

[Manuals.plus](#) /

› [Avant](#) /

› Avant NEO Smart Wi-Fi Switch User Manual

Avant 291005050

Avant NEO Smart Wi-Fi Switch User Manual

Model: 291005050 | Brand: Avant

INTRODUCTION

The Avant NEO Smart Wi-Fi Switch is designed to transform your home into an intelligent environment, offering convenient control over your lighting. This touch-sensitive switch integrates seamlessly with your Wi-Fi network, allowing for control via a dedicated mobile application and popular voice assistants like Amazon Alexa and Google Assistant.

Its elegant design features a high-quality tempered glass panel, ensuring both durability and a sophisticated aesthetic. The switch is suitable for various indoor environments and supports incandescent, fluorescent, and LED lamps.

PRODUCT OVERVIEW



Figure 1: Avant NEO Smart Wi-Fi Switch, showing the product both in its retail packaging and as a standalone unit. The sleek black design with a touch interface and Wi-Fi indicator is visible.



Figure 2: The Avant NEO Smart Wi-Fi Switch installed flush on a wall, demonstrating its minimalist and modern appearance in a home setting.

SETUP AND INSTALLATION

This smart switch is designed for easy installation. Please follow these steps carefully to ensure proper and safe operation.

Safety Precautions

- **Always turn off power at the circuit breaker before beginning any electrical installation.**
- Ensure the wiring is correct according to local electrical codes. If unsure, consult a qualified electrician.
- The switch is designed for indoor use only.

Installation Steps

1. **Power Off:** Locate the circuit breaker controlling the light switch you intend to replace and turn off the power. Verify the power is off using a voltage tester.
2. **Remove Old Switch:** Carefully remove the existing wall plate and unscrew the old switch from the wall box. Disconnect the wires.
3. **Wire the Smart Switch:** Connect the wires to the Avant NEO Smart Switch according to the wiring

diagram provided in the product packaging. This switch is Bivolt (110-240Vca) compatible. Ensure secure connections.

4. **Mount the Switch:** Gently push the wired switch into the wall box and secure it with screws. Attach the new wall plate.
5. **Power On:** Restore power at the circuit breaker. The LED indicator on the switch should illuminate.
6. **Connect to Wi-Fi:**
 - Download the Avant application (or compatible smart home app) from your device's app store.
 - Open the app and follow the on-screen instructions to add a new device.
 - Put the switch into pairing mode (refer to the app or product-specific instructions for how to do this, typically by pressing and holding the touch button).
 - Connect the switch to your home Wi-Fi network (2.4GHz only).



Figure 3: A smartphone displaying the control interface for the Avant NEO Smart Wi-Fi Switch, illustrating app-based control.

OPERATING INSTRUCTIONS

The Avant NEO Smart Wi-Fi Switch offers multiple ways to control your lighting.

Touch Control

- Simply touch the sensitive panel on the switch to turn the connected light on or off.
- An LED indicator light is present to facilitate night viewing, providing convenience and safety in low-light conditions.



Figure 4: A detailed view of the Avant NEO Smart Wi-Fi Switch's touch-sensitive surface, highlighting the illuminated ring and Wi-Fi icon.

App Control

- Use the Avant application on your smartphone or tablet to remotely control the switch from anywhere with an internet connection.
- **Scheduling and Timers:** Program specific times for your lights to turn on or off, enhancing comfort and security, whether to simulate presence or automate your daily routine.
- **Scene Creation:** Create custom scenes and automations within the app to control multiple smart devices simultaneously.

Voice Control

- The switch is compatible with Amazon Alexa and Google Assistant.
- Once integrated, you can control your lights using simple voice commands (e.g., "Alexa, turn on the living room light" or "Hey Google, turn off the bedroom light").

MAINTENANCE

The Avant NEO Smart Wi-Fi Switch is designed for durability and requires minimal maintenance.

- **Cleaning:** To clean the tempered glass panel, gently wipe it with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these may damage the finish.
- **Environmental Protection:** The switch has an IP20 rating, meaning it is protected against solid objects larger than 12.5mm (e.g., fingers) but offers no protection against water. Ensure it is installed in a dry indoor environment.
- **Longevity:** The switch has a rated lifespan of 25,000 cycles, ensuring long-term reliable operation.

TROUBLESHOOTING

If you encounter issues with your Avant NEO Smart Wi-Fi Switch, please refer to the following common troubleshooting steps:

- **Switch Not Responding to Touch:**
 - Check if the circuit breaker is on and the switch is receiving power.
 - Ensure the wiring connections are secure.
 - Briefly turn off and then on the power at the circuit breaker to reset the switch.
- **Cannot Connect to Wi-Fi / App Control Not Working:**
 - Ensure your Wi-Fi network is 2.4GHz. The switch does not support 5GHz networks.
 - Check your Wi-Fi signal strength at the switch's location.
 - Restart your Wi-Fi router.
 - Ensure the Avant app is updated to the latest version.
 - Try re-pairing the switch with the app (refer to app instructions for pairing mode).
- **Voice Control Not Working:**
 - Verify that the switch is successfully connected to the Avant app and can be controlled via the app.
 - Ensure your voice assistant (Alexa/Google Assistant) is properly linked to your Avant account.
 - Check your voice assistant's device list to confirm the switch is recognized.
 - Try re-syncing devices through your voice assistant's app.

SPECIFICATIONS



Figure 5: Technical diagram illustrating the dimensions (height and width) and key specifications of the Avant NEO Smart Wi-Fi Switch.

Feature	Specification
Brand	Avant
Model Number	291005050
Color	Black
Product Height	12 cm (4.72 inches)
Product Width	33.8 mm (1.33 inches)
Product Length (Depth)	7.23 cm (2.85 inches)
Voltage	Bivolt 110-240Vca
Power Source	Corded Electric
Material	Acrylonitrile Butadiene Styrene (ABS) and Glass

Feature	Specification
Product Weight	100 g (3.53 ounces)
Operation Mode	On-Off (Touch)
Current Rating	10 Amperes
Contact Type	Normally Open
Connector Type	Plug In
IP Rating	IP20
Lifespan	25,000 cycles
Frequency	50/60Hz
Mounting	Wall (4x2 format)
Output Power	300W (Max)

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Avant NEO Smart Wi-Fi Switch, please contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.

For further assistance, refer to the official Avant website or contact their customer service department.