Building**36**

Hub
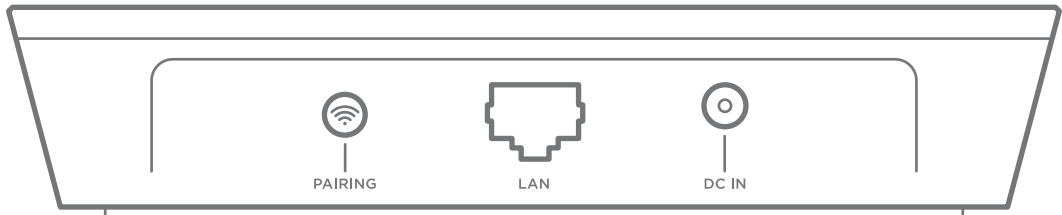**Product Manual**

Set Up

Required

• Standard home router with active Internet connection

• Z-Wave devices to be installed

Indicator Lights

White	**Green**	**Orange**
Flashing: no internet connection, or, not connected to the Building 36 servers	**Flashing**: Inclusion mode	**Flashing**: Exclusion mode
	Solid: Successful Inclusion	**Solid**: Successful Exclusion
Solid: internet connection, connected to the Building 36 servers		

TIP: To exit Inclusion/Exclusion mode, press the Pairing button (⌘).

Installation

Step 1: Install the Hub

An online account is required prior to installing your Hub. If you do not have an account, contact your Building 36 Professional Partner to create one for you.

1. Plug one end of the Ethernet cable into the LAN port on the Hub. Plug the other end of the Ethernet cable into the network router.

2. Plug in the power supply to the DC IN port on the Hub.

• Indicator lights will initially flash and rotate colors during the first few seconds. Wait until only the White light stays solid or continues flashing.

• The Hub will then take up to five minutes to register with Building 36 servers.

TIP: During this time, install each Z-Wave device around the home.

Step 2: Including Z-Wave Devices (adding them to the network)

To include Z-Wave devices, each device must be within direct communication range of the Hub. For best results, we recommend having the Hub in the same room as the device you are Including.

1. If necessary, unplug the Hub to move it into direct range of the first Z-Wave device. Provide the Hub with power and wait until only a White Light stays solid or starts flashing. **It is OK to disconnect the Ethernet cable during the Inclusion/Exclusion process.**

2. Add Z-Wave Devices

• Press Pairing button (⌂) on the Hub once to put the Hub in Inclusion mode. The light will start flashing Green.

• Follow the Z-Wave device's instructions to put the device into Inclusion mode. **Most devices have an Include/Exclude button.**

• Wait for the flashing Green light to stay solid for 5 seconds to indicated the device has been successfully included.

Step 3: Complete the Installation

1. Once all devices are Included, reconnect the Hub to the network router with the Ethernet cable and plug in power supply to the Hub.

2. Log into you User Account and navigate to your dashboard.

For help, please view our online tutorials at www.building36.com/videos

Troubleshooting

Excluding Z-Wave Devices (removing them from the network)

To exclude Z-Wave devices, each device must be within direct communication range of the Hub. For best results, we recommend having Hub in the same room as the device you are Excluding.

1. Press and hold the Pairing button (⌖) for 5 seconds until the light flashes Orange to put the Hub in Exclusion mode. **While you're holding the Pairing button, the light will be flashing Green before it turns Orange.**

2. Follow the Z-Wave device's instructions to put the device into Exclusion mode. **Most devices have an Include/Exclude button.**

3. The flashing Orange light will turn solid to indicate the device has been successfully excluded.

Unsuccessful Installation

If the Z-Wave device does not add successfully, follow the device removal procedure and then try the Inclusion process again.

Notices

FCC NOTICE:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

–AND–

2. This device must accept any interference received, including Interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Notices

FCC RSS-GEN SEC 7.1.3 NOTICE:

This device complies with Industry Canada license-exempt RSS standard(s). Operation 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 of the device.

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, et (2) l'utilisateur de l'appareil doit accepter tout broillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

FCC 15.21 NOTICE:

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

IC NOTICE:

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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