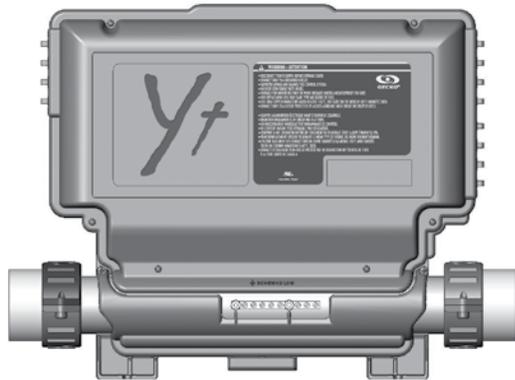




Quick Start Card



in.yt-7™

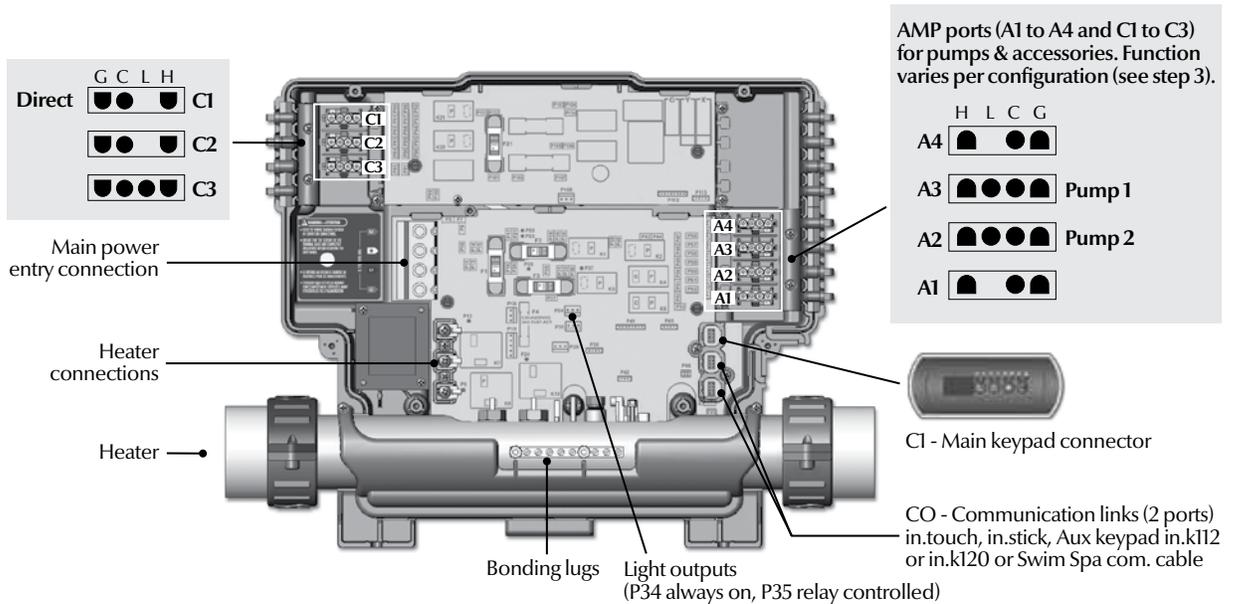
whatever the spa, this is your control system

North American version

This Quick Start Card is intended for users of the North American version of the in.yt.

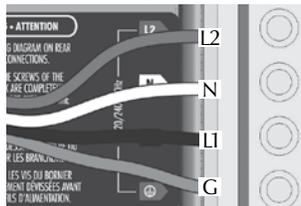
1- Connect all outputs & keypads

Configurations may change. Refer to low level table and wiring diagram for connection locations.



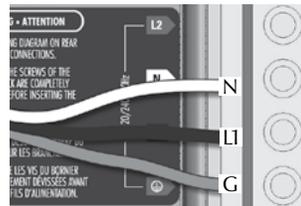
2- Connect the main power

2.a- Electrical wiring



For 240 V (4 wires)

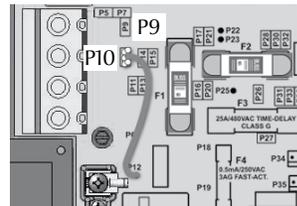
Connect wiring of the electrical service box GFCI. Neutral wire is mandatory.



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

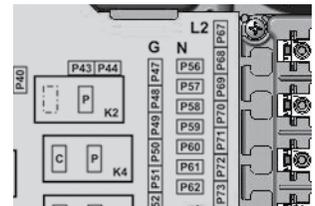


Heater voltage

Verify BROWN common wire connection to tab:

P9 - 240 V (default)

P10 - 120 V



Pumps & accessories voltage

Verify each WHITE common wire connection to tab:

N - 120 V (default)

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

Information between () indicates which AMP connector to use. See **Step 1** for connector position.

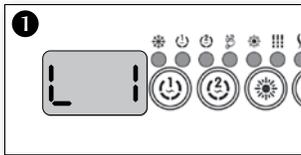
Software #249, rev. 001

Config. #	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Blower	Circ. Pump (CP)	Ozone ¹	120 V Light	Filter Cycle (Daily)	Heater Pump
1	1sp (A3)	1sp (A2)	1sp (C3)				(C2)	(A1)		2 x 6 hours with CP	CP
2	1sp (A3)	1sp (A2)	1sp (C3)			(A4)	(C2)	(A1)		2 x 6 hours with CP	CP
3	1sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)			(C2)	(A1)		2 x 6 hours with CP	CP
4	1sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)		(A1)	(C2)	(K2-P tab) ²		2 x 6 hours with CP	CP
5	1sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)		(C2)	(K2-P tab) ²		2 x 6 hours with CP	CP
6	1sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)	(K2-P tab) ²	(C2)			2 x 6 hours with CP	CP
7	2sp (A3)	1sp (A2)	1sp (C3)					(A1)		2 x 2 hours with PIL	Pump 1
8	2sp (A3)	1sp (A2)	1sp (C3)			(A4)		(A1)		2 x 2 hours with PIL	Pump 1
9	2sp (A3)	1sp (A2)	1sp (C3)				(C2)	(A1)		2 x 6 hours with CP	CP
10	2sp (A3)	1sp (A2)	1sp (C3)			(A4)	(C2)	(A1)		2 x 6 hours with CP	CP
11	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)				(A1)		2 x 2 hours with PIL	Pump 1
12	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)		(C2)		(A1)		2 x 2 hours with PIL	Pump 1
13	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)			(C2)	(A1)		2 x 6 hours with CP	CP
14	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)		(A1)	(C2)			2 x 6 hours with CP	CP
15	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)			(C2)		2 x 2 hours with PIL	Pump 1
16	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)	(C2)				2 x 2 hours with PIL	Pump 1
17	2sp (A3)	1sp (A2)	1sp (C3)	1sp (A4)	1sp (A1)		(C2)			2 x 6 hours with CP	CP
18	2sp (A3)	2sp (A2)	1sp (C3)					(A1)		2 x 2 hours with PIL	Pump 1
19	2sp (A3)	2sp (A2)	1sp (C3)			(C2)		(A1)		2 x 2 hours with PIL	Pump 1
20	2sp (A3)	2sp (A2)	1sp (C3)				(C2)	(A1)		2 x 6 hours with CP	CP
21	2sp (A3)	2sp (A2)	1sp (C3)			(A1)	(C2)			2 x 6 hours with CP	CP
22	2sp (A3)	2sp (A2)	2sp (C3)					(A1)		2 x 2 hours with PIL	Pump 1
23	2sp (A3)	2sp (A2)	2sp (C3)			(A1)				2 x 2 hours with PIL	Pump 1
24	2sp (A3)	2sp (A2)	2sp (C3)				(A1)			2 x 6 hours with CP	CP
25	2sp (A3)	1sp (A2)						(A1)	(A4)	2 x 2 hours with PIL	Pump 1
26	2sp (A3)	1sp (A2)				(C3)		(A1)	(A4)	2 x 2 hours with PIL	Pump 1
27	2sp (A3)	1sp (A2)					(C2)	(A1)	(A4)	2 x 6 hours with CP	CP
28	2sp (A3)	1sp (A2)				(C3)	(C2)	(A1)	(A4)	2 x 6 hours with CP	CP
29	2sp (A3)	2sp (A2)						(A1)	(C2)	2 x 2 hours with PIL	Pump 1
30	2sp (A3)	2sp (A2)				(C3)		(A1)	(C2)	2 x 2 hours with PIL	Pump 1

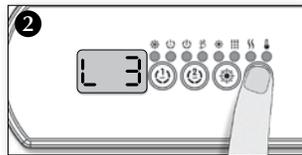
Note 1: When the Ozonator is not controlled by a relay, it can be tied to Pump 1 Low speed or Circ. Pump using AMP cable 9920-401369.

Note 2: This accessory does not have its own AMP connector. Wire an extra AMP connector 9920-401346 (not supplied) as follow: Black wire to P43 tab on the board, Green to any G tabs and white to any N tabs for 120 V accessory or any L2 tabs for 240 V.

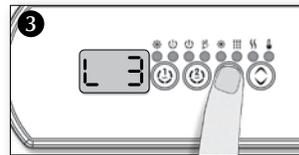
4- Enter selection



At first startup the keypad display will show L1 or LL1.



Use the Up/Down key to choose the new low level configuration number (consult the chart above).



Press the Program key to confirm the selection.

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

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

5- Select breaker



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



Use the Up/Down key to select the breaker value. The value can be modified from 10 to 48 A.

Default breaker value is 48 A. Power management will make sure never to exceed this rating.

Breaker setting for GFCI used.

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

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



Press the Program key to set breaker rating.

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

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