	Add an algicide
Algae formation	PH level too high Level of disinfectant insufficient	Shock the spa water with a disinfectant and adjust the pH. Shock the spa water with a disinfectant and maintain the level of disinfectant.
Eye / skin irritation	pH too low	Add a pH Booster until level is 7.2 - 7.6
Excessive Foam	Buildup of body oils or cosmetics	If no water line is present you can try using defoamer to break up the contaminants and then a clarifier* to help filter them away. If a water line is present the spa may need to be drained and cleaned. Either way, the filter should be thoroughly cleaned by soaking over night in bleach. An oil absorbing sponge can help in preventing this in the future. Increase filter cycle time.
Organic / moldy accumulation around the spa	Accumulation of oil and dust	Wipe the foam with a clean cloth. If necessary empty the spa, use a spa surface cleaner to remove foam and refill the spa.
Corrosion/Etching	Presence of metals in water (iron, copper, ...)	Test total alkalinity levels and if necessary increase with sodium bicarbonate.
Discoloured Water (Clear v. turbid water)	Presence of metals in water (iron, copper, ...)	Treat with chelating or sequestering agent.
Unstable pH	Low Total Alkalinity levels	Test total alkalinity levels and if necessary increase with sodium bicarbonate
pH resistant to changing	High Total Alkalinity levels	Test total alkalinity levels and if necessary decrease with sodium bisulfate or muriatic acid.

ROUTINE HOT TUB MAINTENANCE

Tip: Check with your insurer that your spa is an insurable.

REVIEW CHEMICAL HANDLING SAFETY HINTS DAILY

EVERY DAY OR AT LEAST 3 TIMES A WEEK

- 1** Test water, and if necessary, add shock.
- 2** Ensure proper water level is maintained.

WEEKLY

- 1** Test pH and Alkalinity. Adjust accordingly
- 2** Top-up chemical dispenser
- 3** Add sequesterant (stain and scale controller)
- 4** Remove and spray cartridge filter with garden hose and reinstall
- 5** Add Shock / oxidizing agent

MONTHLY

Soak your filter cartridge in a filter cartridge cleaning solution.
Rinse thoroughly and, if possible, allow to dry before re-installing.

QUARTERLY

Drain hot tub at least once per quarter and clean the acrylic shell surface with a non-abrasive cleaner designed specifically for acrylic surfaces.

CHANGING THE HOT TUB WATER

A hot tub should be drained every 8-12 weeks, depending on size and amount of use. If your hot tub is used daily or by a large number of bathers, the water should be drained more often. One method to determine the approximate length of time between water changes is to divide the water volume (in liters) of your hot tub by 13.5 and then divide by the average number of bathers each day.

COVER

When the spa is not in use, it must be covered by its cover which is to be locked, in order to render the spa safe and keep the heat of the water.

CLOSING PROCEDURE

If you choose not to use your spa during the winter, you must continue to maintain it until closing. Keeping the water clean longer helps to minimize dirt build-up and bacteria formation and thus avoid any risk of possible contamination.

To protect the equipment from frost and keep the water clear, never stop the filtration system before closing the spa.

Procedure

1. First, operate the pumps and pour two (2) cups of bleach into the spa. Run the pumps for 1 hour (restart them when they go out).
2. Disconnect power from the spa.
3. Drain the spa using one of the following methods: By gravity, using the drain hose or with a submersible pump.
4. Remove the cartridge (s) from the skimmer and rinse with clean water. Soak them in the cleaning product. Rinse them and let them air dry.
5. Store them for the winter. If they are no longer good, please take the information on the cartridge, such as the size, and take pictures of them before throwing them away.
6. Remove all adjustable jets.
7. Leave the head restraints in place. Clean the shell with an acrylic cleaner.
8. Make sure that the guillotine valves on each side of the heating element and in front of the pumps are open.

If you have an In.Clear system in the spa, see the cleaning section in the In Clear manual.

Drainage of piping

You must use a vacuum cleaner or blower to close properly. Blow into all the hoses to properly drain the jets. You must do it at least 2 times for each pipe. Vacuum the remaining water at the bottom of the spa with the vacuum cleaner.

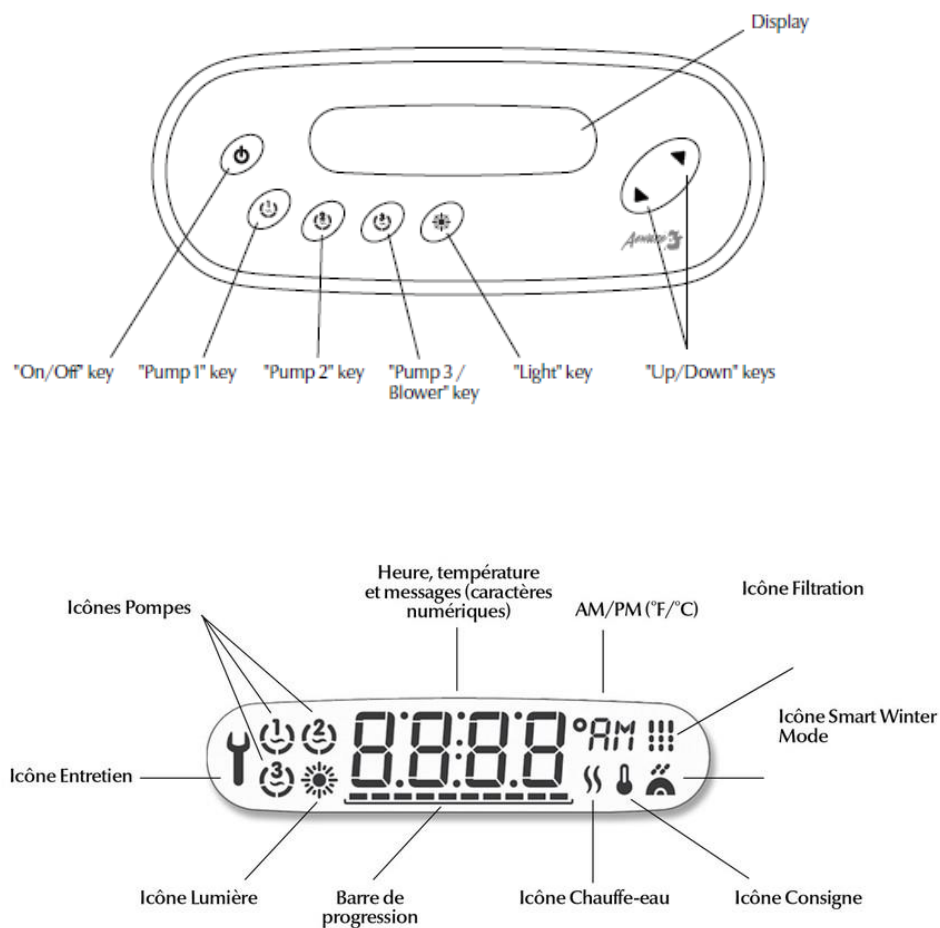
Valves of waterfalls and throws

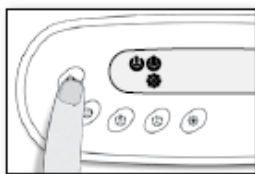
Unscrew the on / off valves and remove the o-rings and the pivot. Blow into the valves using the cone of the blower until all the water has come out of the falls and neck throws. Reinstall o-rings, taking care to lubricate them. Close the valve. Vacuum the remaining water at the bottom of the spa with the vacuum cleaner. Vacuum the drain drain from the spa for about 1 to 2 minutes. Vacuum each body of jets at least twice with the vacuum cleaner. Aspirate skimmer orifices and drains. Do not forget to put the skirt panels back in place and screw them tight.

Close the circuit breaker outside (GFCI or DCI) and inside the house (electrical panel). Dry the hull. Pour non-toxic antifreeze into each hole of the skimmer until the antifreeze exits through the drains inside the spa. Add 1/2 cup of non-toxic antifreeze in each of the jets. Clean the spa cover with the cover cleaner and let it dry. Place the lid on the top of the spa. You can cover the spa with a polyethylene canvas and make sure everything is well fastened to face the winter. Leave space between the fabric and the spa skirt to prevent moisture build-up.

CLAVIER IN.K450 :

Aeware's new series of keypads features a large LCD display and slightly raised keys that let users control all spa system functions and programming directly from spa side. In.k450 comes with a customizable overlay in an easy to install waterproof plastic enclosure designed to maximize user experience.





On/Off key

Depending on the spa manufacturer, this key may have different functions: On/Off, Standby mode or quick enable of the Economy mode.

On/Off Mode

By default, the system is always on. Press and hold On/Off key for 5 sec. (or Press and hold Pump 1 key for 5 sec.) to shut the system down for 30 minutes.

The display will toggle between the "OFF" message and water temperature. Press On/Off key to restart the system before the expiration of the 30 minutes delay.



Standby Mode

Quick press and release the On/Off key to shut the system down (i.e. to set it to Standby mode) for 30 minutes. The display will toggle between the "SBY" message and water temperature. All keys are then disabled, unless you press On/Off key again to reactivate the system before the expiration of the 30 minutes delay.

In order to warn the user, the spa light will flash for a few seconds before the exit of Standby mode.

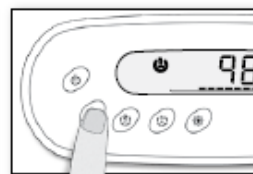


Economy Mode

This mode allows you to lower the temperature set point of the spa by 20 °F (11 °C) during a certain period of the day.

To enable the economy mode: Press and hold On/Off key for 10 sec.

While the Economy mode is enabled the display will toggle between "Eco" and the water temperature. Once the system goes back to normal mode, the display will show "noE".

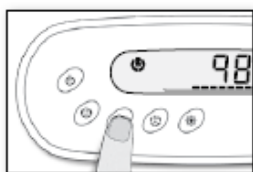


Pump 1 key

Press Pump 1 key to turn Pump 1 on at low speed. Press a second time to turn pump to high speed (with a dual-speed pump). A third time turns pump off.

A built-in timer automatically turns pump off after a predetermined period of time, unless pump has been manually deactivated first.

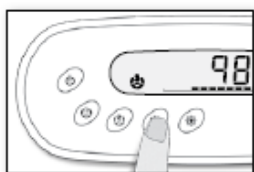
** If single speed pump: press Pump key to turn pump on. Press Pump key again to turn pump off.*



Pump 2 key

Press Pump 2 key to turn Pump 2 on. Press a second time to turn pump off.

A built-in timer automatically turns pump off after a predetermined period of time, unless pump has been manually deactivated first.



Blower key

Press Blower key to turn blower on. Press a second time to turn blower off.

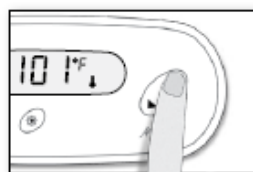
A built-in timer automatically turns blower off after a predetermined period of time, unless blower has been manually deactivated first.



Light key

Press Light key to turn light on at high intensity. Subsequent presses change light intensity. A last press turns light off.

A built-in timer automatically turns light off after a predetermined period of time, unless it has been manually deactivated first.



Up/Down keys

Use Up or Down key to set desired water temperature. The temperature setting will be displayed for 5 seconds to confirm your new selection.

The "Set Point" icon indicates that the display shows the desired temperature, NOT the current water temperature!



Program key

Use Program key to display time or enter Programming menu by pressing and holding key. In Programming mode, the following parameters can be set: time, filter cycle start time, filter cycle duration, filter cycle frequency, and temperature unit.

Note: Light key is used as Program key if this key is not present.



Setting the time

Enter Programming mode by holding Prog. key pressed down for 3 sec. The display will show the current time setting.

Setting the hour: Use Up or Down arrows to change hour setting (AM/PM).

Setting the minutes: Press Prog. key a second time.

Use Up or Down key to change hour setting.



Setting filter cycle start time

To program the filter cycle, you must enter these parameters: the start time, duration and frequency. During a filter cycle, pumps run for one minute to purge the plumbing, then Pump 1 runs for the programmed number of hours.

Press Prog. key a third time. The display will show F5xx, with "xx" representing the starting hour.

Use Up or Down key to change setting.

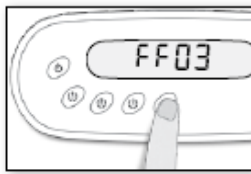


Setting filter cycle duration

Press Prog. key a fourth time.

The display will show Fdxx, with "xx" representing the duration in hours.

Use Up or Down key to change setting.



Filter cycle frequency

Press **Prog.** key a fifth time.

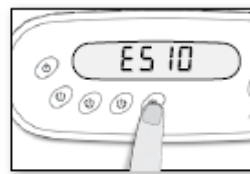
The display will show **FFxx**, with "xx" representing the number of filter cycles per day (up to 4).

Use **Up** or **Down** key to change setting.



Setting economy mode*

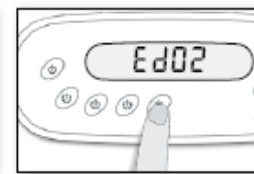
Press **Prog.** key a sixth time. Use **Up** key to enable the economy mode, the display will show **EP 1** or use **Down** key to disable economy mode, the display will show **EP 0**.



Setting economy start time*

Press **Prog.** key an seventh time. The display will show **ESxx**, with "xx" representing the starting hour.

Use **Up** or **Down** key to change setting.



Setting economy duration*

Press and hold **Light** key until the display shows **Edxx**, with "xx" representing the duration in hours. (Default: 2 hours).

Use **Up** or **Down** key to change setting.
0 – no filtration¹
24 – continuous filtration

¹ It's not recommended to set this to "0".



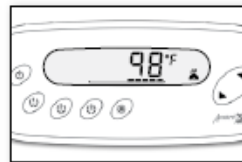
Setting temperature unit

Water temperature can be displayed in either Fahrenheit (°F) or Celsius (°C). Press **Prog.** key a ninth time. The display will show either 'F' or 'C'.

Use **Up** or **Down** key to change setting.

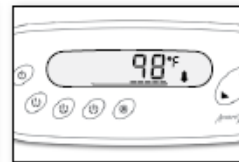
Press **Prog.** key once more to go back to normal mode.

Note: 'F' will be displayed in in.xe Spa Packs.



Smart Winter Mode

Our Smart Winter Mode protects your system from the cold by turning pumps on several times a day to prevent water from freezing in pipes.



Water temperature regulation

In a regulation cycle, the system first generates water flow through the heater housing and the plumbing, in order to ensure accurate water temperature readings as well as avoiding heater activation in dry conditions.

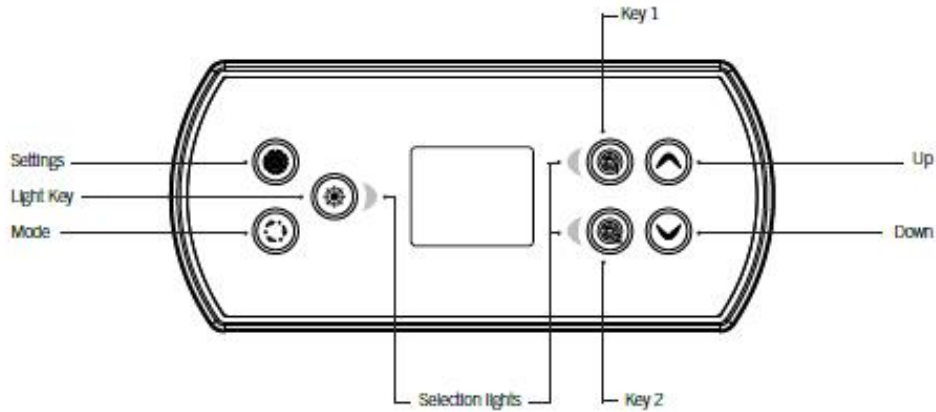
After verifying pump activation and taking a water temperature reading if required, the system automatically turns the heater on to reach and maintain water temperature at Set Point.

Cooldown

After heating the spa water to the desired Set Point, the heater is turned off, but its associated pump (Pump 1 Low-speed or CP) remains on for a predetermined period of time to ensure adequate cooling of the heating element, this prolongs its useful life. The heater icon flashes during this time.

CLAVIER IN. K500

in.k500 keypad layout



**Functions for keys 1 and 2 will depend on your system's low level configuration.*

Settings key

One press gives you access to a menu to manage the settings of your spa. Refer to the settings section for details about the settings menu.

Mode key

Successive presses on the Mode key will give access to control different optional accessories of your spa such as Audio and others. Note that if an accessory is not present in your spa configuration, its menu will not appear. Refer to the following section to get details about the possible accessories and their detailed functionalities. The screen will revert back to the spa mode if no key is pressed for 60 seconds.

If you don't have any accessories on your spa, the Mode key can be used to directly change your display orientation.



Power

Press any button to turn the keypad on. After 30 minutes without activity it will shut off.

Main screen

The main screen gives you access to your accessories and water temperature. At the bottom of the screen you will see any error or maintenance messages that are present.



Start or stop accessories

To start or stop an accessory, press the associated button. Icons will become animated when their accessory is turned on, and inanimate 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 two states, press the button until it reaches the desired state.

Note (version 14.00 and higher):

A special buttons and icons mapping may be used when the spa configuration has 4 accessories* (3 pumps and a blower or 4 pumps and no blower). In this case only, buttons and icons are divided in 2 sets of accessories. Button #1 starts or stops pump #1 and pump #2. Button #2 starts or stops Pump #3 and Pump #4/blower.

Corresponding icons will be animated when one or more accessories are on.

* Only Pump #1 can have a dual speed.



Water temperature

The temperature shown at the top of the screen is the current water temperature. Use the Up and Down buttons to set the desired temperature.

The set point will appear in blue at the bottom.

After 3 seconds without any change to the set temperature value, the keypad will resume the normal display of messages.

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



Settings

From the home page you can access the *Settings*, where you will find:

- *Water care*
- *Audio (if installed)*
- *in.clear-200 linked version*
- *Standby*
- *Maintenance*
- *Date & time*
- *Keypad*
- *Wi-Fi*
- *Config*
- *Restore*
- *About*

Use the arrow keys to move up and down in the list. To select an option, press the lit button beside it (Light button).

At any point you can press the Settings button to return to the home screen.



Water care

The Water Care section will help you set up your ideal filtration and heating settings. Choose from *Away*, *Beginner*, *Energy Savings*, *Super Energy Savings*, and *Weekender*, depending on your need. Use Light key to choose your setting. A checkmark will appear on the selected icon to confirm.

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.

* Default pack value

Water care modes



Away:

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



Beginner:

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 Savings:

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*.

*Filtration will be reduced when the economy mode is active.



Modifying schedules

To see and/or modify a Water Care category, use the lit button to the right (Key 1) to open the selected Water Care menu.

Use the arrow keys to choose a schedule to modify (choice of economy and filtration schedules).

Use the Light key to move between parameters.

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, use Key 1 to go back. Ensure that you have selected the desired Water Care option in the main Water Care menu.



The filtration schedule shown on the screen will apply 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 fixed number of minutes, therefore the duration will be set to N/A on the screen, and only the start time can be modified.



Audio

The in.k500 can be used with the in.tune, in.stream or in.stream 2 audio systems. The Audio section in the Settings menu of an in.stream gives you the option to disconnect or unpair your Bluetooth enabled device when using the in.stream.

With version 7.00 and higher, it is also possible to select Source to use a device connected by auxiliary cable or Bluetooth wireless connection.

The in.stream 2 Settings menu gives you a Source selector, a Bluetooth disconnect option, an On/Off switch and an audio control on fader, balance and subwoofer. For more information on audio functions, see the in.tune, in.stream or in.stream 2 operation section.

The Audio option will only appear in the menu for keypads that are set up for an in.stream connection. The in.stream 2 is automatically detected at power-up.



Maintenance

From the Settings page you can access the Maintenance menu, which gives you access to the following options:

- Maintenance reminders
- Standby

Use the Up and Down keys to make a selection, and Light key to confirm.



Maintenance reminders

The iInk500 keypad will remind you of maintenance required on your spa, like rinsing or cleaning the filter. Each task has its own duration, based on normal use.

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

Use the Up and Down keys to move through the list.

To reset a task select it by pressing Light key, 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 automatically restart after this time.

Once Standby mode has been activated a screen will appear to show that pumps are stopped. The normal spa page will return at the end of maintenance.

Press the Key 1 to leave Standby mode and restart the spa.

Note:

In version 6.00 only, Standby mode is accessible directly from the Settings page.



Date and time

Here you can adjust the time format, change the year, date and time. Use the arrows to choose the setting that you want to adjust, and select it by pressing the Light key.

Use the arrow buttons to change the parameters, and the Light key to move between parameters. Key 1 will take you back to the main Settings menu.

Note:

In version 6.00 and earlier, only the day of the week can be changed, and not the year or date.



Keypad settings

In this section, you can change the temperature unit, language, display orientation, rim light color and keypad security. Note the spa pack must be configured accordingly to be able to change the rim light color.

When you change the display orientation, the contextual options and arrow keys adjust to the chosen orientation. If you don't have any accessories installed on your spa, the Mode key can be used as a display orientation key. Simply press on it to change your orientation from normal to inverted, and vice versa.

Whether the display is inverted or not, the Mode and Menu keys remain unchanged, as well as the accessory keys in the main Spa menu.



With the in.k500 equipped with a selectable rim light color modul: If the "RGB backlight" option is enabled in the spa configuration an option will appear to allow selection of the keypad rim light color.

You can lock the keypad by selecting one of 3 security levels: Unlock, Partial or Full. The Partial level locks the set point adjustment and many options in the settings menu. The Full level locks all keypad functions. To unlock the keypad (either Partial or Full), press and hold the top right key for 5 seconds.



WiFi

For the WiFi menu to appear in the Settings menu your in.touch module must be equipped with software version 11.00 or higher. This menu allows you to connect your in.touch module to a WiFi network or to change its network.

For more details about other in.touch connection methods please see the in.touch techbook.

To connect your in.touch module to a wireless network, use the Up/Down keys to go to the WiFi option in the Settings menu and Light key to select it.

After a few seconds the available networks will appear on the screen, as well as their signal strength.

Use the Up/Down keys to move through the list. Select your network by pressing on Light key.

If the WiFi network is password protected enter it when prompted.

- Use the arrow keys to choose your letters and change the type of character (uppercase, lowercase, number, symbol).
- Use Key 2 to move the cursor forward
- Use Key 1 to backspace
- Use Light key to confirm

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



Once the in.touch module is connected to a WiFi network a check mark in a green circle will appear in the WiFi menu, and the network logo will change to green in Settings menu.

Note:

WiFi logo color in Settings menu corresponds to the in.touch connection state.

Yellow = not connected

Green = connected to a network

Yellow with wait icon = connection attempt to a network

Red with wait icon = in.touch no longer detected (in.touch must be reset before next connection attempt)

in.stream 2 operation



Press the Mode key to access your in.stream 2.

If you are using a device with Bluetooth technology, it must be connected for functions to work.

Play/Pause audio

Press the Play/Pause button to start or pause the audio. This button is available for Bluetooth and USB only.

Adjusting the volume

Press the Up or the Down key to increase or decrease the volume.

Turn power On/Off

This option can be found under the Audio section in the Settings menu.

Changing tracks

Use the Last Track and Next Track keys to change tracks or FM stations. This is not available with Aux source.

Disconnect

This option can be found under the Audio section in the Settings menu.

Fader, Balance and Subwoofer

These options can be found under the Audio section in the Settings menu.

in.clear functions

This menu is only available if an in.clear linked is detected.



Press on the Mode key to access your in.clear module.

This menu allows you to activate or deactivate your in.clear, to start or stop a Boost, and to enter diagnostic mode.

Turning the in.clear on/off

Press the power key to turn the in.clear on or off.

Control the Boost level

Press on the Boost activation/deactivation key to start a Boost, and again to cancel.

To adjust the Boost level use the arrow keys.*

A message indicating that Boost mode is active is displayed at the bottom of the main screen for the duration of the Boost.

Diagnostic Mode

Press on the Diagnostic key to start a BromiCharge concentration level test. To exit diagnostic mode press on the Diagnostic key again. The system will automatically exit after 15 minutes.

In diagnostic mode, the BromiCharge gauge indicates the approximate level of BromiCharge in the spa water. Do not add BromiCharge if the indicator is in the green zone.



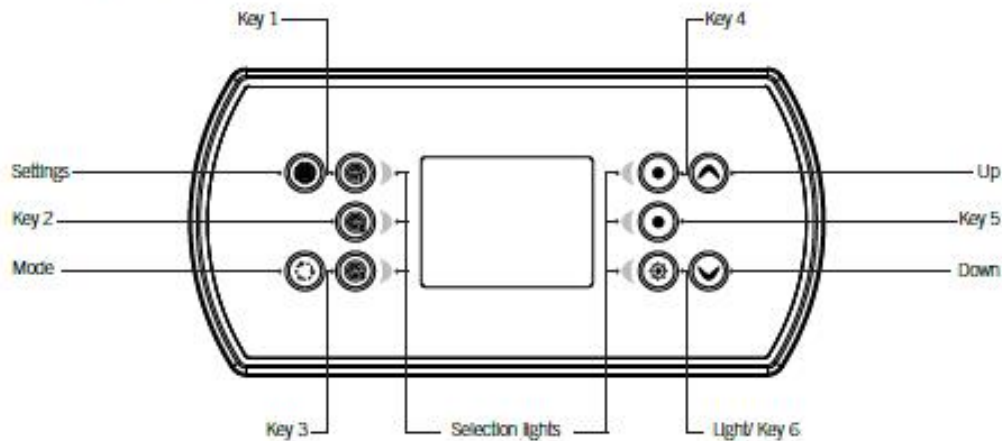
When BromiCharge is added the indicator will move slowly to the right. When water is added to the spa the indicator will move to the left. To obtain a good level of BromiCharge, start the pumps and add the specified amount of BromiCharge** and allow 5 minutes for the indicator to adjust before adding more.

For optimal performance, aim for the middle of the green zone.

CLAVIER IN. K800

With its bright, full color display, the in. k800 provides an intuitive user experience, while its screen's high resolution brings hot tub user interfaces to a new level. Loaded with a large amount of memory and a powerful on-board processor we have created the seamless graphic interface

in.k800 keypad layout



** Functions for keys 1 to 5 will depend on your system's low level configuration.*

Settings key

One press gives you access to a menu to manage the settings of your spa. Refer to the settings section for details about the settings menu.

Mode key

Successive presses on the Mode key will give access to control different optional accessories of your spa such as Audio and others. Note that if an accessory is not present in your spa configuration, its menu will not appear. Refer to the following section to get details about the possible accessories and their detailed functionalities. The screen will revert back to the spa mode if no key is pressed for 60 seconds.

Depending on pack configuration, Mode key may also be used to change the display orientation when an accessory is not present.



Power

Press any button to turn the keypad on. After 30 minutes without activity it will shut off.

Main screen

The main screen gives you access to your accessories and water temperature. At the bottom of the screen you will see any error or maintenance messages that are present.



Start or stop accessories

To start or stop an accessory, press the associated button. Icons will become animated when their accessory is turned on, and inanimate 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 two states, press the button until it reaches the desired state.



Notifications

A notification area at the top right-hand side of the screen shows the state of certain accessories installed in the spa.

Notification icons

in.mix:



- Indicates that an in.mix system is detected. For more information about the in.mix system, refer to the in.mix functions section.

in.clear:



- The icon is green when the in.clear is generating bromine.
- The icon is grey when the in.clear isn't generating bromine.
- A red cross indicates that the in.clear is turned off.

For more information about the in.clear, refer to the in.clear functions section.

in.touch:



- Indicates that the in.touch module is detected and connected to a Wi-Fi network.
- A red cross indicates that the in.touch module is detected but isn't connected to a Wi-Fi network.

For more information about the in.touch, refer to the Wi-Fi section.

in.stream 2:



- The icon is green when the in.stream 2 is ON.
 - The icon is grey when the in.stream 2 is OFF.
- For more information about the in.stream 2, refer to the in.stream 2 functions section.

Keypad security:



- Indicates that the keypad is locked. For more information about keypad security, refer to the keypad settings section.



Régulation de la température

La température au bas de l'écran indique la température réelle de l'eau. Utilisez les touches Haut/Bas pour régler à la température désirée. La valeur de consigne est affichée en bleu. Après trois secondes sans modification de la valeur de température définie, la température de l'eau courante s'affiche de nouveau.

Lorsque la valeur définie est inférieure à la température réelle, le refroidissement jusqu'à xx.x est affiché en-dessous. Lorsque la valeur définie est supérieure à la température réelle, le chauffage jusqu'à xx.x est indiqué sous la valeur. Il y a normalement un court délai avant que le chauffage ne commence, et c'est durant ce délai que le message « chauffage en attente » est indiqué sous la valeur.



Réglages

À partir de la page d'accueil, vous pouvez accéder à l'option *Réglages*, qui vous donne accès aux options suivantes :

- Traitement de l'eau
- Audio
- in.clear-200 (modèle à connexion directe)
- Entretien
- Date et heure
- Réglages du clavier
- Wi-Fi
(Seulement si in.touch avec micro logiciel 11.00 et plus)
- Divers
- Configuration électrique
- À propos

Utilisez les touches Haut/Bas pour vous déplacer dans la liste. Pour sélectionner une option, appuyez sur la touche correspondant dont le voyant est allumé (touche 2).

Vous pouvez en tout temps appuyer sur la touche *Réglages* pour retourner à la page d'accueil.



Water care

The Water Care section will help you set up your ideal filtration and heating settings. Choose from *Away from Home*, *Standard - Beginner*, *Energy Savings*, *Super Energy Savings*, and *Weekender*, depending on your need.

Use key 2 to choose your setting. A green checkmark will appear on the selected icon to confirm.

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 shown on the screen will apply 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 fixed number of minutes, therefore the duration will be set to N/A on the screen, and only the start time can be modified.

* Default pack value

Water care modes



Away:

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



Standard - Beginner:

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 during the evening hours and on the weekend.



Super Energy Savings:

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.



Default Settings:

When you select Default Settings you will be asked to confirm your choice. Doing so will restore all Water care schedules to default settings.



Modifying schedules

To modify a Water Care mode, use the lit key to the right (key 5) to open the selected Water Care menu.

You can add schedules by scrolling down to **Add**, and selecting with key 2.

To delete a schedule, press key 4.

You can modify the programmed schedules by selecting one and adjusting the schedule using the arrow keys. Use key 2 to move between parameters.

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, use key 1 to go back. Ensure that you have selected the desired Water Care mode in the main Water Care menu.



Audio

The in.k800 can be used with the in.tune, in.stream or in.stream 2 audio system.

The Audio section in the *Settings* menu gives you the option to disconnect or unpair your Bluetooth enabled device when using the in.stream.

The in.stream 2 *Settings* menu gives you a Bluetooth disconnect feature and an audio control on fader, balance and subwoofer.

For more information on audio functions, see the in.tune, in.stream or in.stream 2 operation section.



Maintenance

From the *Settings* page you can access the *Maintenance* menu, which gives you access to the following options:

- *Maintenance reminders*
- *Standby*

Use the Up and Down keys to make a selection, and key 2 to confirm.



Maintenance reminders

The in.k800 keypad will remind you of maintenance required on your spa, like rinsing or cleaning the filter. Each task has its own duration, based on normal use.

The *Maintenance reminders* menu allows you to verify the time left before maintenance is required, as well as to reset the time once a task is completed.

Use the Up and Down keys to move through the list.

To reset a task select it by pressing key 2, then confirm when prompted. Once you have confirmed the task will be reset.



When you select *Reset reminders* you will be asked to confirm your choice. Doing so will reset *all* maintenance reminders to default values.



Standby

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

Once *Standby* mode has been activated a screen will appear to show that pumps are stopped. The spa page will return at the end of maintenance.

Press on the *Confirm* key to leave *Standby* mode and restart the spa.



Date and time

Here you can adjust the time format, change the year, date, and time. Use the arrows to choose the setting that you want to adjust, and select it by pressing key 2.

Use the arrow keys to change the parameters, and key 2 to move between parameters. Key 1 will take you back to the main Settings menu.



Keypad settings

In this section, you can change the temperature unit, language, display orientation, rim light color* and keypad security. Note the spa pack must be configured accordingly to be able to change the rim light color.

Use the arrow keys to choose the setting that you want to adjust. Select it by pressing key 2 then use the arrow keys again to change the setting.

When you change the display orientation, the contextual options and arrow keys adjust to the chosen orientation. The Mode and Menu keys remain unchanged, as well as the accessory keys in the main Spa menu.



You can lock the keypad by selecting one of 3 security levels: Unlock, Partial or Full. The Partial level locks the set point adjustment and many options in the settings menu. The Full level locks all keypad functions. To unlock the keypad (either Partial or Full), press and hold the top right key for 5 seconds.

* Since v23.00, if an In.mix is installed, you can synchronize the color of rim light with an In.mix zone.



Wi-Fi

For the Wi-Fi menu to appear in the Settings menu your in.touch module must be equipped with software version 11.00 or higher. This menu allows you to connect your in.touch module to a Wi-Fi network or to change its network.

For more details about other in.touch connection methods please see the in.touch techbook.

To connect your in.touch module to a wireless network, use the Up/Down keys to go to the Wi-Fi option in the Settings menu and key 2 to select it.

After a few seconds the available networks will appear on the screen, as well as their signal strength.

Use the Up/Down keys to move through the list. Select your network by pressing on key 2.



If the Wi-Fi network is password protected enter it when prompted.

- Use the arrow keys to choose your letters
- Use key 6 to move the cursor forward
- Use key 4 to change the type of character (uppercase, lowercase, number, symbol)
- Use key 3 to backspace
- Use key 2 to confirm

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



Once the in.touch module is connected to a Wi-Fi network a green check mark will appear in the Wi-Fi menu, and the network name will appear in the Settings menu.

in.stream 2 functions

This menu is available only if the in.stream 2 was detected at power up.



Press the **Mode** key to access your in.stream 2.

If you are using a device with Bluetooth technology, it must be connected for functions to work.

Please note that the Play/Pause functions apply only to Bluetooth and USB source. Change Track or station functions works with all sources except AUX.

Turning power On/Off

Press the **Power** key to turn the in.stream 2 on or off.

Selecting the source

Press the **Source** key to toggle between available sources.

Play/Pause audio

Press the **Play/Pause** button to start or pause the audio.

Adjusting the volume

Press the **Volume Up** or the **Volume Down** key to increase or decrease the volume.

Changing tracks

Use the **Last Track** and **Next Track** keys to change tracks. Note that on FM these functions can be use to change stations.

Disconnect

This option can be found under the **Audio** section in the **Settings** menu.

Fader, Balance and Subwoofer

Fader, Balance and Subwoofer settings can be edited under the **Audio** section in the **Settings** menu if your in.stream 2 supports it.

Connecting the in.stream 2 to the spa pack

See **Factory reset/Audio configuration** section for details on setting up audio.

Use the **CO** cable to connect the in.stream 2 to the **CO** port of the spa pack.

in.clear functions

This menu is only available if an in.clear linked is detected.



Press on the Mode key to access your in.clear module.

This menu allows you to activate or deactivate your in.clear, to start or stop a Boost, and to enter diagnostic mode.

Turning the in.clear on/off

Press the power key to turn the in.clear on or off.

Control the Boost level

Press on the Boost activation/deactivation key to start a Boost, and again to cancel.

To adjust the Boost level use the arrow keys.*

A message indicating that Boost mode is active is displayed at the bottom of the main screen for the duration of the Boost.

Diagnostic Mode

Press on the Diagnostic key to start a BromiCharge concentration level test. To exit diagnostic mode press on the Diagnostic key again. The system will automatically exit after 15 minutes.

In diagnostic mode, the BromiCharge gauge indicates the approximate level of BromiCharge in the spa water. Do not add BromiCharge if the indicator is in the green zone.



When BromiCharge is added the indicator will move slowly to the right. When water is added to the spa the indicator will move to the left. To obtain a good level of BromiCharge, start the pumps and add the specified amount of BromiCharge** and allow 5 minutes for the indicator to adjust before adding more.

For optimal performance, aim for the middle of the green zone.

* See the in.clear user manual for more details about Boost levels.

**For more information on adjusting your BromiCharge level see the in.clear user manual.

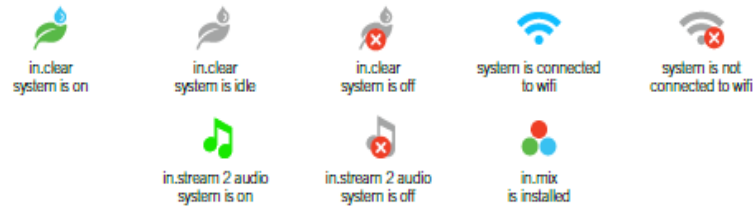
CLAVIER IN.K1000

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 in.k1000 user interface designed to let spa users interact intuitively with their spa and its value-added accessories.



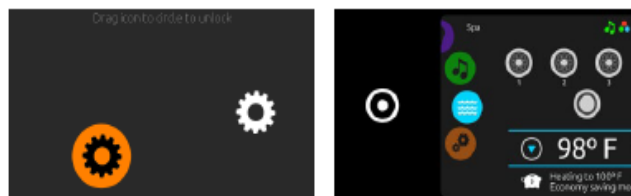
notification icons

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

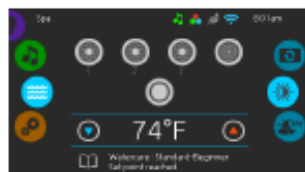
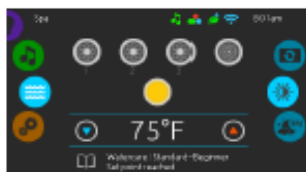
in.k1000 features an all-on or all-off one touch activation key. When pressed, it tops or starts all working components and accessories at once.

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

- 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

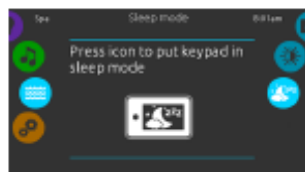
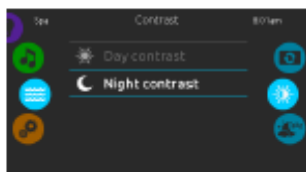
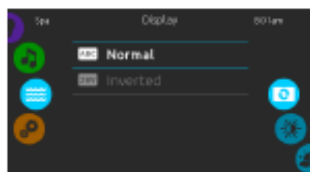
To start or stop an accessory (pump, blower, light), touch the associated icon. Icons will become animated when their accessory is turned on, and animation will stop when turned off.

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
- 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. 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.




Beginner
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.

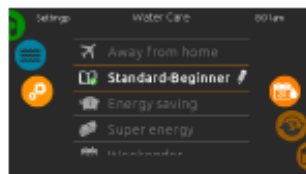


Super Energy
The spa will always be in economy mode during peak hours, every day of the week.



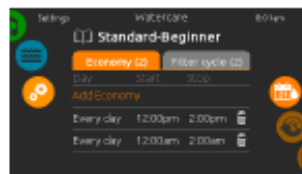
Weekender
The spa will be in economy mode from Monday to Friday, and will run normally on the weekend.

modifying water care schedules



water care

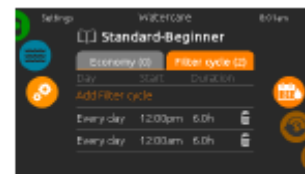
To modify a Water care category, touch the pen icon at the right end of the desired water care to open the selected Water Care menu.



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

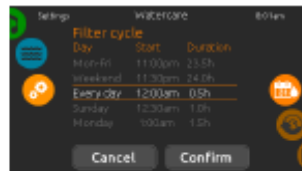
Touch the Filter cycle tab to change the filter cycle schedules. You can add filtration schedules by touching the orange line labelled "Add filter cycle".

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

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.

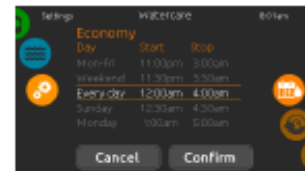
The filtration schedule shown on the screen will be applied to the main filtration pump, most likely pump 1. If your spa uses a circulation pump configured to run 24 hours, the screen will show you the purge setting instead of filtration.

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.

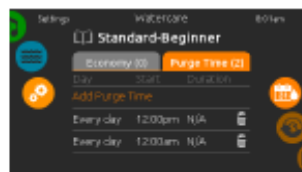


You can modify the programmed schedules by selecting one and adjusting the schedule.

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.



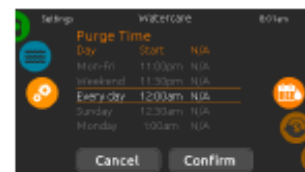
Once you have set the schedule, press "Confirm". If you don't want to keep any changes, press "Cancel" or use the calendar icon to go back.



purges

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

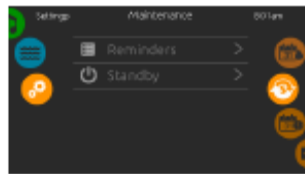
To delete a schedule, touch the garbage can icon at the right end of the desired line.



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.

maintenance



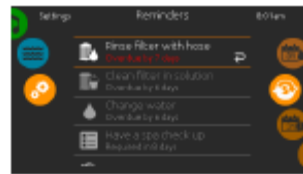
maintenance

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.

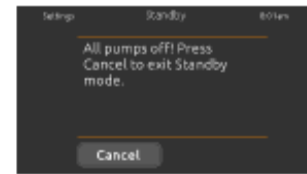


reminders

The Ink1000 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.

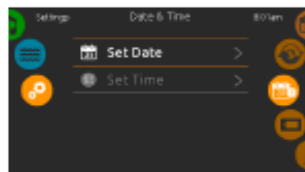


standby

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.

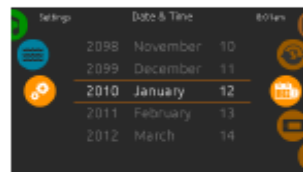
date and time



date and time

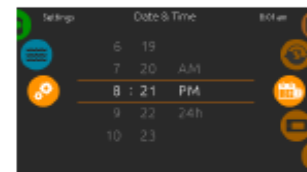
To modify date and time settings, slide the right wheel until the date and time icon is highlighted in the middle.

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



set date

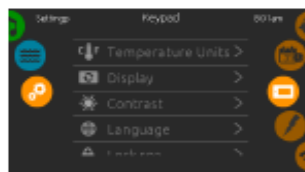
Here you can adjust the year, month and date. Simply swipe up and down the column you want to change, and select the desired value. When done, touch the calendar icon at the right of the screen.



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.

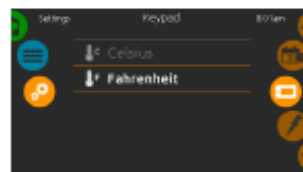
keypad settings



keypad settings

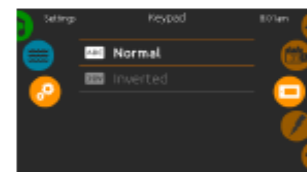
To modify keypad settings, slide the right wheel until the keypad icon is highlighted in the middle.

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



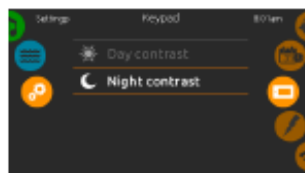
temperature units

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



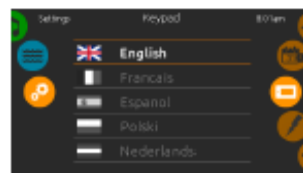
display orientation

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



display contrast

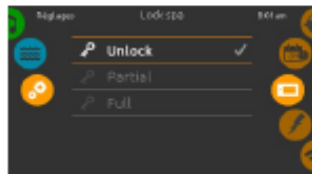
Use this page to set or change the display day or night contrast.



display language

Use this page to set or change the display language.

keypad settings

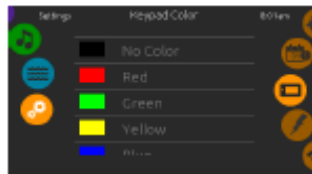


keypad lock/unlock (optional)

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.



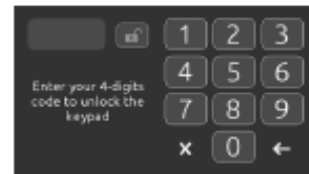
keypad color (optional)

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 inmix is installed, the keypad rim color can also be associated to an inmix zone.



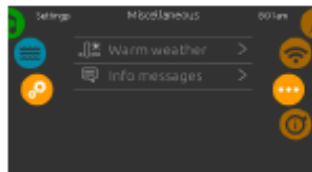
When the user wants to lock the keypad he is asked to select a 4-digit code. The same code will be needed to unlock the keypad.



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.

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 displayhide 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



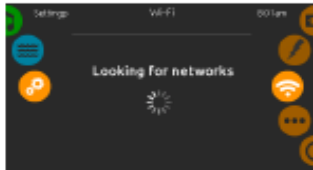
about

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.

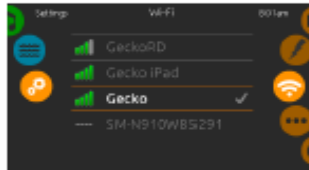
wifi

(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.

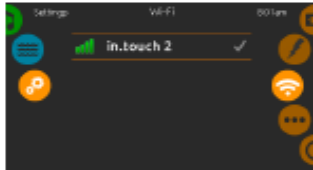
Swipe Up or Down the list to select your network.



wifi network password

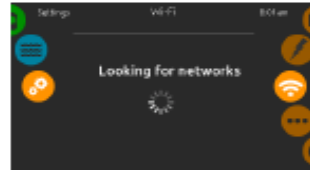
If the wifi network is password protected, enter it when keyboard prompts. Use Enter key to validate the password.

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.touch module not connected

If the inTouch 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.

audio mode

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



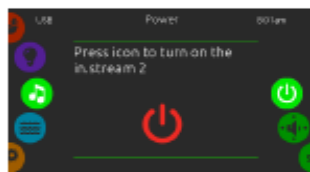
To select the audio mode, slide the left wheel up or down until the audio icon menu is highlighted in the middle.

In the Audio page you can access the following:

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

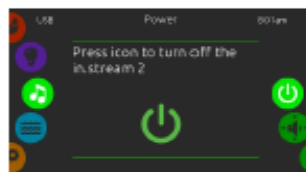
To select an item, slide the right wheel until the desired icon is highlighted in the middle.

on/off



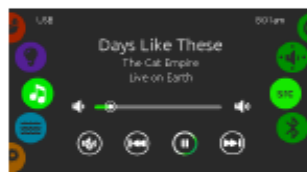
turn in-stream 2 ON (icon red)

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.



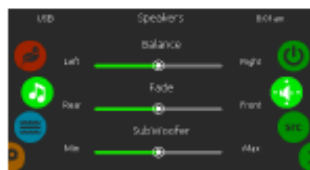
main display

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.

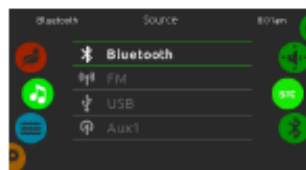
You can adjust:

- 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:

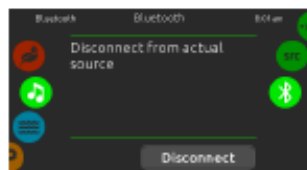
- Bluetooth
- FM
- USB
- Aux 1

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)



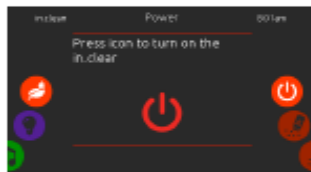
To select the sanitization mode, slide the left wheel up or down until the in.clear icon menu is highlighted in the middle.

In the sanitization page you can access the following:

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

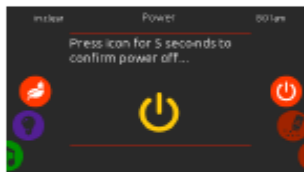
To select an item, slide the right wheel until the desired icon is highlighted in the middle.

on/off



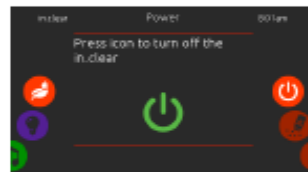
turn in.clear ON - Step 1 (icon red)

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 (5.1lb) of BromiCharge™ at a time and always allow 5 minutes for the gauge to react before adding more sodium bromide.

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.

IN. CLEAR

How the in.clear works

When sodium bromide (such as BromiCharge) is added to the water, it separates into sodium ions and bromide ions. As the water passes through the in.clear bromine generator, a low-voltage source supplies a current that electrolytically reduces the bromide ions into bromine. The bromine destroys bacteria and algae, and then releases bromide ions back into the water for continuous recycling until the spa is emptied. It is important to note that the amount of bromine needed will vary in direct proportion to the number of bathers in the spa (bather load).

Versions

There are two versions of the in.clear module: a stand alone version that uses the in.k200 keypad directly, and the linked version, which communicates with the spa pack for more control and precision.

Effects of bromine




- Bromine destroys waterborne bacteria.
- Bromine destroys algae in water (e.g. Black, Green, Mustard).
- Bromine swiftly eliminates the presence of organic matter left behind by spa users (e.g. oil, sweat, dead skin cells).
- Because bromine doesn't contain calcium, it can be used to sanitize hard water without increasing the calcium hardness.

Bromine in a spa





Bacteria require a certain period of time before forming into micro colonies and becoming attached to a surface. Rapid elimination of bacteria is a key element in the proper maintenance of the spa water. The in.clear achieves this while oxidizing odors, reducing eye and skin irritation. The in.clear enhances the clarity and quality of spa water. For bathers this translates into a more enjoyable warm water therapy experience.

Start up procedure

(Instruction video: www.inclear.ca)

1. Fill the spa with water.
2. Begin heating the water to your desired temperature.
3. Balance your water parameters (see info in your user guide regarding water chemistry for spa: total hardness, alkalinity, pH).
4. Start main pump and add BromiCharge™ slowly into the warm water, 0.54 kg for every 378 liters (1.2 lbs per every 100 gallons) of water.
5. Turn on the in.clear system by pressing and holding the on/off button  for 2 seconds, until your display lights up. Refer to your user manual for information on achieving the proper BromiCharge™ quantity.
6. Now you're ready to calibrate your in.clear settings. There are 2 settings, Maintenance and Boost.
7. **Maintenance:** Your Maintenance value was set at the factory. It should read "5" to start. Using your spa while you're establishing the residual will slow the process. Be patient. Check your bromine level each day with a test kit. Your goal is a residual bromine bank of 3 – 5 ppm. If the bromine content of your water is less than 3 ppm, press and hold the Maintenance key  for 2 seconds and increase the Maintenance setting by 1 or 2 increments with the up arrow . Repeat daily until your bromine level stabilizes at 3 – 5 ppm.

IMPORTANT FOR THE STAND ALONE VERSION: Make sure your spa is filtering the water at least 8 hours per day. The in.clear only creates bromine when the filter pump is running.

8. **Boost:** Every time you use the spa, press Boost . Boost runs a clean-up cycle that returns your residual bromine to the proper level. You should run Boost every time you use the spa. Press Boost key . Set the Boost level by using the up and down arrow   to select the number of bathers that use the spa (i.e., 2 users = 2, and so on). With the proper Maintenance level setting, and consistent use of the Boost mode, your spa will be ideally maintained.

BE CONNECT

The in.touch module has a built-in WiFi transceiver that allows you to communicate with your favorite devices. The following steps will show you how to connect with your spa.

Set up

Download application

in.touch world allows you to use the Internet anywhere in the world to control your spa.



in.touch home allows you to control your spa using your home WiFi network.



Both versions of the app are waiting for you at the App Store for iOS devices and the Google Play Store for Android devices – search for gecko in.touch then click on the version you want to install.

Set the point-to-point connection

For the first use, you must connect directly to the in.touch module using an iOS device or a computer with in.touch PC Setup or in.touch Mac Setup. After the connection has been established you can use your home WiFi network if you wish.

iOS device

1. Connect to the in.touch network in WiFi settings on your device
2. Start the in.touch application by tapping on it
3. Add your spa when prompted

Android users

1. Download in.touch PC Setup.exe or in.touch Mac Setup.zip onto your computer.
(file can be found at www.geckoalliance.com/intouch).
2. Take your computer as close as possible to your spa and connect to the in.touch WiFi network.
(No network other than WiFi should be active, to ensure functionality of the software.)
3. Install software (PC) or unzip file (Mac).
4. Follow the on screen instructions.
5. Choose the same network for your Android as you did for your in.touch.

Start the application

Find the icon for the in.touch application, then tap on it to open it. You must add your spa to the list in order to configure it and use it with the in.touch app. Choose your spa from the list of Visible Spas, and name it (eg. Home).

You are now able to use the in.touch app with your spa.

iOS users should continue to the next step for WiFi configuration.

Configuration (iOS users only)

1. Go to Settings in the in.touch app and select WiFi Connection.
2. Choose the network that you want your spa to connect to (i.e. your home WiFi). If the network has a passcode, enter it when prompted.

As long as all hardware (router etc) and passwords remain unchanged you will not have to repeat this process.

Home network

Go to the WiFi settings section on your iDevice and choose the same network (if your device does not connect automatically).

Internet (world edition only)

If your iDevice has direct access to the Internet (i.e. 3G or 4G connection), it will connect automatically.

If you would like to use WiFi and it does not connect automatically, go to the WiFi settings on your device to connect to your desired network.

A green icon with the word "Linked" beside it will appear at the top right hand corner of the My Spas page to confirm your connection.

To download the complete techbook, please go to www.geckoalliance.com/in.touch



Wi-Fi icon



GARANTIE

List of major components of the spa:

Serial number: BO- _____

Date of manufacture: _____

Electronic pack :

- ☐ Gecko In Ye 5
- ☐ Gecko In Ye 3

Control panel :

- ☐ Gecko K-450
- ☐ Gecko K-500
- ☐ Gecko K-800
- ☐ Gecko K-1000

Pumps :

- ☐ Pompe #1
- ☐ Pompe #2
- ☐ Pompe #3

Blower:

- ☐ CG Air

Optional accessories :

- ☐ Gecko Wifi In Touch
- ☐ Gecko In Clear
- ☐ Gecko In Stream 2

<ul style="list-style-type: none">✓ The warranty on the parts (pumps, electronic, plumbing) in 3 years.✓ The warranty on the seal of the shell in 15 years.✓ No warranty coverage due to frost.✓ The spa's warranty takes effect on the departure date of the spa (factory or retail store).	<p>Date :</p> <p>Signature :</p>
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Thank you to send us a copy of this signed page to validate your warranty:
sales.oceanos@gmail.com



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Tél : +1 450 937 4441 – email : sale.oceanos@gmail.com