MyGrid Switch — MG11AZ
User Guide

TRADE SECRET

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Introduction

The OATI MyGrid Switch is a powerful, simple and cost-effective, solution for you and your utility to monitor and manage energy consumption. It pairs with the OATI GridPort to form a wireless Home Area Network (HAN). This connection combined with the associated web and mobile applications provides you with a convenient means to monitor and control your connected appliances. The MyGrid Switch is designed for ease of installation, so you can quickly install it yourself. Installation instructions are included in this manual.

Before You Begin

Before installing a MyGrid Switch, install the GridPort provided to you by your utility. Installation instructions are included with your Gridport.

Package Contents

- MyGrid Switch
- User Guide

Helpful Terms

- Home Area Network (HAN) - Network of devices in your home

Getting to Know Your MyGrid Switch

1. **Device Button** – The device has a single button that allows for turning on and off the MyGrid Switch outlet and also resetting the device.
2. **Power LED** – Lights if there is power at the front swivel outlet.
3. **HAN LED** – Displays connectivity status with the MyGrid Switch.
4. **Swivel Plug** – Allows you to install your MyGrid Switch when using in tight spaces or with odd sized plugs
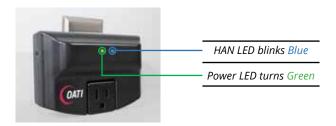
Getting Started

1. Open the **MyGrid mobile app** that you downloaded when you installed your GridPort.

2. From the device list, **select** the **MyGrid Switch.**

3. Follow the **onscreen instructions** to install the MyGrid Switch and pair it with your GridPort (for reference, the instructions are also presented below).

Installing and Pairing the MyGrid Switch

1. Plug the MyGrid Switch into the electrical wall outlet that provides power to the appliance approved by your utility (e.g., window air conditioner). Do not plug the appliance into the MyGrid Switch yet.

2. Press the Device Button for 5 seconds to initiate pairing mode

HAN LED blinks Blue

Power LED turns Green

When the HAN LED blinks Blue, the device is ready to pair with your GridPort. The MyGrid Switch remains in pairing mode for 15-minutes. Perform the next steps within this time.

3. Return to the MyGrid mobile app, and click on the "Click Here to Pair" button to pair the MyGrid Switch with your GridPort.

4. Once the MyGrid Switch is successfully paired with your GridPort, plug the power cord for the approved appliance into the MyGrid Switch.

Other MyGrid Switch Features/Functions

On/Off
Press and release the **device button** to turn the MyGrid Switch on and off.

Factory Reset
Press and hold the **device button** for at least **10 seconds** to reset the MyGrid Switch. This will clear all data from the device memory. Only reset if advised by utility/support.

The Power LED will flash green twice indicating that the factory reset has begun.

When the HAN LED (blue) turns off, the factory reset is complete. If it is already off at the beginning, then the reset will be complete after the HAN LED flashes and then turns off.

Pairing Mode:
To troubleshoot the device, **Press and hold** the **device button** for **5 seconds** to initiate a pairing mode. When the Power LED flashes green once, the button can be released. The MyGrid Switch must be in pairing mode for the GridPort to discover and pair with the MyGrid Switch.

UL Listing Information

Specifications

Size
- 3.25" H x 4.75" W x 1.5" D

Home Area Network
- ZigBee

Power Ratings
- 15A 120V
- Inrush Current: 80 Amps

Electrical Measurement Capabilities (Targeted)
- Volts, Amps, Watts = 0.5% accurate
- Hz = +/-0.02Hz accurate

Environmental Conditions
- Operating Temperature:
  0°C to 60°C
- Storage Temperature:
  -40°C to 85°C
- Relative Humidity:
  20% to 90% non-condensing

Safety Precautions

1. Do not plug the MyGrid Switch into a power strip or extension cord.

2. Do not use the MyGrid Switch in a damp location, such as a wet basement or a bathroom.

3. Always unplug the appliance from the MyGrid Switch before removing the MyGrid Switch from the power outlet.

4. Do not pull on the cord of a connected appliance to rotate the swivel plug on the MyGrid Switch. Hold the plug portion of the appliance cord, then rotate.

Federal Communications Commission (FCC)

Pursuant to Part 15 of the FCC Rules, this equipment has been tested and complies with the limits for a Class B digital device. These limits are designed to provide reasonable protection, in a residential installation, against harmful interference to radio communications. This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment causes interference to radio and television reception, which can be determined by turning the equipment off and on, the user may try to correct the interference with one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the distance between the equipment and the receiver.
• Connect the equipment to an outlet on a different circuit than that to which the receiver is connected.
• Consult the radio/television dealer or an experienced radio/television technician for help.

This device complies with Part 15 of the FCC Rules. Operation of this device is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) this device must accept any received interference, including interference that may cause undesired operation.

This device complies with FCC radiation exposure limits for an uncontrolled environment. It should be installed and operated with a minimum distance of 20cm between the device and your body.

This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

This device may contain an FCC-certified transmitter module (CTM). The FCC ID for the module, if applicable, is located on the back on the bottom of the device.

Changes or modifications to the device not expressly approved by SmartGuard L.L.C. could void the user's authority to operate the equipment.

Industry Canada Notices

This device complies with Industry Canada's license-exempt RSSs. Operation of this device is subject to the following two conditions: (1) This device may not cause interference; and (2) this device must accept any interference, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage; (2) l'utilisateur de l'appareil doit acceptar tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

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