Required System Parts:
Swidget Wi-Fi Control + USB Charger Insert..……P/N: L-WI001UWA-1

Along with (1) Swidget Device (sold separately):
Swidget 20A Outlet……P/N: L-R1020SWA-1
Swidget Switch……..P/N: L-S16001WA-1
Swidget Dimmer Switch……..P/N: L-SD3001WA-1

Installation Instructions
Swidget Wi-Fi Control + USB Charger Insert

SWIDGET® POWER TO LIVE SMART

When paired with a Swidget Device, the Wi-Fi Control + USB Charger Insert allows the user remote control and the ability to monitor power used by the device. Users can also charge or power a USB device plugged into the USB charger. The Wi-Fi Control Insert connects to your home's wireless router via the Swidget App (Android and IOS).

FEATURES
- Remote ON/OFF control via a wireless router
- Manual ON/OFF control via front panel push button
- Independent power monitoring
- Wi-Fi Compatible
- USB Power – 5VDC@2A (BC1.2)

READ ALL INSTRUCTIONS BEFORE INSTALLING SYSTEM.
Before beginning installation, it is recommended to turn off the power at the circuit breaker or fuse and test that the power is off before installing or removing.

This Insert can be installed in a Swidget Device ONLY.

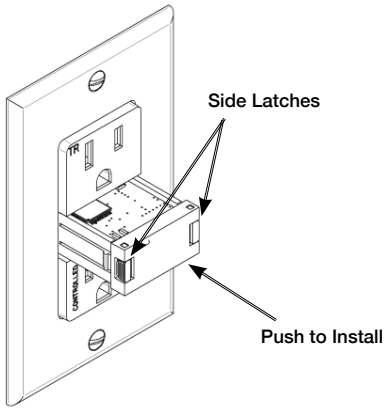
1. Orient the Insert to line up with the pins in the device cavity.
   NOTE: alignment pins will prevent incorrect installation.
2. Push Insert into the device cavity until the two side latches engage.
3. Re-enable power to the circuit breaker.
4. For first time installation, the Insert LED will blink white for approximately 30 seconds to prepare the device. Insert will blink green when ready for network pairing. For Inserts being moved, the Insert will power up with the previous location settings.
5. Download the Swidget App from the IOS App or Google Play Store.

MANUAL OUTLET SWITCHING – Works with connected insert only
1. Tap Insert button to toggle state of outlet ON or OFF.

WI-FI NETWORK PAIRING
1. Press Insert button and hold for 12-15 seconds until the Insert LED turns solid RED, then release. LED will begin to rapidly blink WHITE for approximately 30 seconds and then blink GREEN to indicate Insert is in DISCOVERY MODE and will remain in that mode for 5 minutes.
2. Login to the Swidget App and click Add Device or the + sign in the top right of the Home Screen.
3. Select the device that you want to pair. If you don't see anything on the Add New Device screen, make sure that Bluetooth is enabled on your device and that the Insert is in DISCOVERY MODE.
4. Select your Network Name from the dropdown list and enter your password. Please note that Swidget Wi-Fi inserts will not work with 5GHz network. Click Send Credentials.
5. On the Device Setup Screen, you can choose a Room from the dropdown list or enter your own for your Swidget Device. Once complete, click continue.
6. Your Swidget Insert should now be paired.

LED INFORMATION

LED DESCRIPTION	ACTION
Rapidly Blinking White	Initializing
Blinking Green x 2	Ready to pair (Discovery Mode)
Blinking Red x 2	Ready to pair (Notify Support)
Blinking Blue	Pairing
Blinking Orange x 2	Reconnecting to router
Blinking Orange x 3	Reconnecting to cloud services
Solid Green	Normal Operation (Power state is ON)



Button Press and Hold	LED State	Action
Momentary Press	-	Toggle Power
9 - 12 seconds	White	Restart Device
12 - 15 seconds	Red	Factory Reset
15+ seconds	-	No Action

IMPORTANT SAFETY INSTRUCTIONS

WHILE NOT REQUIRED, IT IS RECOMMENDED TO AVOID ANY RISK OF SHOCK OR DEATH, TO TURN OFF POWER AT THE CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE INSTALLING OR REMOVING ANY INSERT.

- Not for use to control medical or life support equipment.
- For INDOOR use only.
- Insert can only be installed in one orientation and rear alignment pins prevent incorrect installation. Do not forcibly install an Insert.
- When using with a Swidget Outlet, do not use Wi-Fi connected devices to control electric heaters or any other appliances which may present a hazardous condition due to unattended, unintentional, or automatic power control.
- Double check any external Wi-Fi settings for accuracy before using them.
- Requires a wireless router and internet connection for device setup.
- Actual wireless performance in a home depends on the numbers of walls-obstacles between the Insert and the wireless router.
- For devices with batteries: to reduce the risk of overheating, fire or battery explosion during recharging, consult the manufacturer's charging instructions to check compatibility.

Save these instructions for future reference.

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Class 2

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Required System Parts:
Swidget Wi-Fi Control + USB Charger Insert…… P/N: L-WI001UWA-1

Swidget App Instructions

Along with (1) Swidget Device (sold separately):
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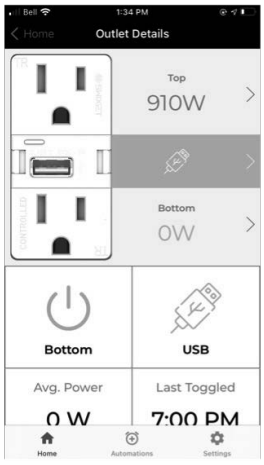
Swidget Dimmer Switch……..P/N: L-SD3001WA-1

Home Screen
Once connected, your Swidget device will show up as tiles on your Home Screen. This page is a snapshot of your Swidget devices providing access to the controllable features of your device, and allowing you to monitor important sensor information, such as the amount of energy each device is consuming, temperature and humidity readings, occupancy status, and much more.



SWITCH/OUTLET DETAILS SCREEN
The product details screens shown above gives more details and control of your individual connected products. Here you can toggle your lights, outlet, or other controllable device on or off, view important energy details, and more. Clicking on either of the tiles to the right of the device image, allows you to configure your device, view aggregate energy information, or calibrate your Outlet.

HOW TO: UPDATE YOUR FIRMWARE
When a firmware update is available, you will see a notification icon on the Settings gear at the bottom of the Home Screen. Click on it to enter the Settings screen.

Click Update beside each individual Insert or select Update All. The update will take about a minute to complete.

HOW TO: CALIBRATE YOUR SWIDGET OUTLET
The following instructions apply to the 20 Amp Swidget Outlet.

1. On the Outlet Details screen, click on either of the power readings beside the image of the Outlet.
2. Click the middle icon on the top bar.
3. To set up power monitoring, plug-in the appliance(s) to be monitored.
4. Make sure each appliance is powered on and in its normal operating state.
5. Recalibrate as often as needed as your appliance configuration changes.

HOW TO: CREATE A SCHEDULE
Follow the directions below to create a Schedule in the Swidget App. Make sure that before you start, you have installed at least one Swidget Insert**.**

1. Select the Automations icon in the middle of the bottom menu.
2. Click the + sign in the top right and choose Schedule.
3. Choose a descriptive name for your schedule.
4. Select a Start Action and Time. This can be an exact time or relative to Sunrise and Sunset. NOTE: Sunrise and Sunset times are determined using your smart device's GPS location.
5. Choose an End Action and Time.
6. Select the Days on which you would like the schedule to be active. You can choose Every Day or on Specific Days.
7. Finally, click Save Schedule to finalize your selections.

HOW TO: CREATE AN AUTOMATION OR RULE
Follow the directions below to create a Rule in the Swidget App. Make sure that before you start, you have installed at least one Swidget Insert**.**

1. Select the Automations icon in the middle of the bottom menu.
2. Click the + sign in the top right and choose Rule.
3. Choose a descriptive name for your Rule.
4. Click the + beside Select Trigger, then choose a Device. The triggers available will be listed. Choose one.
5. Choose Send Notification if you would like to receive a notification when the trigger you selected has occurred.
6. You can add multiple Actions.
7. Next, you can Add Start/End Time in between which the Rule will be enabled. This can be an exact time or relative to Sunrise and Sunset. NOTE: Sunrise and Sunset times are determined using your smart device's GPS location.
8. Select the Days on which you would like the rule to operate. You can choose Every Day or on Specific Days.
9. Finally, click Save Rule to finalize your selections.

HOW TO: CREATE A NOTIFICATION
Follow the directions below to create a Notification in the Swidget App. Make sure that before you start, you have installed at least one Swidget Insert.

1. Select the Automations icon in the middle of the bottom menu.
2. Click the + sign in the top right and choose Rule.
3. Choose a descriptive name for your Rule.
4. Click the + beside Select Trigger, then choose a Device. The triggers available will be listed. Choose one that you want to be notified about. Ex: When the Controlled Outlet power consumption exceeds 500W for 10 minutes.
5. Choose Send Notification.
6. You can Add Start/End Time in between which the Rule will be enabled. This can be an exact time or relative to Sunrise and Sunset. NOTE: Sunrise and Sunset times are determined using your smart device's GPS location.
7. Select the Days on which you would like the rule to operate. You can choose Every Day or on Specific Days.
8. Finally, click Save Rule to finalize your selections.

Save these instructions for future reference.

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Class 2

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