



PENTAIR
POOL

AUTOMATION



AUTOMATION DONE RIGHT.

IntelliCenter® Pool Control System is the most versatile Pentair automation system, delivering better-than-ever technology you can count on. Easily expandable, this system is now powered by AWS® technology to help improve connectivity. This automation system is here to make your job easier than ever.



INTUITIVE TOUCHSCREEN FOR EASIER INSTALLATION AND SETUP

Spend less time in the backyard thanks to quicker, easier, step-by-step instructions and Over-the-Air (OTA) updates.



MORE CONSISTENT CONNECTIONS

Say goodbye to late-night service calls with a system powered by AWS technology for increased reliability and stability.



PROACTIVE REMOTE MONITORING

Offer upgraded service with a birds-eye view of all your customers' systems and sort your dashboard to better service your customers.



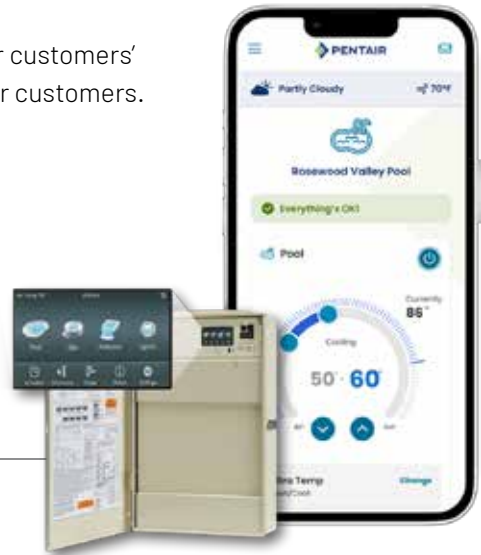
IMPROVED APP CONTROLS

The IntelliCenter 2 app gives pool owners ultimate pool control from anywhere, anytime.



DEDICATED SUPPORT

Access our expert automation specialists when you need assistance.



IntelliCenter Lite System

All the ease of IntelliCenter on a smaller scale.

- Offers up to five relays, i5P or i5PS bundle options
- Can work with existing breaker panel
- Expandable to support additional relays and functionality when new products are added
- Keeps optional devices connected and schedules intact with optimal connection
- Suitable for new pool installations or existing pools



IntelliCenter Upgrade Kit for EasyTouch®/IntelliTouch®

Bringing the latest automation technology to current systems.

- Smart upgrade for older pool automation systems
- Brings EasyTouch or IntelliTouch Control System up to date with modern features of the IntelliCenter Control System
- Expandable to accommodate new equipment add-ons and product upgrades

INTELLICENTER®

CONTROL SYSTEM FOR POOLS AND SPAS

Featured Highlights

- Easy to program, with the Setup Wizard for step-by-step, on screen instructions
- Color touchscreen interface displays intuitive instructions in clear text and rich colors
- Convenient control from inside and outside the home via outdoor and indoor control panels and remotes
- Remote control and monitoring from anywhere, anytime with the Pentair Home app and Pentair Pro app

TRADEGRADE



The IntelliCenter Pool Control System is the most versatile Pentair automation system, delivering better-than-ever technology you can count on. Easily expandable, this system is now powered by AWS® cloud technology for improved stability, connectivity, scheduling and reliable, centralized control for multiple pool devices, from water features to lights to pumps. This system makes pool life as easy as it should be.

CALIFORNIA PROPOSITION 65 WARNING
 ⚠️ **WARNING:** Cancer and Reproductive Harm.
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Ordering Information

Product	Country	Description	Includes IntelliChlor® Cell	Includes SCG Transformer	Includes Two (2) IntelliValves
BUNDLED SYSTEMS (COMMON LOAD AND PERSONALITY KIT)					
523448	USA	IntelliCenter System (Load Center with i5P Personality Kit)	No	No	No
521903	USA	IntelliCenter System (Load Center with i8PS Personality Kit)	Yes, IC40	Yes	Yes
521904	USA	IntelliCenter System (Load Center with i8PS Personality Kit)	No	No	Yes
521905	USA	IntelliCenter System (Load Center with i5P Personality Kit)	Yes, IC40	Yes	No
521906	USA	IntelliCenter System (Load Center with i5PS Personality Kit)	Yes, IC40	Yes	Yes
521907	USA	IntelliCenter System (Load Center with i5PS Personality Kit)	No	No	Yes
521908	USA	IntelliCenter System (Load Center with i10PS Personality Kit)	Yes, IC40	Yes	Yes
523125	Canada	IntelliCenter System (Load Center with 5P-C/Personality Kit)	No	Yes	No
523126	Canada	IntelliCenter System with 5PS-C	No	Yes	Yes
523127	Canada	IntelliCenter System with 8PS-C	No	Yes	Yes

Note: Each system includes an outdoor wireless antenna. Pool/spa systems above include two IntelliValve® Valve Actuators.

INTELLICENTER UPGRADE KITS FOR EASYTOUCH AND INTELLITOUCH CONTROL SYSTEMS		
522045	IntelliTouch/EasyTouch to Next Gen Upgrade Kit - i10P, for LC/PC	Systems manufactured prior to 2012 (2003 to 2012)
522046	IntelliTouch/EasyTouch to Next Gen Upgrade Kit - i10PS, for LC/PC	Systems manufactured prior to 2012 (2003 to 2012)
523218	IntelliTouch to Next Gen Upgrade Kit - i10D, for LC/PC (was 523048)	Systems manufactured prior to 2012 (2003 to 2012)
523530	IntelliTouch/EasyTouch to Next Gen Expansion Upgrade Kit LC/PC	Systems manufactured prior to 2012 (2003 to 2012)
522047	IntelliTouch/EasyTouch to Next Gen Upgrade Kit - i10P, for CLC/CPC	Systems manufactured after 2012
522048	IntelliTouch/EasyTouch to Next Gen Upgrade Kit - i10PS for CLC/CPC	Systems manufactured after 2012
523049	IntelliTouch to Next Gen Upgrade Kit - i10D, for CLC/CPC	Systems manufactured after 2012
523529	IntelliTouch/EasyTouch to Next Gen Expansion Upgrade Kit CLC/CPC	Systems manufactured after 2012

INTELLICENTER® LITE SYSTEM



INTELLICENTER LITE
SYSTEM

Featured Highlights

- All the functionality of IntelliCenter on a smaller scale.
- Offers up to five relays, i5P or i5PS bundle options
- Suitable for new pool installations or existing pools
- Breaker panel not always needed if there is an existing one
- Intuitive color touch screen makes it easy to set schedules
- Expandable to support additional relays and functionality with IntelliCenter daughter cards and expansion panels
- Optimal connection easily keeps optional devices connected and schedules intact
- Optional built-in WiFi connectivity and remote access capability via the mobile app for expanded control

The IntelliCenter Lite System options support five relays and each system includes a power center rather than a load center with breaker panels. These options should be used for IntelliCenter automation applications when a load center with a breaker panel is not needed.

Ordering Information

Product	Country	Description	Includes IntelliChlor® Cell	Includes SCG Transformer	Includes Two (2) Compool® Valve Actuators	Includes Two (2) IntelliValves
BUNDLED SYSTEMS (COMMON LOAD AND PERSONALITY KIT)						
523623	USA	IntelliCenter Lite System (power center with i5P personality kit)	No	No	No	No
523624	USA	IntelliCenter® Lite System With Standard Valve Actuators (power center with i5PS personality kit and 2 Compool valve actuators)	No	No	Yes	No
523625	USA	IntelliCenter® Lite System With IntelliValve® Actuators (power center with i5PS personality kit and 2 IntelliValve® actuators)	No	No	No	Yes
523668	USA	IntelliCenter Lite System (power center with i5P personality kit) without High Power Wireless Link	No	No	No	No
523669	USA	IntelliCenter Lite System (power center with i5PS personality kit) without High Power Wireless Link	No	No	No	No
523724	USA	IntelliCenter Lite System With Standard Valve Actuators (power center with i5PS personality kit and 2 Compool valve actuators) without High Power Wireless Link	—	—	—	—

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INTELLICENTER®

CONTROL SYSTEM FOR POOLS AND SPAS

AL A CARTE ORDERING STEP 1: PICK YOUR LOAD AND POWER CENTER

Ordering Information

Product	Description	IntelliChlor Transformer
LOAD AND POWER CENTERS		
522041	Load Center (with Salt Chlorine Generator support)	Included
522042	Power Center (with Salt Chlorine Generator support)	Included
522043	Load Center (without Salt Chlorine Generator support)	Not Included
522044	Power Center (without Salt Chlorine Generator support)	Not Included

STEP 2: PICK YOUR PERSONALITY KIT

Product	Description	Body of Water Style	Motherboard	Daughter Card	No. of Additional Relays**
INTELLICENTER PERSONALITY KITS					
521909	IntelliCenter Personality Kit i5P	Single	i5P	N/A	0
521910	IntelliCenter Personality Kit i8P	Single	i5P	i8P	3
521911	IntelliCenter Personality Kit i10P	Single	i5P	i10P	5
521912	IntelliCenter Personality Kit i5PS	Shared Equipment	i5P	i5PS	0
521913	IntelliCenter Personality Kit i8PS	Shared Equipment	i5P	i8PS	3
521914	IntelliCenter Personality Kit i10PS	Shared Equipment	i5P	i10PS	5
521915	IntelliCenter Personality Kit i10D	Dual Equipment	i5P	i10D	5
522033*	IntelliCenter i5X Expansion Kit	—	i5X	N/A	0
522034*	IntelliCenter i10X Expansion Kit	—	i5X	i10x	5

*Expansion kits use an i5X motherboard. i5P motherboards cannot be used in expansion panels.

** Load center comes with five (5) 3 HP relays.

STEP 3: PICK YOUR ACCESSORIES

Product	Description	Notes
LOAD AND POWER CENTERS / SPACOMMAND REMOTES		
522035	IntelliCenter Indoor Control Panel, White Faceplate	
523058	IntelliCenter Indoor Control Panel, Tan Faceplate	
523059	IntelliCenter Indoor Control Panel, Black Faceplate	
522036	IntelliCenter Wireless Remote with Transceiver	
522038Z	IntelliCenter Valve Expansion Module	Adds six actuator ports to system (on main load center).
522039Z	Pool Cover Interface Expansion Board	Supports two covers.
523434	900 MHz Wireless Ethernet Link	
523557	900 MHz Wireless Ethernet Link Kit	Includes PoE module and Ethernet cables.
544425	Cable POE/Ethernet High Power Wireless Bundle	900 MHz Wireless Cables
521176	SpaCommand® Remote, Black with 150 ft. cable	
521177	SpaCommand Remote, Black with 250 ft. cable	
521178	SpaCommand Remote, White with 150 ft. cable	
521179	SpaCommand Remote, White with 250 ft. cable	
521180	Mudbox Accessory for recessing SpaCommand Remote into deck or tile. Includes cover plate and bezel.	
INTELLICENTER TRAINING AID		
523248	IntelliCenter Laptop Trainer	

See page 388 for replacement parts.

INTELLICENTER®

UPGRADE KIT FOR EASYTOUCH®/INTELLITOUCH®







IntelliCenter Upgrade Kit for EasyTouch®/IntelliTouch®

Featured Highlights

- All the benefits of IntelliCenter and the latest Pentair app experience
- Get the most advanced features of IntelliCenter
- Enjoy a joyful, effortless app experience

Replace older EasyTouch and IntelliTouch systems with IntelliCenter. Installs on the current wiring and housing, just change the bezel, board and transformer.

Product	Description	Manufacture Date	Identify Bezel by Cutout	
LEGACY: RECTANGULAR CUTOUT				
522045	i 10 Pool		Legacy: Rectangular Cutout	
522046	i 10 Pool/Spa	2003-2012 (Legacy)		
523218	i 10 Dual		EasyTouch	IntelliTouch
523530	Expansion			
CURRENT: SQUARE CUTOUT				
522047	i 10 Pool		Current: Square Cutout	
522048	i 10 Pool/Spa	2012-2023 (Current)		
523049	i 10 Dual		EasyTouch	IntelliTouch
523529	Expansion			

INCLUDED:

Bezel, Personality Kit and High Power Wireless Kit
High Power Wireless Kit #523557



System Transformer

Current: #522102Z; Legacy: #522062Z (bracket included)



4AMP and 5AMP Circuit Breakers

#523345 (4AMP); #523346 (5AMP)



INTELLICONNECT®

CONTROL AND MONITORING SYSTEM

TRADEGRADE

Featured Highlights

- External antenna offers an average of more than 4.9 times greater reception distance than the original IntelliConnect* for improved connectivity
- Enables smart connections to any of these Pentair devices: IntelliFlo® or IntelliPro® Pumps, IntelliChlor® or iChlor® Salt Chlorine Generator
- Allows for two relay connections to equipment like pool or landscape lights, pool cleaner booster pumps, or single-speed pumps including competitive models
- Provides real-time information on the status of the filtration system and other pool equipment
- Easily sets up and schedules automatic operation of connected equipment



IntelliConnect Control and Monitoring System

*Results stated with Ericsson model for city deployment with antenna/unit installed at 1.8m (6ft)

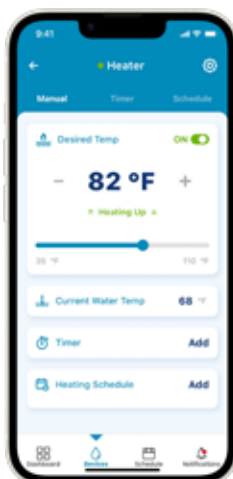
IntelliConnect allows pool owners to monitor and control various devices, including pumps, lights, salt chlorine generators and more, all through the Pentair Home app for easy, convenient control from anywhere. IntelliConnect 2 provides real-time information on the status of the filtration system and other pool equipment. Pool owners can command the system to work a little harder when extra filtration is needed.

Ordering Information

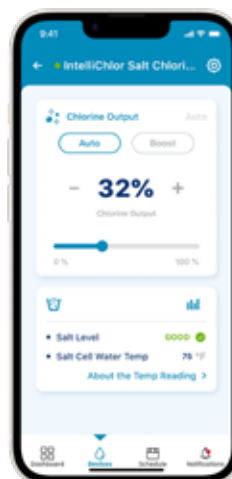
Product	Description
INTELLICONNECT CONTROL AND MONITORING SYSTEM	
523317	IntelliConnect Control and Monitoring System



Pump Status



Desired Temperature



Chlorine Output

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Pentair Pro App and Home App

TAKE CONTROL FROM ANYWHERE

Connected Device Functionality for Pro & Home App

Product	Pro App	Home App
IntelliSync® Pool Pump Control and Monitoring System	Invite Pool Owner to Pentair Home App Remote Monitoring	WiFi Provisioning Program, Monitor & Control
ChemCheck® Water Quality Monitoring System	Invite Pool Owner to Pentair Home App Remote Monitoring ¹	WiFi Provisioning Program, Monitor ¹ & Control
IntelliFlo3® Variable Speed and Flow Pool Pump IntelliPro3® Variable Speed and Flow Pool Pump	Invite Pool Owner to Pentair Home App Program & Set Up through <i>Bluetooth</i> ² wireless technology Service or modify settings with <i>Bluetooth</i> ² Remote Monitoring	WiFi Provisioning Program, Monitor & Control Ability to Program, Monitor, & Control via <i>Bluetooth</i> ²
IntelliConnect® Pool Control System	Remote Monitoring	WiFi Provisioning Program, Monitor & Control
Prowler® 930 Robotic Inground Pool Cleaner	N/A	WiFi Provisioning Program, Monitor & Control
Color Sync™ Controller for Pentair Color LED Pool Lights	N/A	WiFi Provisioning Program, Monitor & Control

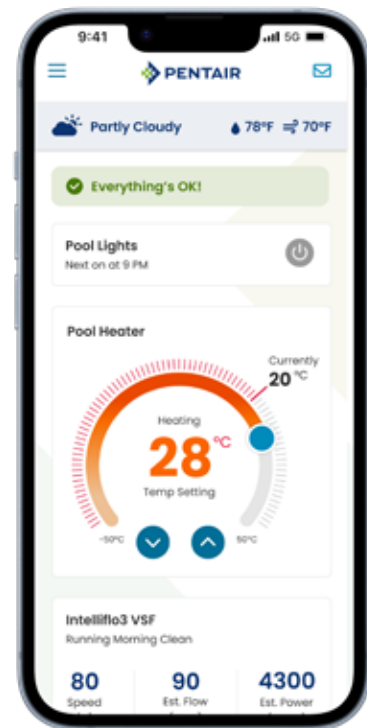
GLOSSARY

Term	Description
<i>Bluetooth</i> [®] Wireless Technology	Local connection to device using the <i>Bluetooth</i> option.
Control	Ability to make adjustments, as needed, to update schedules or take immediate action.
Monitor	Check device status.
Program	Configure settings and create schedules.
Remote Monitoring	Visibility to a customer's pool device status. Ability to work with pool owner off-site. Future state will include capability to control remotely.
Set Up	Connect the pool device to the app and create or add to account.
WiFi Provisioning	Connect device to router for wireless internet connection.

¹ Visibility to device readings of the pH and ORP levels. Gives pool professional the ability to enter water test results and the adjustments made into the Pro app. The test results and changes are then visible to the homeowner in the Home app.

² *Bluetooth* can deliver a quick, direct connection to the device. Internet or cellular connection are required to open and use the Pro or Home app for *Bluetooth* or WiFi connectivity.

WiFi Connection Best Practices: Continuous WiFi connection to connected devices will support software updates and ongoing feature additions, even if it is connected to an automation system.



PENTAIR
PRO



PENTAIR
HOME



Learn more at:
pentair.com/connectedpool

SCREENLOGIC2® INTERFACE

FOR INTELLITOUCH® AND EASYTOUCH® AUTOMATION SYSTEMS

TRADEGRADE



Add a ScreenLogic2 Interface to Pentair automation systems and gain pool access from practically anywhere at any time using your Android® and iOS® device, Web browsers on Mac® and PC computers

Featured Highlights

- Use on Android® and iOS® device, Web browsers on Mac® and PC computers to control pool functions
- Remotely manage using the ScreenLogic2 Interface Application
- Easily change, track and monitor history of pH and ORP levels when using IntelliChem® Chemical Control System with IntelliTouch or EasyTouch Automation
- ScreenLogic2 Interface app now allows full color lighting control for both IntelliBrite® LED Pool/Spa/Landscape Lights and MagicStream® Laminars
- All ScreenLogic2 Interface Kits come with a protocol adapter and ScreenLogic2 Interface PC program on CD

ScreenLogic2 Interface allows you to control the key functions of your pool and spa using the IntelliTouch and EasyTouch control systems, using controllers such as your Android® and iOS® device, Web browsers on Mac® and PC computers. The ScreenLogic Bundle conveniently includes the Protocol Adapter (520500 and the ScreenLogic Interface Wireless Connection Kit (523434)).

Ordering Information

Product	Description	
SCREENLOGIC2 INTERFACE CONTROL SYSTEMS		
522104	ScreenLogic Bundle (includes 520500 and 523434)	
520500	Protocol Adapter Only	
520639	High Powered ScreenLogic Interface Wireless Connection Kit – Includes two radio transmitters that eliminate the need to run cable from the Load Center into the home where the protocol adapter and wireless router are located. This is for large properties where the standard 523434 does not work.	
523434	ScreenLogic Wireless Connect Kit	
523557	900 MHz Wireless Ethernet Link Kit	Includes PoE module and Ethernet cables.
544425	Cable POE/Ethernet High Power Wireless Bundle	900 MHz Wireless Cables

NOTE: All ScreenLogic2 Interface Kits come with a protocol adapter

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NOTE: THE PENTAIR SCREENLOGIC INTERFACE FOR MACINTOSH® DESKTOP COMPUTERS IS NOT COMPATIBLE WITH 64BIT SPEED MACINTOSH CATALINA OPERATING SYSTEM. CUSTOMERS WHO UPDATE THEIR MAC® DESKTOP COMPUTERS TO THE NEW CATALINA MACOS WILL NO LONGER BE ABLE TO USE SCREENLOGIC DESKTOP INTERFACE

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SCREENLOGIC2® INTERFACE (CONT'D)

CONNECTION DIAGRAM

ScreenLogic2 Interface allows you to control the key functions of your pool and spa using the IntelliTouch and EasyTouch control systems, using controllers such as your Android® and iOS® device, Web browsers on Mac® and PC computers. The ScreenLogic Bundle conveniently includes the Protocol Adapter (520500 and the ScreenLogic Interface Wireless Connection Kit (523434).

ScreenLogic2 Interface is easy to setup. A wireless connection kit is provided to eliminate the need to run cable where impossible or impractical to do so.

Personal Computer - A PC or Laptop. Connects to a wireless router and the ScreenLogic2 Interface Protocol adapter for control of IntelliTouch and EasyTouch Automation pool/spa systems. Requires a PC/Laptop (Windows XP® or later) with Ethernet/RJ45 adapter installed.

Indoor Control Panel - This control panel for IntelliTouch and EasyTouch systems consists of a backlit LCD and connects into the Load Center for control of IntelliTouch or EasyTouch pool and spa systems.

MobileTouch® Wireless or EasyTouch Wireless Remote - This wireless control panel has a backlit LCD. Receives and transmits commands via the Transceiver antenna located at the Load Center.

Existing Wireless Router - Connects to the PC or Laptop via Ethernet connection.

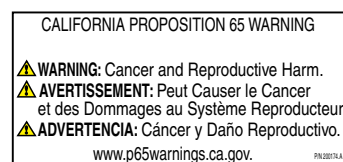
Protocol Adapter - Connects to wireless router via Ethernet connection and to Personality board (Load/Power Center) via a four-wire 22-AWG cable or provided wireless connection kit.

IntelliTouch or EasyTouch Automation Load Center or Power Center - The main control center, located at the equipment pad controls pump, heater, and light relays. It receives commands via Protocol adapter, and wireless and wired control panels connected to the Personality board.

MobileTouch Wireless and EasyTouch Wireless Remote Transceiver Antenna - This antenna sends and receives commands to and from the MobileTouch Wireless control panel.

Windows XP® is a registered trademark of Microsoft Corporation.

NOTE: THE PENTAIR SCREENLOGIC INTERFACE FOR MACINTOSH® DESKTOP COMPUTERS IS NOT COMPATIBLE WITH 64BIT SPEED MACINTOSH CATALINA OPERATING SYSTEM. CUSTOMERS WHO UPDATE THEIR MAC® DESKTOP COMPUTERS TO THE NEW CATALINA MACOS WILL NO LONGER BE ABLE TO USE SCREENLOGIC DESKTOP INTERFACE



EASYTOUCH® CONTROL SYSTEMS

POOL/SPA CONTROL SYSTEMS

TRADEGRADE

Featured Highlights

EasyTouch Features include:

- UltraTemp® Heat Pump integration
 - Supports 2 IntelliFlo® Pumps
 - Supports 8 Feature circuits
 - MagicStream® Laminar support
 - IntelliChem® Controller support
 - Works with ScreenLogic2® Interface
 - IntelliBrite® Pool and Spa Light support
 - SpaCommand® Spa-Side Remote support and control of IntelliFlo® Pump
- Optional Controllers for added convenience: Indoor Control Panel (for 4 or 8 circuit systems), a Wireless controller (for 4 or 8 circuit systems), a 4-button spa side remote, and SpaCommand spa-side remote.
 - All functions controlled with easy, one-button access from the self-contained load center or optional controllers. No need to memorize operating sequences, open and close valves, or reset time clocks and thermostats.
 - Built-in diagnostics include automatic verification of the display, microprocessor, switches, indicators, relay outputs, valve outputs, sensor inputs, and communication ports as well as a diagnostic screen that reports failures for troubleshooting and repair purposes
 - Includes 150 amp breaker base with space for ten 1-inch breakers
 - UL and cUL approved
 - Dimensions: 26 in. H x 17 in. W x 5-1/4 in. D



EasyTouch System



521885 - iS4 Remote Control



520547 - EasyTouch wireless for 8 circuit systems

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The EasyTouch Control System family offers control for homeowner's looking for an easy to use pool/spa control system. EasyTouch allows full control of all pool/spa features including advanced features such as colored lighting and IntelliChlor® Salt Chlorine Generator support. Every EasyTouch system includes an easy to use control panel that is built into the outdoor enclosure. This control panel allows for full system setup, programmability, and everyday operation. In addition, there are several other available remote interface choices. The EasyTouch systems come in a variety of configurations: Pool only or Spa only, Pool/Spa with shared equipment, and also integrated with Pentair IntelliChlor Salt Chlorine Generator.

Ordering Information

Product	Model
EASYTOUCH SYSTEMS WITHOUT INTELLICHLOR TRANSFORMER BUILT-IN	
520591	EasyTouch 4P – Single Body (base system - no ICP, no actuators)
520703	EasyTouch 8P – Single Body (base system - no ICP, no actuators)
520538	EasyTouch 4 – Pool/Spa (base system - no ICP, 2 actuators)
520540	EasyTouch 8 – Pool/Spa (base system - no ICP, 2 actuators)
EASYTOUCH SYSTEMS WITH INTELLICHLOR TRANSFORMER AND INTELLICHLOR CELL	
520592	EasyTouch 4PSC-IC20 – Single Body (includes SCG integration & IC20 cell)
520593	EasyTouch 4PSC-IC40 – Single Body (includes SCG integration & IC40 cell)
520704	EasyTouch 8PSC-IC20 – Single Body (includes SCG integration & IC20 cell)
520705	EasyTouch 8PSC-IC40 – Single Body (includes SCG integration & IC40 cell)
520542	EasyTouch 4SC-IC20 – Pool/Spa (includes SCG integration & IC20 cell, 2 actuators)
520543	EasyTouch 4SC-IC40 – Pool/Spa (includes SCG integration & IC40 cell, 2 actuators)
520544	EasyTouch 8SC-IC20 – Pool/Spa (includes SCG integration & IC20 cell, 2 actuators)
520545	EasyTouch 8SC-IC40 – Pool/Spa (includes SCG integration & IC40 cell, 2 actuators)
521150	EasyTouch 8SC-IC60 – Pool/Spa (includes SCG integration & IC60 cell, 2 actuators)
CANADIAN EASYTOUCH SYSTEMS	
520914	EasyTouch 4P-C – Single Body (salt ready system, cell must be ordered separately)
520915	EasyTouch 8-C – Pool/Spa (salt ready system, cell must be ordered separately)
520911	IntelliChlor IC20 cell for Canada
520912	IntelliChlor IC40 cell for Canada

See page 390 for replacement parts.

EASYTOUCH® CONTROL SYSTEMS ACCESSORIES

POOL/SPA CONTROL SYSTEMS

Product	Description	Product	Description
ACCESSORIES FOR EASYTOUCH SYSTEMS			
521485	IntelliValve® Valve Actuator	521885	iS4 Spa-side Remote, White 100 ft.
522104	ScreenLogic Bundle (includes 520500 and 523434)	AI101	Surge Suppressor for 115V transformer wiring
520500	Protocol Adapter Only	AI201	Surge Suppressor for 230V transformer wiring
523434	Wireless Connection Kit Complete, Antenna and Transceiver	520272	Air & Water Temperature Sensor (white)
520639	ScreenLogic High Power Wireless Link for large properties	522101	Solar Temperature Sensor (black)
520660	EasyTouch Laptop trainer	520198	Two-Speed 3HP Relay
520199	1000 ft. COM cable, four conductor, 22 AWG	263045	Valve Actuator
520106	3HP Relay for IntelliTouch or EasyTouch	520818	COM Port Expansion Module with 1 ft. cable
520548	EasyTouch ICP (Indoor Control Panel) for 4 circuit systems	RCS1	Additional Spa Jets Switch (for multiple jet pumps)
520549	EasyTouch ICP (Indoor Control Panel) for 8 circuit systems	ESO3	Emergency Shut-Off Switch w/Audible Alarm
520546	EasyTouch Wireless Controller Kit for 4 circuit system, including transceiver	520967	Light Direct Connect Kit (eliminates need for j-box)
520547	EasyTouch Wireless Controller Kit for 8 circuit system, including transceiver	521178	SpaCommand Remote, White with 150 ft. cable
520588	IntelliChlor® Pass-through Cell for Winter or start-up	521176	SpaCommand Remote, Black with 150 ft. cable
520594	IntelliChlor Diagnostic Wand	521179	SpaCommand Remote, White with 250 ft. cable
520595	IntelliChlor replacement unions (contains 2 o-rings, 2 couplers, 2 nuts)	521177	SpaCommand Remote, Black with 250 ft. cable
520670	IntelliChlor acid washing kit (contains closed end union cap, o-ring, & coupling nut)	521180	SpaCommand Remote Mudbox Accessory
520734	IntelliChlor 15 foot extension power cord	521500	SpaCommand Replacement Plastics (black & white trim ring, mounting bracket, screws and O-ring)
520736	IntelliChlor Flow Switch replacement kit		

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520818 - COM Port Expansion Module



521885 - iS4 Remote Control



520548 - EasyTouch ICP for 4 circuit systems
 520549 - EasyTouch ICP for 8 circuit systems
 520546 - EasyTouch wireless for 4 circuit systems
 520547 - EasyTouch wireless for 8 circuit systems



520554 - IntelliChlor IC20 Cell
 520555 - IntelliChlor IC40 Cell
 521105 - IntelliChlor IC60 Cell



SpaCommand® Remote
TRADEGRADE

EASYTOUCH® PL4/PSL4 CONTROL SYSTEMS

ENTRY LEVEL POOL/SPA CONTROL SYSTEMS

TRADEGRADE

Featured Highlights

EasyTouch PL4/PSL4 Features include:

- Supports 1 IntelliFlo® Pump
- Supports 2 Feature circuits
- Supports 4 IntelliFlo Pump speeds
- Supports 4 scheduled programs
- Supports ScreenLogic2® Interface
- IntelliChem® Chemical Controller support
- IntelliChlor® support
(must use optional 520556 power center)
- Supports IntelliBrite® Lights, MagicStream® Laminars and ColorVision® Bubblers

Note: EasyTouch PL4/PSL4 Systems use the power center enclosure that does not contain a breaker base.



EasyTouch PL4/PSL4 System

The EasyTouch PL4/PSL4 Control Systems offers a new level of control for homeowner's looking for an affordable, easy to use pool/spa control system. EasyTouch PL4/PSL4 allows control of pools with a smaller number of features including pumps, filters, lighting, water features, spa control, heaters and heat pumps, and chemical control. The EasyTouch PL4 control system is a 4-circuit system, designed for a single body of water. The EasyTouch PLS4 is designed to control a pool/spa combination. Both options are available bundled with our ScreenLogic Interface Kit that allows for remote operation on a computer, smartphone, mobile digital device or right at the Power Center on the equipment pad. For more advanced features and up to 8 feature circuits, please see previous page for the EasyTouch Control System options.



522464 - EasyTouch PS4/PSL4 wireless for 4 circuit systems



521885 - iS4 Remote Control

Ordering Information

Product	Model
EASYTOUCH PL4/PSL4 SYSTEMS	
522352	EasyTouch PL4 - Single Body (base system - no ICP, no actuators)
522353	EasyTouch PL4 - Single Body with ScreenLogic Wireless Bundle (base system - no ICP, no actuators)
522354	EasyTouch PSL4 - Pool/Spa (base system - no ICP, 2 actuators)
522355	EasyTouch PSL4 - Pool/Spa with ScreenLogic Wireless Bundle (base system - no ICP, 2 actuators)
ACCESSORIES	
522464	EasyTouch PL4/PSL4 Wireless Remote
522465	EasyTouch PL4/PSL4 Indoor Control Panel
522104	ScreenLogic Wireless Bundle
520639	ScreenLogic High Power Wireless Link for large properties

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See page 390 for replacement parts.

EASYTOUCH® PS4/PSL4 CONTROL SYSTEMS

ACCESSORIES

Product	Description	Product	Description
ACCESSORIES FOR EASYTOUCH PS4/PSL4 SYSTEMS			
521485	IntelliValve® Valve Actuator	520736	IntelliChlor Flow Switch Replacement Kit
522464	EasyTouch PL4/PSL4 Wireless Remote	521885	iS4 Spa-side Remote, White 100 ft.
522465	EasyTouch PL4/PSL4 Indoor Control Panel	AI101	Surge Suppressor for 115V transformer wiring
522104	ScreenLogic Bundle (includes 520500 and 523434)	AI201	Surge Suppressor for 230V transformer wiring
520500	Protocol Adapter Only	520272	Air & Water Temperature Sensor (white)
523434	Wireless Connection Kit Complete, antenna and transceiver	522101	Solar Temperature Sensor (black)
520199	1000 ft. COM cable, four conductor, 22 AWG	520198	Two-Speed 3HP Relay
520106	3HP Relay for IntelliTouch or EasyTouch	263045	Valve Actuator
520588	IntelliChlor Pass-through Cell for Winter or start-up	520818	COM Port Expansion Module with 1 ft. cable
520594	IntelliChlor Diagnostic Wand	RCS1	Additional Spa Jets Switch (for multiple jet pumps)
520595	IntelliChlor replacement unions (contains 2 o-rings, 2 couplers, 2 nuts)	ESO3	Emergency Shut-Off Switch w/Audible Alarm
520670	IntelliChlor acid washing kit (contains closed end union cap, o-ring, & coupling nut)	520967	Light Direct Connect Kit (eliminates need for j-box)
520734	IntelliChlor 15 foot extension power cord		

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520556 - IC20, IC40, IC60 Power Center



520818 - COM Port Expansion Module



521885 - iS4 Remote Control



522465 - EasyTouch PS4/PSL4 ICP for 4 circuit systems



522464 - EasyTouch PS4/PSL4 wireless for 4 circuit systems



520554 - IntelliChlor IC20 Cell
 520555 - IntelliChlor IC40 Cell
 521105 - IntelliChlor IC60 Cell



523009 - iChlor® 30 Cell Only
 523010 - iChlor 15 Cell Only

SUNTOUCH® CONTROL SYSTEM

TRADEGRADE

Featured Highlights

- One-touch function – no complicated routine to memorize
- Ability to program pool and spa and two additional features. All circuits in the system can control four operating schedules (maximum six total schedules per system)
- Supports 4 feature circuits for programming convenience
- Compatible with gas or electric heaters, heat pumps, and solar systems
- Temperature control can be set in one degree increments
- Supports one IntelliFlo® Pump and IntelliChlor® Salt Chlorine Generator



SunTouch System

SunTouch Control System is the easy way to keep your pool and spa cleaner, comfortable, and ready to enjoy. With the touch of a few buttons, you can quickly program your pool and spa filtration and heating cycles to fit your schedule. And it's just as simple to change programs or switch to manual mode for those unplanned, spontaneous plunges. With SunTouch Control System, your pump and heater automatically run whenever you want, for as long as you want so your pool and spa are always warm and inviting.

In addition to controlling your pump and heater, the standard SunTouch Control System package has the ability to schedule operation of additional functions, such as your lights or automatic cleaner. You can also add a third valve actuator to automate a solar heating system or water feature.

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Ordering Information

Product	Description
SUNTOUCH CONTROL SYSTEMS	
520820	SunTouch Control System (pool/spa) – Includes 2 actuators, 2 temp sensors (20 ft. water, 40 in. air) and 3 relays
520819	SunTouch Solar Control System – Includes 1 actuator, 1 solar valve, and 2 temp sensors (20 ft. water, 40 in. solar)
520859	SunTouch Single Body Control System – Includes temp sensors (20 ft. water, 40 in. air) and 3 relays
520856	SunTouch Solar with 3-way valve – Includes 1 actuator, 3-way valve, and 2 temp sensors (20 ft. water, 40 in. solar)
520857	SunTouch Booster Pump Version – Includes 1 relay, and 2 temp sensors (20 ft. water, 40 in. solar)
ACCESSORIES FOR SUNTOUCH SOLAR CONTROL SYSTEMS	
520106	3HP Relay
520272	Air & Water Temperature Sensor (white)
522101	Solar Temperature Sensor (black)
520198	2 Speed Pump Relay
ES03	Emergency Shut-Off Switch w/Audible Alarm
521485	IntelliValve® Valve Actuator
263045	Valve Actuator
520967	Light Direct Connect Kit (eliminates need for J-box)

See page 391 for replacement parts.

SOLARTOUCH®

SOLAR CONTROL SYSTEM

TRADEGRADE



SolarTouch System

The SolarTouch Solar Control System offers full digital control for precise, efficient, swimming pool heating. The digital thermostat is set with the touch of a button and will monitor the temperature of the pool water and solar collectors. SolarTouch Control System integrates with IntelliFlo and IntelliPro Variable Speed pumps.

Featured Highlights

- Digital calibration of water and solar temperature in one degree increments
- Integrates with **IntelliFlo® and IntelliPro® Variable Speed pumps**
- Set pool temperatures and solar temperature differentials with the touch of a button
- Solar valve automatically drains the solar collectors when pump shuts off
- Durable PTFE Seal
- LCD display
- LED indicator lights confirm SolarTouch automation is working. Service indicator LED shows when attention is required.
- Motorized valve actuator has steel gears, low-voltage motor: service switch for flow direction
- Weatherproof composite enclosure
- Nocturnal cooling and recirculation freeze protection with filter-pump timer override
- 3-year warranty

Ordering Information

PRODUCT	DESCRIPTION
SOLARTOUCH SOLAR CONTROL SYSTEM	
521592	SolarTouch Solar Control System with 3-way solar drain down valve, valve actuator, and 2 temp sensor (20 ft. water, 40 in. solar)
521632	SolarTouch Solar Control System with 3-way Valve, valve actuator and 2 temp sensors (20 ft. water, 40 in. solar)
521590	SolarTouch Solar Control only
521942	SolarTouch Booster Pump
521606	SolarTouch Flash Programmer (USB)

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PN2017A

INTELLICENTER® POOL CONTROL SYSTEM

REMOTE MONITORING AND CONTROL

The screenshot displays the IntelliCenter2 Remote Monitoring dashboard. At the top, there is a search bar and a 'Refresh' button. The main content is a table with columns for General, Body 1 Details, Body 2 Details, Equipment, and Water Chemistry. The table lists 17 installations with various parameters such as Pool Name, Card, Air Temp, Water Temp, Set & Heat Mode, Chlor Output, Alarms, Lights, Pentair Pump(s), Remote Enabled, pH, ORP (mv), Salt (ppm), Balance (L.M), CL Tank, and Acid Tank. The table is sorted by Pool Name in descending order.

General	Body 1 Details			Body 2 Details			Equipment				Water Chemistry							
Pool Name	Card	Air Temp	Water Temp	Set & Heat Mode	Chlor Output	Water Temp	Set & Heat Mode	Chlor Output	Alarms	Lights	Pentair Pump(s)	Remote Enabled	pH	ORP (mv)	Salt (ppm)	Balance (L.M)	CL Tank	Acid Tank
Installation 4	113PS	60°F	72°F	-	-	80°F	-	-	1	💡	🚰	📶	7.45	586	-	0.21	26	46
Installation 3	113PS	70°F	82°F	-	-	95°F	-	-	2	💡	🚰	📶	-	-	-	-	-	-
Installation 2	113PS	84°F	71°F	-	50%	99°F	-	15%	2	💡	🚰	📶	-	-	2000	-	-	-
Installation 17	110P	69°F	72°F	-	-	-	-	-	-	-	-	📶	-	-	-	-	-	-
Installation 16	109S	58°F	62°F	-	55%	71°F	-	15%	-	-	-	📶	7.37	587	3000	0.53	36	36
Installation 15	109S	60°F	73°F	-	55%	89°F	-	15%	-	-	-	📶	7.56	693	2500	0.37	18	06
Installation 14	110Q	74°F	77°F	🔥	55%	70°F	84°F	15%	-	-	-	📶	5.76	309	500	-1.32	18	06
Installation 13	110Q	81°F	83°F	78°F	55%	88°F	84°F	15%	-	-	-	📶	6.47	875	3000	1.36	30	26
Installation 12	110Q	72°F	71°F	83°F	100%	14°F	97°F	9%	-	-	-	📶	6.85	669	1500	0.57	66	06
Installation 11	110Q	70°F	71°F	66°F	75%	84°F	82°F	1%	-	-	-	📶	7.27	785	1500	0.19	56	16
Installation 10	110Q	78°F	76°F	82°F	60%	72°F	86°F	4%	-	-	-	📶	7.65	666	2500	0.31	46	26
Installation 1	10P	42°F	-	-	-	-	-	-	-	-	-	📶	-	-	-	-	undefined6	undefined6

Get a bird's eye view of all your customer's systems in one dashboard.

- Proactively monitor customer's systems
- Assess problems before they become issues requiring a service call
- Connect to systems and control equipment from anywhere
- Allows for the ability to offer white glove service

INTELLIVALVE®

VALVE ACTUATOR

TRADEGRADE

**IntelliValve
Valve Actuator**



The IntelliValve Valve Actuator lets you set just the right flow for water features. Its intuitive controls and LED position indicator lights make operation fast and push-button easy. Thirteen (13) bright LEDs provide a clear visual indication of the valve position from fully open to fully closed and everywhere in between. Simply use the left/right and Save buttons to set the flow rate in just seconds.

Featured Highlights

- Thirteen (13) LEDs give precise, easy-to-read indication of valve position
- Built-in interface allows quick and simple set-up of water flow
- Sleek, minimalist design is compact and fits easily within any equipment pad
- Sealed, maintenance-free design is weatherproofed for reliability
- Suitable for 1.5", 2", 2.5" and 3" valve sizes.
- 24-volt operation for use with standard automation systems, 750 mA max amp draw
- Adjustable 3.75-degree increments within the maximum 180-degree swing

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Ordering Information

Product	Description
INTELLIVALVE	
521485	For any Pentair Automation System Compatible with control systems that use standard actuators

VALVE ACTUATOR

VALVE CONTROL SYSTEMS

TRADEGRADE

Featured Highlights

CVA24 Valve Actuator

- Helps Prevent dead-heading of pumps
- Corrosion-proof enclosure
- Service switch (for flow direction)
- ETL recognized
- UL listed for use with IntelliTouch® Automation
- Operates Compool®, Ortega® or Jandy® Valves
- Compatible with all 24VAC Control Systems



Valve Actuator

Designed for use with 2-port and 3-port valves. Features maximum torque, 24VAC bi-directional motor.

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Ordering Information

Product	Model	Voltage	Cable	Rotation	Compatibility	Motor
VALVE ACTUATOR						
263043	CVA24L	24 VAC	3-wire	90 deg.	2-port Compool/Ortega/Jandy Valves	Bi-directional
263044	CVA24Y	24 VAC	3-wire	120 deg.	3-port Compool PTV2Y Valve	Bi-directional
263045	CVA24T	24 VAC	3-wire	180 deg.	3-port Compool/Ortega/Jandy Valves	Bi-directional

Jandy® is a registered trademark of Jandy Industries, Inc.

GFCI CIRCUIT BREAKERS

Featured Highlights

- Personnel Protection GFCI
- Meets 2008 to current NEC Standards for Pool Pumps
- Compatible with IntelliTouch® and EasyTouch® Control System
- Designed to protect personnel exposed to ground faults in AC, DC, and mixed AC/DC systems where levels exceed 6 milliamps



GFCI Circuit Breakers

Ordering Information

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Product	Description	Carton Qty.	Carton Wt (Lbs.)
GFCI CIRCUIT BREAKERS			
PA215GF	2-pole 15 amp GFCI	10	11.50
PA220GF	2-pole 20 amp GFCI	10	11.50

LX80 & LX820 SYSTEMS

COMMERCIAL POOL/SPA CONTROL SYSTEMS

TRADEGRADE



LX802

Designed for a commercial pool and spa application. Provides Remote Spa Jets switch (suitable for outdoor locations) with electronic countdown timer (15/30 minutes).

Featured Highlights

LX802 Commercial Pool/Spa Control System

- Emergency Shut-off Switch (disables all pumps)
- Audio Alarm
- Power Center available at the equipment site, features: mechanical time clocks for the Pool and Spa Filter Pumps, power relays (3) for Pool and Spa Filter Pumps and Spa jet Pump and equipment service switches

LX8202 Emergency Shut-off System

- Emergency Shut-off Switch
- Audio Alarm
- Power Center at the equipment site with equipment status lights and power relays (2) for Spa Filter Pump and Jet Booster Pump

NOTE: System interfaces with existing Spring Wound Timer

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P652014A

Ordering Information

Product	Circuits	Power Relays Std/Max	Circuit Breaker Capacity	Voltage	Relay Amp Inductive
LX80 & LX820 COMMERCIAL POOL/SPA CONTROL SYSTEMS					
LX802*	Pool Filter, Spa Filter, Jet1, Jet2	3 / 8	N/A	115V/230V	20
LX8202	*Spa Filter, Jet1, Jet2	2 / 3	N/A	115V/230V	20

* LX80 and LX820 systems standard relays included are 20 amp 2HP. Part number RLYLX3HP can be ordered if installing a 3HP pump.



LX8202

Designed for retrofitting commercial spas where an emergency shut-off switch is required.

Product	Description
ACCESSORIES FOR LX80 COMMERCIAL POOL/SPA CONTROL SYSTEM	
RCS1	Additional Spa Jets Switch (for multiple jet pumps)
ES03	Emergency Shut-Off Switch w/Audible Alarm
RLYLX	Additional Power Relay (for auxiliary equipment)
RLYLX3HP	Additional 25 Amp, 3 HP Power Relay (for auxiliary equipment)
RYALX	Harness to operate 2 Power Relays from one control circuit
ACCESSORIES FOR LX8202 COMMERCIAL POOL/SPA CONTROL SYSTEM	
RLYSC	Additional Power Relay (for second jet pump or filter pump)
RLYSC3HP	Additional 25 Amp, 3 HP Power Relay (for auxiliary equipment)