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Pentair 520547

Pentair EasyTouch 520547 Wireless Controller Kit User Manual

For 8 Circuit Pool and Spa Automation Systems

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Pentair EasyTouch 520547 Wireless Controller Kit. This kit is designed to provide convenient wireless control over your 8-circuit pool and spa automation system, enhancing your ability to manage various pool and spa functions from a distance.

The kit includes a wireless remote control unit and a transceiver, enabling communication with your existing EasyTouch automation system. Please read this manual thoroughly before attempting installation or operation to ensure proper functionality and safety.

PRODUCT FEATURES

- Wireless remote control for EasyTouch automation systems.
- Supports up to eight auxiliary circuits for comprehensive control.
- Operates effectively up to 300 feet away from the transceiver.
- Features an intuitive LCD display for clear status and menu navigation.
- Water-resistant design for durability in pool and spa environments.

SETUP

Proper setup is crucial for the optimal performance of your wireless controller kit. This section outlines the general steps for integrating the wireless remote and transceiver with your existing Pentair EasyTouch system.

1. Unpacking and Inspection

Carefully unpack all components. Verify that all parts are present and undamaged. The kit typically includes the wireless remote, the transceiver, and necessary connecting cables.



Image 1: The Pentair EasyTouch Wireless Controller (left) and its accompanying Transceiver (right), along with a connecting cable.

2. Transceiver Installation

1. **Location:** Choose a suitable location for the transceiver. It should be within 300 feet of where the wireless remote will typically be used and have a clear line of sight to minimize interference. Avoid placing it near large metal objects or other wireless devices.
2. **Mounting:** Securely mount the transceiver using appropriate hardware (not included, refer to your EasyTouch system manual for specific mounting recommendations).
3. **Connection:** Connect the transceiver to your EasyTouch control panel using the provided cable. Ensure a secure connection. Refer to your EasyTouch system's wiring diagram for correct port identification.

3. Wireless Remote Preparation

1. **Battery Installation:** Install the required batteries into the wireless remote control unit. Ensure correct polarity.
2. **Power On:** Power on the EasyTouch control system and the wireless remote.

4. Pairing/Synchronization

The wireless remote typically synchronizes automatically with the main EasyTouch unit once the transceiver is properly connected and powered. If automatic synchronization does not occur, follow these steps:

1. Access the pairing menu on your main EasyTouch control panel (refer to your main EasyTouch manual for specific navigation).
2. Initiate the pairing process on the main unit.
3. On the wireless remote, press and hold the designated synchronization button (often labeled "MENU" or "SELECT" in combination with another button, or a dedicated sync button if present) until the remote indicates a successful connection on its LCD display.
4. Confirm the connection on the main EasyTouch panel.

Note: For detailed, system-specific pairing instructions, always consult the comprehensive manual for your primary Pentair EasyTouch automation system.

OPERATING INSTRUCTIONS

The Pentair EasyTouch wireless controller provides intuitive access to your pool and spa functions. Familiarize yourself with the remote's layout and menu structure.

Remote Control Layout

The remote features an LCD display and a series of buttons for navigation and control:

- **LCD Display:** Shows current status, menu options, and system information.
- **SPA Button:** Activates or deactivates spa mode.
- **AUX1 - AUX8 Buttons:** Control the eight auxiliary circuits connected to your EasyTouch system (e.g., lights, waterfalls, cleaners).
- **MENU Button:** Accesses the main menu for advanced settings and programming.
- **SELECT Button:** Confirms selections within menus.
- **Arrow Buttons (Up/Down/Left/Right):** Navigate through menu options and adjust settings.

Basic Operation

1. **Turning Functions On/Off:** Press the corresponding AUX button (AUX1-AUX8) or the SPA button to toggle the associated function on or off. The LCD display will indicate the current status.
2. **Accessing Menus:** Press the MENU button to enter the main menu. Use the arrow buttons to scroll through options such as "Time," "Date," "Schedules," "Settings," etc.
3. **Adjusting Settings:** Once an option is highlighted in the menu, press SELECT to enter. Use arrow buttons to modify values or select sub-options, then press SELECT again to confirm.
4. **Exiting Menus:** Repeatedly press the MENU button to navigate back through menu levels or to return to the main display.

Tip: For detailed programming of schedules, temperatures, and other advanced features, refer to your main Pentair EasyTouch system manual.

MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your wireless controller kit.

Cleaning

- Wipe the remote and transceiver surfaces with a soft, damp cloth.

- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the plastic and electronic components.
- Ensure the remote is dry before use, especially after exposure to water, despite its water-resistant design.

Battery Replacement

- When the LCD display indicates low battery or the remote's responsiveness decreases, replace the batteries.
- Open the battery compartment on the back of the remote.
- Replace old batteries with new ones of the same type and voltage, ensuring correct polarity.
- Dispose of old batteries according to local regulations.

Storage

If storing the remote for an extended period, remove the batteries to prevent leakage and potential damage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your wireless controller kit.

Problem	Possible Cause	Solution
Remote not responding or poor range.	<ul style="list-style-type: none"> Low batteries in the remote. Obstructions between remote and transceiver. Transceiver not powered or connected. Interference from other wireless devices. 	<ul style="list-style-type: none"> Replace remote batteries. Move closer to the transceiver or clear obstructions. Check transceiver power and cable connections. Relocate transceiver or remote away from other wireless devices.
LCD display is blank or dim.	<ul style="list-style-type: none"> Low or dead batteries. Remote is off. 	<ul style="list-style-type: none"> Replace batteries. Ensure remote is powered on.
Functions not activating via remote.	<ul style="list-style-type: none"> Remote not paired with the EasyTouch system. Main EasyTouch system is off or in an error state. Specific circuit is disabled or malfunctioning. 	<ul style="list-style-type: none"> Perform pairing procedure (see Setup section). Check the main EasyTouch control panel for power and error messages. Verify the circuit status on the main EasyTouch panel.

If you continue to experience issues after attempting these troubleshooting steps, please contact Pentair customer support or a qualified pool technician.

SPECIFICATIONS

The following specifications apply to the Pentair EasyTouch 520547 Wireless Controller Kit:

- **Brand:** Pentair
- **Model Number:** 520547
- **Color:** White
- **Material:** Plastic

- **Product Dimensions (Remote):** Approximately 1"D x 20"W x 4"H (Note: This dimension appears to be for packaging or a different component. The remote itself is approximately 7.2 inches in height as shown in Image 2.)
- **Item Weight:** 16 ounces (1 pound)
- **Number of Settings/Circuits:** 8 auxiliary circuits
- **Wireless Range:** Up to 300 feet (line of sight)
- **UPC:** 852673933686, 788379704506
- **Global Trade Identification Number:** 00788379704506



Image 2: The Pentair EasyTouch Wireless Controller, illustrating its approximate height of 7.2 inches (18 cm) for scale.

WARRANTY AND SUPPORT

Pentair products are manufactured to high standards and typically come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Pentair website.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Pentair customer service directly. Contact information can usually be found on the Pentair website or in your product packaging.

Pentair Official Website: www.pentair.com

