

LINKSYS

HA1000- Staples Connect
User Guide



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Overview

Staples Connect hub is a home/office automation solution. With the Staples Connect hub a universal wireless hub to use with an application. Control automated lighting, environmental systems and Security & Monitoring equipment from any Smartphone, tablet or PC from wherever you are.



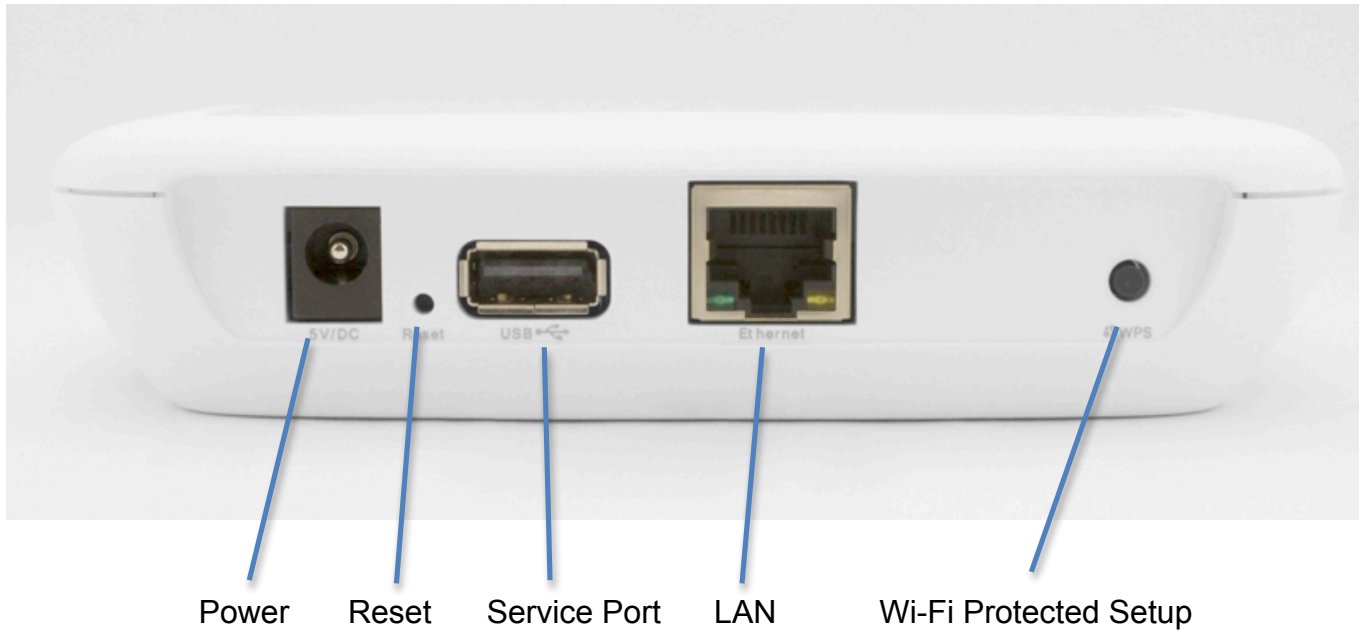


Major Features

- Supports 3 Types of technology:
 - 802.11n
 - Z-Wave
 - Lutron Clear Connect
- Security- WEP, WPA2 Personal, WPS
- 1-10/100Mbps LAN port
- Manages certified devices such as: Locks, Lights, Doorbell, Cameras, Outlets, Shades, Sensors, Fans, Appliances, Garage, Rooms
- One application to manage and configure using your Smartphone or Tablet

Ports and Buttons





Registration Number



Registration Number for account creation

Specifications

- Three types of technology in one product. Meaning 3 different types of clients can connect to the Staple Hub
 - **Z-Wave (900MHz)**- Wireless communication designed for home automation to control apps.
 - Drawbacks: Same frequency as cordless phones and other consumer electronic like remote controls, smoke alarms, security sensors.etc..any product that uses this frequency.
 - Does not interfere with Wi-Fi or Bluetooth since they use the 2.4GHz or 5GHz band
 - Range approx. up to 100ft
 - **Lutron Clear Connect**- 433MHz
 - **Wi-Fi 2.4GHz IEEE 802.11 b/g/n**
- WEP, WPA2 Personal, WPS
- 1-10/100Mbps port to connect back to the existing network
- Reset button
- USB port has no function. For engineering purposes only
- Power: DC 5V/2A
- 800MHz ARMv5TE CPU based SoC utilizing Marvell 88F6192
- 1Gb (64Mb x 16bit) 400MHz DDR2 DRAM
- Sigma Design ZM3102 Z-Wave Module
- Freescale MC9S08 Micro Controller
- Marvell 88W8782 Wi-Fi SoC
- 3 PIFA antennas (WiFi, Z-Wave & ClearConnect)

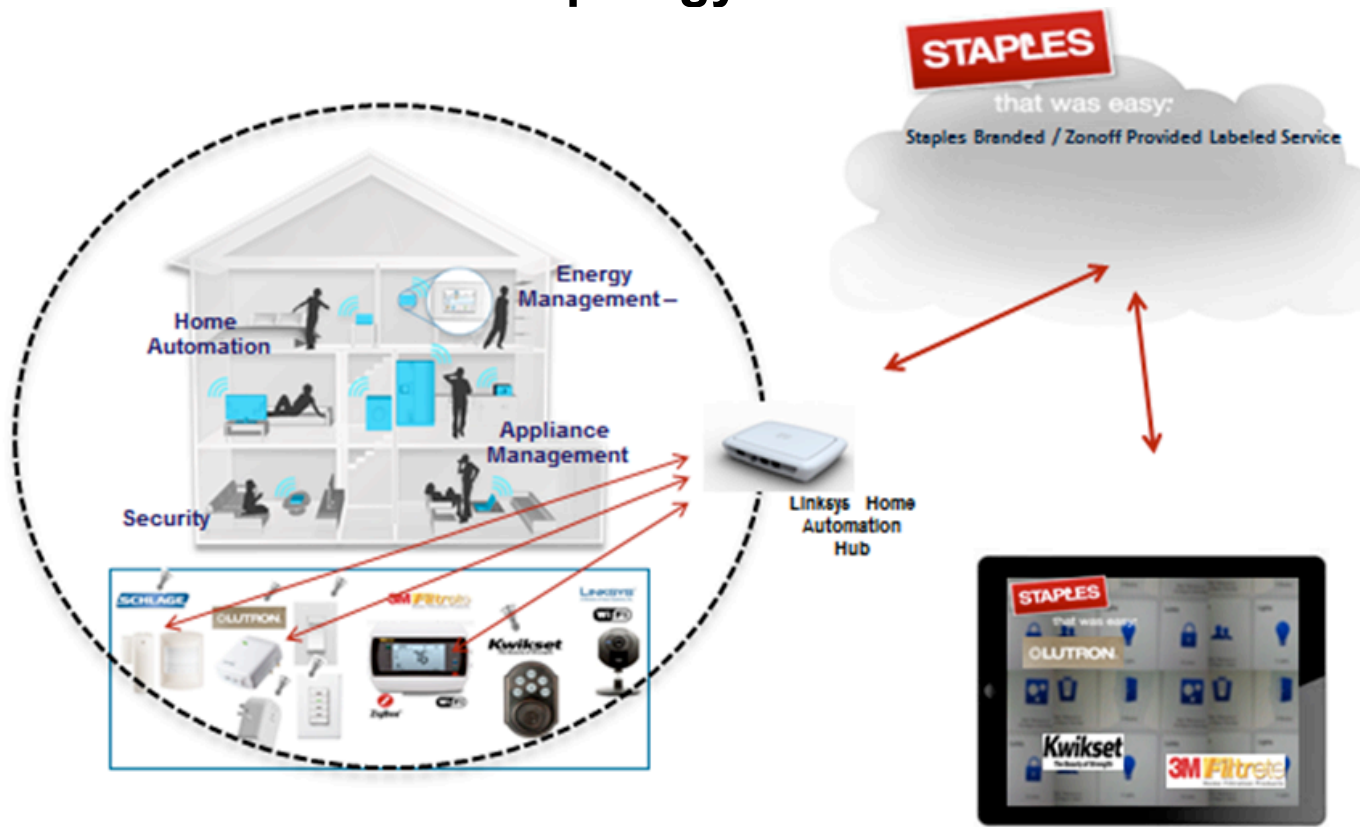
LED Behavior

- During initial boot, LED will light up amber, one by one until all three LEDs are amber. All LEDs will turn blue once the system is up and running

	LED1 (Power)	LED2 (ZWave LED)	LED 3 (Cloud/Internet)
Description	Initial boot process, Filesystem & Update Status)	Initial boot process, Diplomat Software Status)	Initial boot process, Internet Connection / RAS Connection)
Color	Blue - Successful bootup Blue/Amber alternating – Firmware update in process Amber fast flashing – Micro Access Point starting Amber slow flashing – Micro Access Point enabled	Blue -Successful bootup Amber - Z-Wave radio error Amber flashing – Z-Wave radio firmware error	Blue - Successful Internet Connection Amber -Ethernet port not connected Amber slow flashing – No router detected Blue fast flashing – Has Internet access, need port forwarding



Topology





With Staples® Connect and any smartphone, tablet or PC, you have the ability to remotely control all of your enabled electronics with one easy-to-use app. This gives you the freedom to control all of your favorite home brands. Plus they can communicate with each other for a wholly integrated and automated home.

Get connected—it's easy!

- Buy the Staples Connect Hub
- Select enabled devices compatible with Staples Connect
- Download the free Staples Connect App



zonoff

Box Contents

Item	Comment
HA1000	Included
Setup CD	Included
Quick Start Guide	Included
Ethernet Cable 1 RJ-45 Cat5e	Included
Power Adapter	Included
Regulatory and Warranty Insert	Included

Quick Setup Guide

Congrats! You just made the smart choice in connecting your home with Staples® Connect.

Here's how to get started:

1



or



Download & Install the Staples® Connect app or visit www.staples.com/staplesconnectapp

2



Launch the Staples® Connect app and you will be guided through the setup of the hub and devices.



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8820-01631A

Certified 3rd Party Device List

Description	Vendor	Model / SKU #
Belkin Hub	Belkin	
D-Link DSC 942L Day/Night	D-Link	DSC2132L
D-Link 5020L Pan/Tilt/Zoom	D-Link	DSC5020L
D-Link DSC 933L Day/Night	D-Link	DSC9933L
Ivee	Ivee	
Philips Hue Kit	Philips	431643
Philips Hue Blubs	Philips	
Aeon Labs Z-Wave Water Sensor	Aeon Labs	DSB45
Aeon Labs Z-Wave Power strip	Aeon Labs	DSC11
Aeon Labs Z-Wave Range Extender	Aeon Labs	DSD37
Switch AspireRF SP 15A 120V BK	Cooper	RF9501DBK
Switch AspireRF SP 15A 120V LA	Cooper	RF9501DLA
Switch AspireRF SP 15A 120V W	Cooper	RF9501DW
Switch AspireRF Access 120V BK	Cooper	RF9517DBK
Switch AspireRF Access 120V LA	Cooper	RF9517DLA
Switch AspireRF Access 120V W	Cooper	RF9517DW
Dim AspireRF Mst1000WIncMlv BK	Cooper	RF9536-NDBK
Dim AspireRF Mst1000WIncMlv LA	Cooper	RF9536-NDLA
Dim AspireRF Mst1000WIncMlv W	Cooper	RF9536-NDW
Dim AspireRF Mstr All-Load BK	Cooper	RF9540-NDBK
Dim AspireRF Mstr All-Load LA	Cooper	RF9540-NDLA
Dim AspireRF Mstr All-Load W	Cooper	RF9540-NDW
Dim AspireRF RF Access Neut BK	Cooper	RF9542-ZDBK
Dim AspireRF RF Access Neut LA	Cooper	RF9542-ZDLA
Dim AspireRF RF Access Neut W	Cooper	RF9542-ZDW
Rec AspireRF Split 15A125V AW	Cooper	RFTR9505-TAW
Rec AspireRF Split 15A 25V BK	Cooper	RFTR9505-TBK
Rec AspireRF Split 15A125V DS	Cooper	RFTR9505-TDS
DoorBot	DoorBot	88D100TA000
EcoLink Door/Window Sensor	EcoLink	DW-zwave2
EcoLink Motion Sensor	EcoLink	PIR-zwave2
EcoLink Tilt Sensor	EcoLink	TLT-zwave2
Honeywell Z-Wave	Honeywell	RTH8580ZW
First Alert Smoke/CO2 Detector	Jarden	Zcombo-G
GE/Jasco lamp module	Jasco	45602
GE/Jasco appliance module	Jasco	45603

GE/Jasco Outdoor module	Jasco	45604
Leviton Matching Dimmer Remote	Leviton	001-VP00R-1LZ
Leviton Coordinating Dimmer Remote	Leviton	011-VP00R-10Z
Leviton 1.5A Scene Capable in wall Quiet Fan Speed Controller - 3 speed	Leviton	031-VRF01-1LZ
Leviton 600W Scene Capable Incandescent in wall dimmer	Leviton	031-VRI06-1LZ
Leviton 15A Scene Capable Split Duplex TR receptacle	Leviton	031-VRR15-1LZ
Leviton 15A Scene Capable in wall switch	Leviton	031-VRS15-1LZ
Lutron Claro 1-Gang Wallplate, Black	Lutron	CW-1B-BL
Lutron Claro 1-Gang Wallplate, Ivory	Lutron	CW-1B-IV
Lutron Claro 1-Gang Wallplate, Light Almond	Lutron	CW-1B-LA
Lutron Claro 1-Gang Wallplate, Stainless Steel	Lutron	CW-1B-SS
Lutron Claro 1-Gang Wallplate, White	Lutron	CW-1-WH
Lutron Claro 2-Gang Wallplate, Black	Lutron	CW-2B-BL
Lutron Claro 2-Gang Wallplate, Ivory	Lutron	CW-2B-IV
Lutron Claro 2-Gang Wallplate, Light Almond	Lutron	CW-2B-LA
Lutron Claro 2-Gang Wallplate, White	Lutron	CW-2B-WH
Lutron Claro 3-Gang Wallplate, Black	Lutron	CW-3-BL
Lutron Claro 3-Gang Wallplate, White	Lutron	CW-3B-WH
Lutron Claro 3-Gang Wallplate, Ivory	Lutron	CW-3-IV
Lutron Claro 3-Gang Wallplate, Light Almond	Lutron	CW-3-LA
Lutron Claro 4-Gang Wallplate, Black	Lutron	CW-4-BL
Lutron Claro 4-Gang Wallplate, Ivory	Lutron	CW-4-IV
Lutron Claro 4-Gang Wallplate, Light Almond	Lutron	CW-4-LA
Lutron Claro 4-Gang Wallplate, White	Lutron	CW-4-WH
Lutron Pico Tabletop Pedestal Stand, Black	Lutron	L-PED1-BL
Lutron Pico Tabletop Pedestal Stand, White	Lutron	L-PED1-WH
Lutron Wireless Sunata Tabletop Pedestal Double-Stand, Black	Lutron	L-PED2-BL
Lutron Wireless Sunata Tabletop Pedestal Double-Stand, White	Lutron	L-PED2-WH
Lutron Sunata Wireless 300 Watt Plug-In Lamp Dimmer, White	Lutron	PD-3PCL-WH
Lutron Wireless Sunata 600 Watt Dimmer, Black	Lutron	PD-6WCL-BL
Lutron Wireless Sunata 600 Watt Dimmer, Ivory	Lutron	PD-6WCL-IV
Lutron Sunata Wireless 600 Watt Dimmer, Light Almond	Lutron	PD-6WCL-LA
Lutron Sunata Wireless 600 Watt Dimmer, White	Lutron	PD-6WCL-WH
Lutron Pico Car Visor Clip	Lutron	PICO-CAR-CLIP
Lutron Pico Wallplate Bracket	Lutron	PICO-WBX-ADAPT
Lutron Pico On/Off Remote Control, Black	Lutron	PJ2-2B-GBL-L01
Lutron Pico On/Off Remote Control, Light Almond	Lutron	PJ2-2B-GLA-L01
Lutron Pico On/Off Remote Control, White/Gray	Lutron	PJ2-2B-GWG-L01
Lutron Pico On/Off Remote Control, White	Lutron	PJ2-2B-GWH-L01
Lutron Pico Remote Control, Black	Lutron	PJ2-2BRL-GBL-

		L01
Lutron Pico Remote Control, Ivory	Lutron	PJ2-2BRL-GIV-L01
Lutron Pico Remote Control, White/Gray	Lutron	PJ2-2BRL-GWG-L01
Lutron Pico Remote Control, Light Almond	Lutron	PJ2-2BRL-LA-L01R
Lutron Pico Remote Control, White	Lutron	PJ2-2BRL-WH-L01R
Lutron Pico Remote Control with Favorite Setting, Black	Lutron	PJ2-3BRL-GBL-L01
Lutron Pico Remote Control with Favorite Setting, Ivory	Lutron	PJ2-3BRL-GIV-L01
Lutron Pico Remote Control with Favorite Setting, White/Gray	Lutron	PJ2-3BRL-GWG-L01
Lutron Pico Remote Control with Favorite Setting, Light Almond	Lutron	PJ2-3BRL-LA-L01R
Lutron Pico Remote Control with Favorite Setting, White	Lutron	PJ2-3BRL-WH-L01R
Lutron Pico Remote Wallmount Kit	Lutron	PJ2-WALL-WH-L01
Lutron Sunata Wireless Plug-In Lamp Kit, White	Lutron	P-PKG1P-WH
Lutron Sunata Wireless Dimmer Kit, White	Lutron	P-PKG1W-WH
Starter Kit 1: Hub + appliance module	Multiple	
Kit Two: Monitoring: Hub + 933Lcamera + DW sensor + smoke detector + water sensor	Multiple	
Kit Three: Lighting: Hub + plug in + in wall + pico	Multiple	
Schlage Z-Wave deadbolt (satin nickel)	Schlage	BE469NXCAM619
Schlage Z-Wave deadbolt (aged bronze)	Schlage	BE469NXCAM716
Schlage Z-Wave deadbolt (satin nickel)	Schlage	BE469NXCEN619
Schlage Z-Wave Lever Handle (satin nickel)	Schlage	FE599NXCAM619
Schlage Z-Wave Lever Handle (aged bronze)	Schlage	FE599NXCAM716
Yale Lock Push button deadbolt Brass	Yale	YRD210-ZW-605
Yale Lock Push button deadbolt Satin Nickel	Yale	YRD210-ZW-619
Yale Lock Touchscreen deadbolt Brass	Yale	YRD220-ZW-605
Yale Lock Touchscreen deadbolt Nickel	Yale	YRD220-ZW-619
Yale Lock Push Button deadbolt Bronze	Yale	YRD220-ZW-OBP
Yale Lock Touchscreen deadbolt Bronze	Yale	YRD220-ZW-OBP
Yale Lock <u>Key Free</u> Touchscreen deadbolt Bronze	Yale	YRD240-ZW-OBP
Yale Lock <u>Key Free</u> Touchscreen deadbolt Brass	Yale	YRD240-ZW-605
Yale Lock <u>Key Free</u> Touchscreen deadbolt Nickel	Yale	YRD240-ZW-619