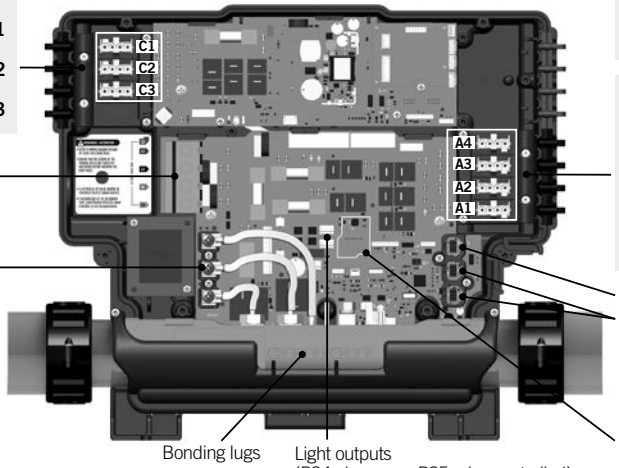
Quick Start Card
in.yt-V2FLX-BG2 European version

1- Connect all outputs & keypads

Optional AMP ports (A0 to A4, and C1 to C3) for pumps & accessories. Functions varie per configuration (see next page).

G C L H
C1
C2
C3

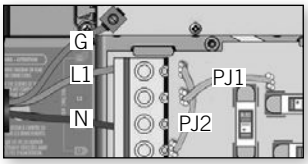


H L C G
A0
Optional floating connector (Part #9920-401346)

H L C G
A4
A3
A2
A1

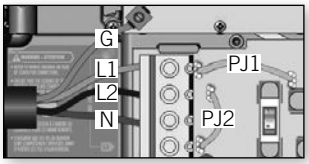
2- Connect the main power

Determine jumper positions for number of phases



1 phase connection

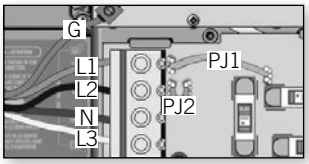
Phase jumpers	Position
PJ1	P7-P13
PJ2	P10-P74



2 phase connection

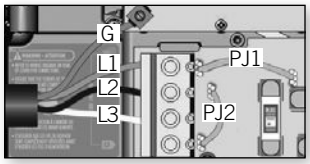
Phase jumpers	Position
PJ1	P7-P10
PJ2	P13-P74

input voltage: 230 V, 50 Hz (line-to-Neutral)



3 phase connection (default)

Phase jumpers	Position
PJ1	P7-P10
PJ2	P11-P13



3 phase Delta connection

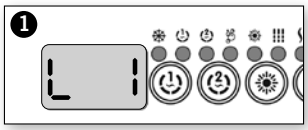
Phase jumpers	Position
PJ1	P7-P10
PJ2	P13-P74

input voltage: 230 V, 50 Hz (line-to-line)

Correct wiring of the electrical service box, RCD, and pack terminal block is essential. Power must be off during this step.

WARNING! All connections must be made by a qualified electrician in accordance with the national electrical code and any state, provincial or local electrical code in effect at the time of the installation. This product must always be connected to circuit protected by a residual-current device (RCD).

3- Select spa configuration (if prompt on startup)



At first startup the keypad display will show **Lx** or **LLx,** where « x » representing the config. number. Some spa packs come with a pre-selected config. and you may skip this step if your system automatically starts up[1].



Use the **Up/Down** key to choose the new low level configuration number.



Press the **Program**[2] key to confirm the selection.

For more information, see our website: www.geckoalliance.com

[1] **Note: To re-enter the low level selection menu, hold the Pump 1 key for 30 seconds.**

Note: For the **Color keypad series**, select **Settings menu**, go into **Electrical config** and choose the appropriate Low level.

[2] **Note: If the keypad does not have a Program or Filter key, use the Light key instead.**

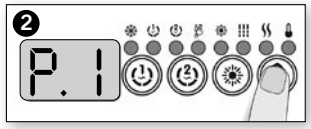
4- Select breaker current

Specify the current rating and the number of phases of the RCD used to ensure safe and efficient current mangement (and no RCD trippings).



Press and hold the **Program** key for 20 seconds until you access the breaker setting menu.

Note: For the **Color keypad series**, select **Settings menu**, go into **Electrical config** and choose Input current.



Current setting for each phase setting

# of phases	Current setting range
1	10 to 48 A
2	10 to 20 A
3	10 to 16 A

Choose the number of phases supplying your spa (1-3). Use the **Up/Down** key to select the desired value. Then press the **Program** key to confirm the selection.



The values displayed by the system correspond to the maximum amperage capacity of the RCD.



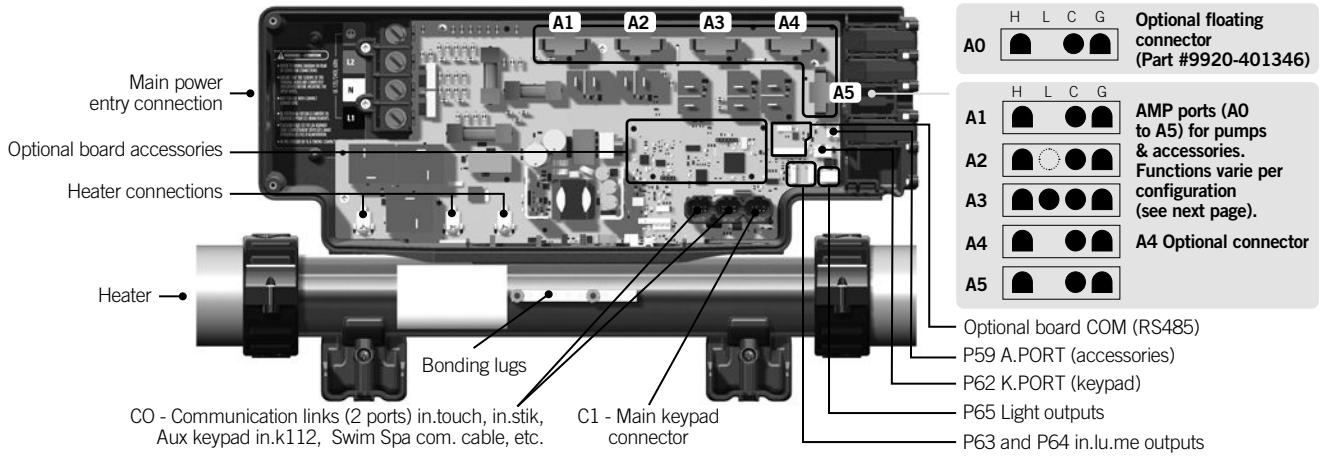
Use the **Up/Down** key to select the desired value. Then press the **Program** key to confirm the selection.

Note: If the keypad does not have the **Program** or **Filter** key, use the **Light** key instead.

For more information, see our website: www.geckoalliance.com

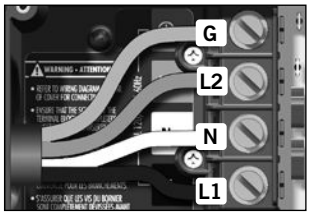
Quick Start Card
in.ye-3 & in.ye-5™ North American version

1- Connect all outputs & keypads



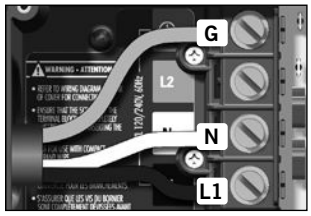
2- Connect the main power

2.a- Electrical wiring



For 240 V (4 wires)

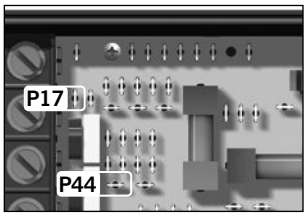
Connect wiring of the electrical service box GFCI. Neutral wire is mandatory.



For 120 V (*3 wires)

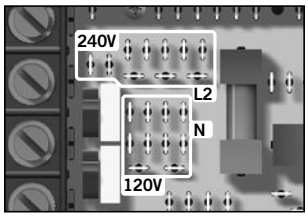
* If connected to a 3 wire system, any 240 V components will not work.

2.b- Heater & pump/accessories voltage



Heater voltage

Verify BROWN common wire connection to tab:
P17 - 240 V
P44 - 120 V

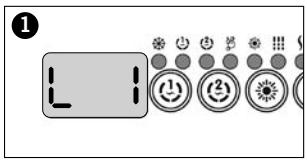


Pumps & accessories voltage

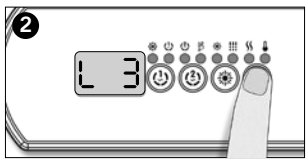
Verify each WHITE common wire connection to tab:
N - 120 V
L2 - 240 V pump/acc.

WARNING! All connections must be made by a qualified electrician in accordance with the national electrical code and any state, provincial or local electrical code in effect at the time of the installation. This product must always be connected to circuit protected by a Ground Fault Circuit Interrupter (GFCI).

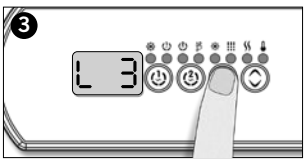
3- Select spa configuration (if prompt on startup)



At first startup the keypad display will show **Lx** or **LLx,** where « x » representing the config. number. Some spa packs come with a pre-selected config. and you may skip this step if your system automatically starts up[1].



Use the **Up/Down** key to choose the new low level configuration number.



Press the **Program**[2] key to confirm the selection.

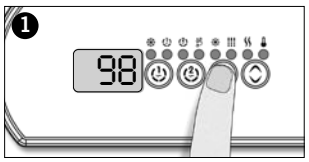
For more information, see our website: www.geckoalliance.com

[1] **Note: To re-enter the low level selection menu, hold the Pump 1 key for 30 seconds.**

Note: For the **Color keypad series**, select **Settings menu**, go into **Electrical config** and choose the appropriate Low level.

[2] **Note: If the keypad does not have a Program or Filter key, use the Light key instead.**

4- Select breaker current



Press and hold the **Program** key for 20 seconds until you access the breaker setting menu.

Note: For the **Color keypad series**, select **Settings menu**, go into **Electrical config** and choose Input current.



The values displayed by the system correspond to **80%** of the maximum amperage capacity of the GFCI.

For more information, see our website: www.geckoalliance.com

GFCI	b
60 A	48 A
50 A	40 A
40 A	32 A
30 A	24 A
20 A	16 A
15 A	12 A

(10 to 20 A dedicated to 120 V)



Use the **Up/Down** key to select the desired value. Then press the **Program** key to confirm the selection.

Note: If the keypad does not have the **Program** or **Filter** key, use the **Light** key instead.

Configuration selection chart

Software #739, rev. 005

Standard config. #	Pump 1	Pump 2	Pump 3	Light 120	Waterfall	Full ON	Direct 1	Direct 2	Circ. Pump (CP) configuration	Ozone (O3) configuration [1]	Filter cycle daily	Heater
	2SP	**2SP**	**2SP**	**Ext Light**			**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 1.5 hours**	**with CP**
1	(A1)	(A3)	(C1)	(C2)	(C3)	_	(A4)	(C4)	(A2)	(A2)	with CP	
	8A-4A	*8A-4A*	*8A-4A*	*2A*	*1A*		*1A*	*0A*	*2A*	*0A*		*12A (3.0kW)*
	2SP	**2SP**		**Ext Light**			**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 1.5 hours**	**with CP**
2	(A1)	(A3)	_	(C2)	(C3)	_	(A4)	(C4)	(A2)	(A2)	with CP	
	8A-4A	*8A-4A*		*2A*	*1A*		*1A*	*0A*	*2A*	*0A*		*12A (3.0kW)*
	2SP	**2SP**	**2SP**			**240V**	**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 1.5 hours**	**with CP**
3	(A1)	(A3)	(C1)	_	(C3)	(C2)	(A4)	(C4)	(A2)	(A1)	with CP	
	8A-4A	*8A-4A*	*8A-4A*		*1A*	*2A*	*1A*	*0A*	*2A*	*0A*		*12A (3.0kW)*
	2SP	**2SP**				**240V**	**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 1.5 hours**	**with CP**
4	(A1)	(A3)	_	_	(C3)	(C2)	(A4)	(C4)	(A2)	(A2)	with CP	
	8A-4A	*8A-4A*			*1A*	*2A*	*1A*	*0A*	*2A*	*0A*		*12A (3.0kW)*
	2SP	**2SP**	**2SP**			**240V**	**240V**	**240V**		**During filter cycle with P1**	**2 X 1.5 hours**	**with P1**
5	(A1)	(A3)	(C1)	_	(C3)	(C2)	(A4)	(C4)	_	(A2)	with P1	
	8A-4A	*8A-4A*	*8A-4A*		*1A*	*2A*	*1A*	*0A*		*0A*		*12A (3.0kW)*
	2SP	**2SP**				**240V**	**240V**	**240V**		**During filter cycle with CP**	**2 X 1.5 hours**	**with P1**
6	(A1)	(A3)	_	_	(C3)	(C2)	(A4)	(C4)	_	(A2)	with P1	
	8A-4A	*8A-4A*			*1A*	*2A*	*1A*	*0A*		*0A*		*12A (3.0kW)*
	2SP	**2SP**	**2SP**	**Ext Light**			**240V**	**240V**		**During filter cycle with P1**	**2 X 1.5 hours**	**with P1**
7	(A1)	(A3)	(C1)	(C2)	(C3)	_	(A4)	(C4)	_	(A2)	with P1	
	8A-4A	*8A-4A*	*8A-4A*	*2A*	*1A*		*1A*	*0A*		*0A*		*12A (3.0kW)*
	2SP	**2SP**		**Ext Light**			**240V**	**240V**		**During filter cycle with P1**	**2 X 1.5 hours**	**with P1**
8	(A1)	(A3)	_	(C2)	(C3)	_	(A4)	(C4)	_	(A2)	with P1	
	8A-4A	*8A-4A*		*2A*	*1A*		*1A*	*0A*		*0A*		*12A (3.0kW)*
	2SP					**240V**	**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 1.5 hours**	**with CP**
9	(A1)	_	_	_	(C3)	(C2)	(A4)	(C4)	(A2)	(A2)	with CP	
	8A-4A				*1A*	*2A*	*1A*	*0A*	*2A*	*0A*		*12A (3.0kW)*
	2SP					**240V**	**240V**	**240V**		**During filter cycle with P1**	**2 X 1.5 hours**	**with P1**
10	(A1)	_	_	_	(C3)	(C2)	(A4)	(C4)	_	(A2)	with P1	
	8A-4A				*1A*	*2A*	*1A*	*0A*		*0A*		*12A (3.0kW)*
	2SP			**Ext Light**	(C3)		**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 1.5 hours**	**with CP**
11	(A1)	_	_	(C2)	*1A*	_	(A4)	(C4)	(A2)	(A2)	with CP	
	8A-4A			*2A*			*1A*	*0A*	*2A*	*0A*		*12A (3.0kW)*
	2SP	**2SP**					**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 3 hours**	**with CP**
21 Swim	(A2)	(A3)	_	_	_	_	(A4)	(C3)	(A1)	(C2)	with CP	
	7A-3A	*6A-3A*					*3A*	*0A*	*1A*	*0A*		*12A (3.0kW)*
	2SP	**2SP**					**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 3 hours**	**with CP**
22 Swim	(A2)	(A3)	_	_	_	_	(A4)	(C3)	(A1)	(C2)	with CP	
	7A-3A	*6A-3A*					*3A*	*0A*	*1A*	*0A*		*12A (3.0kW)*
	2SP	**2SP**	**2SP**				**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 3 hours**	**with CP**
23 Swim	(A2)	(A3)	(C1)	_	_	_	(A4)	(C3)	(A1)	(C2)	with CP	
	7A-3A	*6A-3A*	*7A-3A*				*2A*	*0A*	*1A*	*0A*		*12A (3.0kW)*
	2SP	**2SP**	**2SP**				**240V**	**240V**	**During filter cycle**	**During filter cycle with CP**	**2 X 3 hours**	**with CP**
24 Swim	(A1)	(A3)	(C1)	_	_	_	(A4)	(C3)	(A1)	(C2)	with CP	
	8A-4A	*6A-3A*	*7A-3A*				*2A*	*0A*	*1A*	*0A*		*12A (3.0kW)*

[1] When the Ozonator is not controlled by a relay, it can be tied to Pump 1 Low speed or Circ. Pump. using cable 9920-401369.

Glossary

(P1L)	Pump 1 Low speed
(CP)	Circulation Pump
X	Installed
1SP	High speed only
2SP	High and Low speed
(OUT, AMP, Relay, Tab)	Output connector
13A-4A	Current High - Low speed

For complete TechBook or more information, see our website: www.geckoalliance.com

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