

Omni[®] Smart Pool & Spa Control

Configuration Guide



EXPERT LINE[®]



ONLY FROM POOL PROS



3+ YEAR PARTS & LABOR WARRANTIES*

*When sold by a Totally Hayward[®] Partner. Exclusions, other terms and conditions may apply—visit hayward.com for details.



OMNILOGIC® PREMIUM NEW CONSTRUCTION
New, premium pools and spas. OmniLogic brings the most advanced automation for fully featured backyard control.



OMNIPL® FLEXIBLE NEW CONSTRUCTION*
Unmatched value in automation for new and existing mid-range pools.



OMNIHUB® AFTERMARKET CONTROLLERS
Easy way to add aftermarket control, OmniHub delivers automation to new and existing entry-level pools.

CONFIGURATION GUIDE

1. Start with OmniLogic, OmniPL or OmniHub Panel

Control variable-speed pumps without additional relays. OmniLogic controls 16, OmniPL controls 8 and OmniHub controls 3.

MODEL NUMBER	DESCRIPTION	OMNILOGIC	OMNIPL	OMNIHUB
HLBASE	OmniLogic 4-Relay Base	✓	No	No
HLPRO4W	OmniPL 4 Relay with App	No	✓	No
HLPRO4SW	OmniPL 4 Relay Salt Ready with App	No	✓	No
HLPLUS4W	OmniPL 4 Relay Salt Cell with App	No	✓	No
HLPRO4NW	OmniPL 4 Relay, No Subpanel, with App	No	✓	No
HLPRO4NSW	OmniPL 4 Relay, No Subpanel, Salt Ready, with App	No	✓	No
HLOMNIHUB	OmniHub wiring base unit, control pad, and smart relay	No	No	✓

2. Optional System Expansion

OmniLogic expansion panel adds an additional system panel with the same capabilities as the base unit (HLEXPAND). I/O expansion panel plugs directly into base unit and provides 4 additional valve actuating relays, 4 additional low voltage relays, and 4 additional temperature sensors (HLIOEXPAND).

MODEL NUMBER	DESCRIPTION	OMNILOGIC	OMNIPL	OMNIHUB
HLEXPAND	OmniLogic Expansion Panel	✓	No	No
HLIOEXPAND	IO Expansion Board (Valves)	✓	No	No

3. Optional Additional Controls

Ability to add an OmniLogic 4-Relay Module (HLRELAYBANK) and up-to two OmniLogic 1-Relay Modules (HLRELAY) for a total of 6 additional relays for further control.

MODEL NUMBER	DESCRIPTION	OMNILOGIC	OMNIPL	OMNIHUB
HLRELAYBANK	OmniLogic 4-Relay Module	✓	No	No
HLRELAY	OmniLogic 1-Relay Module	2	2	No
HLH485RELAY	Omni RS485 Smart Relay	2	2	3
HLPMPCONV	VSP Converter Board	✓	✓	✓
GVA-24	Actuator, 24 Volt	4 (up to 16*)	4	2

*With expanded capabilities from HLIOEXPAND/HLEXPAND

4. Optional Remote Controls

Remotes include a wired or wireless with touch screens display. Website and app are available for use on a smartphone or tablet.

MODEL NUMBER	DESCRIPTION	OMNILOGIC	OMNIPL	OMNIHUB
HLWIRELESS	OmniLogic Wireless Waterproof Remote	✓	✓	✓
HLWALLMOUNT	OmniLogic Wall-Mount Remote	✓	✓	No
HLSPASIDE	OmniLogic Wired Spa Side Remote	✓	✓	✓

5. Optional Sanitization

Add Hayward Salt Plumbing Kit (P-KIT) and choose a TurboCell® based on the pool size. Sense & Dispense® also optional for fully integrated chemistry automation.

MODEL NUMBER	DESCRIPTION	OMNILOGIC	OMNIPL	OMNIHUB
TCELLS340	TurboCell® S3 Salt Cell for 40,000 gallons	✓	S Models	No
P-KIT	Hayward Salt Plumbing Kit	✓	✓	No
HL-CHEM	Sense & Dispense®	✓	✓	✓
HLAQRPCB	AquaRite® Daughter Board	✓	✓	✓

*HLXPROUPG OmniPL Retrofit Kit: Simple upgrade for select existing Hayward automation systems. Keep the existing panel/wiring. Add a new external display, dead front and circuit board. Works with ProLogic®, AquaPlus®, E-Command® and AquaLogic® systems (4-8 relays). Note: Use with E-Command requires an additional transformer.

» hayward.com » 1-888-HAYWARD

Pumps » Filters » Heaters » Sanitization » Automation » Lighting » Water Features » Cleaners » White Goods

Hayward, Hayward & Design, the H logo, AquaLogic, AquaPlus, AquaRite, E-Command, Expert Line, Omni, OmniPL, OmniLogic, ProLogic, Sense and Dispense, Totally Hayward, TurboCell, Hayward We Build Better. and We Build Better. are registered trademarks of Hayward Industries, Inc. © 2024 Hayward Industries, Inc.

L1TOMNIGD24

HAYWARD®
We Build Better.™