**Pentair 520191**

# Pentair 520191 A.C. Outlet Transformer Charger for IntelliTouch Pool and Spa Control System User Manual

Model: 520191

## 1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Pentair 520191 A.C. Outlet Transformer Charger. This unit is designed as a replacement component for the Mobiletouch wireless controller within Pentair IntelliTouch Pool and Spa Control Systems. Please read this manual thoroughly before use to ensure safe and efficient operation.

## 2. Safety Information

- **Electrical Safety:** Always disconnect power to the IntelliTouch system before installing or removing the transformer.
- **Indoor Use Only:** This transformer is designed for indoor use in a dry environment. Do not expose to water or excessive humidity.
- **Proper Voltage:** Ensure the wall outlet voltage matches the transformer's input requirements.
- **Authorized Replacement:** Use only genuine Pentair replacement parts to ensure compatibility and safety.
- **Keep Away from Children:** Store the transformer and associated components out of reach of children.

## 3. Package Contents

Verify that all items are present in the package:

- Pentair 520191 A.C. Outlet Transformer Charger (1 unit)



**Figure 1:** Pentair 520191 A.C. Outlet Transformer Charger. This image displays the black rectangular power adapter with a two-prong US plug on one side and an attached black cable ending in a barrel connector on the other side. The cable is coiled and secured with a tie.

## 4. Setup and Installation

This transformer is a direct replacement for the original charger of the Mobiletouch wireless controller. Follow these steps for proper installation:

1. **Disconnect Power:** Before beginning, ensure the Pentair IntelliTouch Pool and Spa Control System is powered off and disconnected from its main power source.
2. **Locate Existing Charger:** Identify the current A.C. outlet transformer charger connected to your Mobiletouch wireless controller.
3. **Remove Old Charger:** Carefully unplug the old charger from both the wall outlet and the Mobiletouch wireless controller.
4. **Connect New Charger:**
    - Insert the barrel connector end of the Pentair 520191 transformer into the charging port of the Mobiletouch wireless controller.
    - Plug the two-prong A.C. plug of the transformer into a standard wall outlet.
5. **Verify Connection:** Ensure both connections are secure.
6. **Restore Power:** Reconnect power to the IntelliTouch system. The Mobiletouch controller should begin charging if its battery level is low.

If you are unsure about any step, consult a qualified technician or Pentair support.

## 5. Operating Instructions

The Pentair 520191 A.C. Outlet Transformer Charger operates automatically once connected. Its primary function is to provide power to and charge the Mobiletouch wireless controller.

- **Charging:** When the Mobiletouch controller is connected to the transformer and the transformer is plugged into a live A.C. outlet, the controller's internal battery will charge. Refer to your Mobiletouch controller's manual for specific

charging indicators.

- **Continuous Power:** The transformer can also provide continuous power to the Mobiletouch controller when plugged in, allowing it to operate without relying solely on battery power.

## 6. Maintenance

The Pentair 520191 transformer requires minimal maintenance:

- **Cleaning:** Periodically wipe the exterior of the transformer with a dry, soft cloth to remove dust. Do not use liquid cleaners or solvents.
- **Inspection:** Regularly inspect the power cord and connections for any signs of damage, fraying, or loose connections. If damage is observed, discontinue use and replace the unit.
- **Storage:** When not in use, store the transformer in a cool, dry place, away from direct sunlight and extreme temperatures.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Mobiletouch controller not charging. | ◦ No power to the outlet.<br>◦ Loose connection.<br>◦ Damaged transformer or cable.<br>◦ Controller battery issue. | ◦ Test the outlet with another device.<br>◦ Ensure the transformer is securely plugged into both the outlet and the controller.<br>◦ Inspect the transformer and cable for visible damage. If damaged, replace the unit.<br>◦ Consult the Mobiletouch controller's manual or Pentair support. |
| Transformer feels unusually hot. | ◦ Overload or internal fault.<br>◦ Poor ventilation. | ◦ Immediately unplug the transformer. Discontinue use and replace the unit.<br>◦ Ensure the transformer is in an area with adequate airflow. |

If troubleshooting steps do not resolve the issue, contact Pentair customer support.

## 8. Specifications

- **Model Number:** 520191
- **Product Type:** A.C. Outlet Transformer Charger
- **Compatibility:** Mobiletouch wireless controller of Pentair IntelliTouch Pool and Spa Control System
- **Dimensions:** Approximately 6 x 4 x 6 inches (Product Dimensions)
- **Weight:** Approximately 8 ounces (Item Weight)
- **Manufacturer:** Pentair

## 9. Warranty and Support

For warranty information, please refer to the documentation provided with your original Pentair IntelliTouch Pool and Spa Control System or visit the official Pentair website. For technical assistance or to purchase replacement parts, please

contact Pentair customer support:

- **Pentair Official Website:** www.pentair.com
- **Customer Support:** Refer to the website for contact numbers and support options specific to your region.

## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question