Control Programming LLC

Release Notes

CPLLC Jandy iAqualink

Version 5.00 · November 21, 2026

Product	CPLLC Jandy iAqualink (Crestron Home extension)
Version	5.00
Release date	November 21, 2026
Where to find it	Drivers › Pool Controller › Jandy › iAqualink
Requires	Crestron Home OS 4.12 or later, a Jandy AquaLink RS or PDA with an iAqualink 2.0 or 3.0 adapter, the homeowner's iAqualink app account, and internet access on the processor
Licensing	A Jandy iAqualink license key (cpllc.net/product/jandy-iaqualink) or a CPLLC site license key (cpllc.net/product/site-license), entered in the extension's Enter License Key, or a site license key once in the CPLLC License Manager

> **Buyer Beware: Unofficial API**
> Zodiac does not publish an API for this product. This extension uses the unpublished protocol Zodiac's own app uses, which Zodiac can change or turn off at a moment's notice, without warning. If that happens the extension may stop working until it can be updated, and it may not be possible to update it.

Overview

The CPLLC Jandy iAqualink extension brings a Jandy AquaLink pool system with an iAqualink adapter into Crestron Home as a tile with a page of its own, through Zodiac's iAqualink cloud, signing in with the homeowner's iAqualink email and password. The page has a switch for the pool and spa filter pumps, the solar heater and every aux circuit, each heater's setpoint and heat mode, a color light's show and a dimmer's level, and the water and air temperatures, salt level, pH and ORP below them. Every control has its sequence actions and events. The cloud sends nothing for the extension to follow, so it reads the system every 30 seconds and right after every command.

Capabilities

Capability	What it does
Tile and page	A tile showing the pool's water temperature and setpoint ("82°F, set 84°F Heating"), and a page with a control for every setting the system has. The controls appear once the system has been read and are there from then on, also while it can't be reached.
Pool and spa	The pool's and, when the system has one, the spa's filter pump on and off, and each heater's setpoint, water temperature, whether it is heating, and its heat mode (Off or Heat).
Solar heater	The solar heater on and off, when the system has one.
Aux circuits	Each aux circuit on and off, under the name the iAqualink app gives it.
Color lights	A color light's show, from the list for its kind (Jandy Colors, Jandy LED WaterColors, Pentair SAm/SAL and IntelliBrite, Hayward ColorLogic and Universal).
Dimmable lights	A dimmable light's level, in steps of 25%.
Readings	The air temperature, and the salt level, pH and ORP when the system reports them.
Sequences and events	An action and an event for every control, and Pool Offline / Pool Online.
Live debug	Debug output turns on and off while the processor runs.

What's New in 5.00

- First release: a Jandy iAqualink system on its own tile and page, on Crestron Home 4.12 and later.
- The pool and spa with their filter pumps and heaters, the solar heater and every aux circuit, with color light shows and dimmer levels, each only when the system has it.
- An action and an event for every control, and Pool Offline / Pool Online.
- Debug output can be turned on and off while the processor runs, without a restart.

Installing

Check that the system works in the iAqualink app first. Load the package on the processor, then add it from Drivers › Pool Controller › Jandy › iAqualink. Enter the email address and password of the homeowner's iAqualink account, and the system's name or serial number when the account has more than one. Name it, put it in a room and enter its license key (or leave it blank on a site with a CPLLC site license). The page's controls appear once the system has been read; make the sequences that use them after that.

Installer Options

Option	Description
iAqualink Email	The email address used to sign in to the iAqualink app.
iAqualink Password	The password of that iAqualink account.
System	The system's name or serial number in the iAqualink app, when the account has more than one. Blank uses the first.
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Jandy iAqualink license key. Leave blank when the site has a CPLLC site license.
Show on Home Screen	Shows the tile on the Home screen (default off).
Show in Room Screen	Shows the tile in its room (default on).
Only Display Tile	Shows the tile alone, with no page of controls (default off).
Starting Pin Code	A numeric PIN that must be entered before the page opens. Blank means no PIN (the default).
Seconds Pin Active	How long the page stays unlocked after the last touch (default 10 seconds).

Sequences

The system's actions and events are under its name in Customize Actions & Events. Each control has its own, named after the equipment as the iAqualink app names it, so which ones a system has depends on its equipment (the names below are examples). An event is raised when its condition changes, not for the state the system is in when the extension starts.

The actions:

Action	Description
Pool Filter On / Pool Filter Off	Turns a filter pump on or off; the same for the solar heater and each aux circuit (Waterfall On, Pool Light Off …).
Set Pool Heater Setpoint °F	A body's heat setpoint (°C on a system set to Celsius).
Set Pool Heater Heat Mode	Off or Heat.
Set Pool Light Effect	A color light's show.
Set Spa Light Level %	A dimmable light's level.
Extension Enable / Extension Disable	Enables or disables the device. A disabled device shows Disabled, ignores its controls and raises no events.

The events:

Event	Description
Pool Filter On / Pool Filter Off	A filter pump, the solar heater or an aux circuit turned on or off.
Pool Heater Heat Mode is <mode>	A body's heat mode changed.
Pool Light Effect is <show>	A light's show changed.
Pool Offline / Pool Online	The system stopped answering or reports itself off line; it answers again.
Extension Enabled / Extension Disabled	The device was enabled or disabled.
Pin Locked / Pin UnLocked	The PIN keypad locked again, or the right PIN was entered (with a Starting Pin Code set).

End-User Experience

The tile shows the pool's water temperature and setpoint, with Heating while it heats, or Offline while the system doesn't answer. A touch opens the page: the heat-mode and light-show drop-downs, a switch for each filter pump, the solar heater and each aux circuit, the setpoint and dimmer sliders, and below them each body's temperature, the air temperature, the salt level, pH and ORP.

When the system reports itself off line in the iAqualink cloud, the controls are greyed out and the tile shows Offline at the next read; when the cloud can't be reached, after about a minute and a half (three missed reads). It comes back by itself.

Without a valid license key or a CPLLC site license, the pool system runs for a two-hour grace period after the extension starts; then it goes offline. Entering a valid key, or adding a site license, brings it back without a restart.

Known Limitations

- Crestron Home 4.14 will draw pool controllers itself. Until that can be tested, the pool system has CPLLC's own tile and page; a later version will move it to Crestron Home's own pool controls.
- Not yet tested with a real iAqualink system: this release was tested against a simulated iAqualink cloud.
- Zodiac publishes no iAqualink API. The extension uses the cloud calls Zodiac's own iAqualink app makes (checked against the app itself); a change Zodiac makes to its cloud can stop the extension until it is updated.
- On a pool-only system (two pool setpoints, Temp 1 and Temp 2) the page sets Temp 2 and keeps Temp 1 above it, as the app requires; there is no spa.
- Everything goes through Zodiac's cloud: with the home's internet down, or the cloud down, the system shows Offline.
- The cloud sends nothing for the extension to follow, so changes made at the panel, in the iAqualink app or by a schedule show within 30 seconds.
- The cloud doesn't report a color light's show: the page shows the last show set from Crestron Home.

- Equipment added to the system later, or an account entered after the extension was installed, appears after the extension is reloaded.
- Not included: EXO and other non-AquaLink systems, the pool / spa mode switch, freeze protection and schedules.

Test Environment

Crestron Home 4.013.0171 on a DIN-AP4-R, set up through its setup API, against a simulated iAqualink cloud (CPLLC's own, answering the sign-in, system list and session calls: a pool and a spa, each with its filter pump and heater, a solar heater, a Jandy LED WaterColors light, a dimmable light, a waterfall and landscape lights, and salt, pH and ORP). Every control appeared on the first installation; every action reached the cloud (filters, solar, aux circuits, setpoint, heat mode, light show, dimmer level), an event started a sequence, the page followed the system, the tile went Offline when the system reported itself off line and when the cloud stopped answering, and back Online when they returned (signing in again by itself), and after a reload every control was still there. The extension's calls were then checked against Zodiac's own iAqualink app for Android and made to match it (lights on and off by their switch, dimmer levels, the sign-in and the setpoints), and the lab test was run again with the simulated cloud answering only the way the app calls it. Not yet run against a real iAqualink system.

Version History

Date	Version	Changes
2026-11-20	5.00	Initial release on its own tile and page

Support

> **CPLLC Site License**
> A CPLLC site license is one key per processor, entered in the License Manager, that licenses every CPLLC extension and platform on that processor, current and future, so no product needs a key of its own. See the Site License page. Customers who already own CPLLC license keys can upgrade to a site license on the CPLLC website for the difference.

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