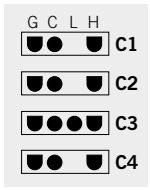
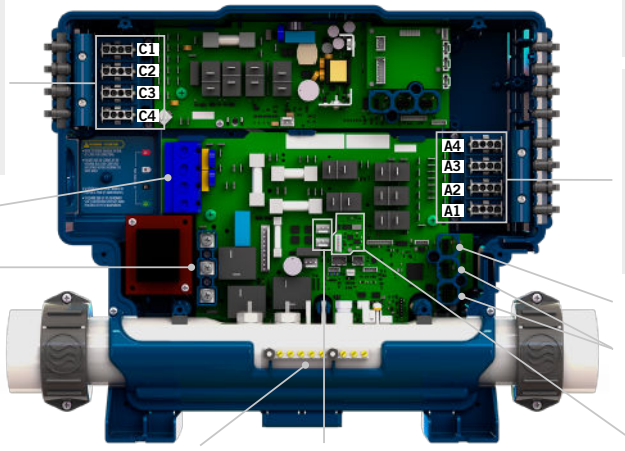
# Quick Start Card

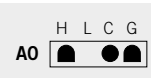
## in.yt-V2FLX-BG1 & BG2 North American version

## 1- Connect all outputs & keypads

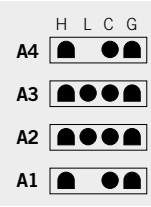
**Optional**
**AMP ports (A0 to A4, and C1 to C4) for pumps & accessories. Functions varie per configuration (see next page).**




**Optional floating connector (Part #9920-401346)**



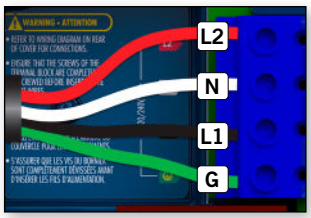

C1 - Main keypad connector

CO - Communication links (2 ports) in.touch, in.stik, Aux keypad in.k112, Swim Spa com. cable, etc.

Optional board COM (RS485)

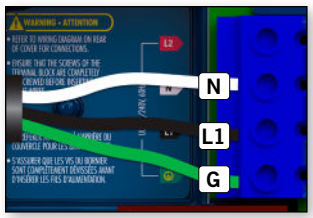
## 2- Connect the main power

### 2.a- Electrical wiring




**For 240 V (4 wires)**

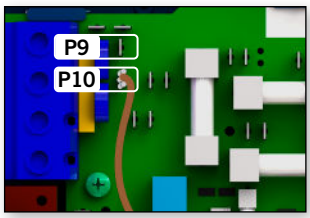
Connect wiring of the electrical service box GFCI. Neutral wire is mandatory.




**For 120 V (*3 wires)**

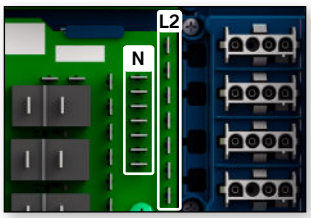
* If connected to a 3 wire system, any 240 V components will not work.

### 2.b- Heater & pump/accessories voltage




**Heater voltage**

Verify BROWN common wire connection to tab:
P9 - 240 V
P10 - 120 V

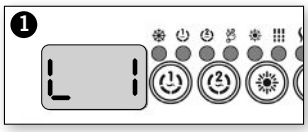



**Pumps & accessories voltage**

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 #735, rev. 002

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **2SP** (A2) *12A-4A* | **2SP** (A3) *12A-4A* | **2SP** (C1) *12A-4A* | **Ext Light** (C2) *2A* | (C3) *1A* | _ | **240V** (A4) *3A* | **240V** (C4) *0A* | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A1) *0A* | **2 X 1.5 hours** with CP | **with CP** *17A (4.0kW)* |
| 2 | **2SP** (A2) *12A-4A* | **2SP** (A3) *12A-4A* | _ | **Ext Light** (C2) *2A* | (C3) *1A* | _ | **240V** (A4) *3A* | **240V** (C4) *0A* | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A1) *0A* | **2 X 1.5 hours** with CP | **with CP** *17A (4.0kW)* |
| 3 | **2SP** (A2) *12A-4A* | **2SP** (A3) *12A-4A* | **2SP** (C1) *12A-4A* | _ | (C3) *1A* | **240V** (C2) *2A* | **240V** (A4) *0A* | **240V** (C4) *0A* | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A1) *0A* | **2 X 1.5 hours** with CP | **with CP** *17A (4.0kW)* |
| 4 | **2SP** (A2) *12A-4A* | **2SP** (A3) *12A-4A* | _ | _ | (C3) *1A* | **240V** (C2) *2A* | **240V** (A4) *3A* | **240V** (C4) *0A* | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A1) *0A* | **2 X 1.5 hours** with CP | **with CP** *17A (4.0kW)* |
| 5 | **2SP** (A2) *12A-4A* | **2SP** (A3) *12A-4A* | **2SP** (C1) *12A-4A* | _ | (C3) *1A* | **240V** (C2) *2A* | **240V** (A4) *3A* | **240V** (C4) *0A* | _ | **During filter cycle with P1** (A1) *0A* | **2 X 1.5 hours** with P1 | **with P1** *17A (4.0kW)* |
| 6 | **2SP** (A2) *12A-4A* | **2SP** (A3) *12A-4A* | _ | _ | (C3) *1A* | **240V** (C2) *2A* | **240V** (A4) *3A* | **240V** (C4) *0A* | _ | **During filter cycle with CP** (A1) *0A* | **2 X 1.5 hours** with P1 | **with P1** *17A (4.0kW)* |
| 7 | **2SP** (A2) *12A-4A* | **2SP** (A3) *12A-4A* | **2SP** (C1) *12A-4A* | **Ext Light** (C2) *2A* | (C3) *1A* | _ | **240V** (A4) *3A* | **240V** (C4) *0A* | _ | **During filter cycle with P1** (A1) *0A* | **2 X 1.5 hours** with P1 | **with P1** *17A (4.0kW)* |
| 8 | **2SP** (A2) *12A-4A* | **2SP** (A3) *12A-4A* | _ | **Ext Light** (C2) *2A* | (C3) *1A* | _ | **240V** (A4) *3A* | **240V** (C4) *0A* | _ | **During filter cycle with P1** (A1) *0A* | **2 X 1.5 hours** with P1 | **with P1** *17A (4.0kW)* |
| 9 | **2SP** (A2) *12A-4A* | _ | _ | **Ext Light** (C2) *2A* | (C3) *1A* | _ | **240V** (A4) *3A* | **240V** (C4) *0A* | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A1) *0A* | **2 X 1.5 hours** with CP | **with CP** *17A (4.0kW)* |
| 10 | **2SP** (A2) *12A-4A* | _ | _ | **Ext Light** (C2) *2A* | (C3) *1A* | _ | **240V** (A4) *3A* | **240V** (C4) *0A* | _ | **During filter cycle with P1** (A1) *0A* | **2 X 1.5 hours** with P1 | **with P1** *17A (4.0kW)* |

[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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