

Product Brief ZBWS3B—Model #4037A



ZBWS3B - Portable/Mountable Switch Controllers

This versatile switch is available in a single, dual or triple configuration and operates from two AAA alkaline cells for up to 2 years. Use it to control any ZigBee® device capable of on/off control such as the SimpleHomeNet or other load controllers.



The device can be mounted on a wall or used as a portable remote controller anywhere in the range of the home automation network. When not in use, the device goes to sleep to conserve battery life until any of its switches is pressed. Each button can be programmed (using a ZigBee unit capable of switch configuration) to be on/off or toggle..

Benefits

- Remotely controls any ZigBee® device that uses the on/off cluster. This includes lights, pumps, pool heaters, electric vehicle chargers, air conditioners, etc.
- Can be bound easily to control devices even without the use of a network controller.
- Uses ZigBee®, a wireless RF protocol that is rapidly becoming the standard for energy management. Enables appliances to become part of the smart ecosystems of tomorrow.
- Small size and wireless operation means easy retrofit ability and low installation cost. Use with ZigBee® appliances to eliminate copper conduits otherwise needed for switch wiring.
- Tested to FCC standards.
- ZigBee certified.

SPECIFICATIONS:

Electrical & Environmental	
Operating Voltage:	Two AAA batteries (1.5V)
Communication Range:	Up to 100 ft. indoors, 200 ft LOS.
Temperature:	-10—55 degrees Centigrade
Humidity:	95% RH
Mechanical	
Size:	3.25" L X 3.25" W X 0.5" H
Weight:	4Oz.
Mounting:	Can be mounted at user's convenience through provided surface adhesive mounts
Operation	
ZigBee function:	ZigBee Pro End device

ZigBee Profile:

ZBWS3B uses the Home Automation profile, enabling inter-operability with HA certified devices from other manufacturers.

The Simplehomenet Manufacturer ID issued by the ZigBee Alliance is 0x1075

Details for the HA clusters implemented can be found below:

Commands to these clusters follow the specifications of the ZCL document.

HA Profile (0x0104)

ZigBee Device ID: 0x0000 (On/Off Switch)

Cluster ID:	Cluster	Client/Server	Description
0x0000	Basic	Server	Attributes for determining basic information and setting and enabling device
0x0004	Groups	Server	Attributes and commands for group configuration and manipulation
0x0005	Scenes	Server	Attributes and commands for scene configuration and manipulation
0x0006	On/Off	Client	Attributes and commands for switching device. Commands: 0x00—Off 0x01—On 0x02—Toggle
0x0007	On/Off Switch Configuration	Server	Attributes and Commands for configuring switching devices

