Z-Wave User's Manual CTxx series

Network Inclusion/removal:

1. Set your primary controller to INCLUDE mode, to add the thermostat as a node on your network (see your specific controller's User Manual for detailed instructions.)
2. Press and release the MENU button on the thermostat.
3, Press the Mate Button - This will bring you to the network joining screen
4. If you only have 1 U-SNAP module inserted in the thermostat you will see a r1 or r2 to indicate that the radio is in slot 1 or slot 2. If you have multiple radios you can select which radio you want to join the network by selecting either r1 or r2 from the top left hand corner of the screen. When you have selected a radio, the large r1 or r2 will appear in the center of the screen.
5. When the radio is selected and the large r1 or r2 is on the center of the screen, press the mate button, this will initiate the mating process. When a device has joined a network the word "LINK" will appear under the radio tower. Similarly, when you are trying to leave a network, the word "LINK" will disappear when the node has successfully left the network.

Your controller will indicate the thermostat was successfully added to its network (see your specific controller's User Manual for details.)

For other controller specific tasks such as adding the thermostat to Scenes or Groups, or deleting the thermostat as a node, use the mate button to activate the Z-Wave® signal.

Operation

See your specific controller's User Manual for detailed instructions on operating your thermostat. If your controller supports full thermostat device class functions then the following remote features are available:
a) Up and Down Temperature Control.
b) Change between HEAT and COOL modes.
c) Read the current temperature.

Battery Power

When your thermostat is running on battery power, the Z-Wave radio will turn off to help conserve battery life. The Z-Wave radio will wake up periodically to listen for any commands, and then go back to sleep. When you press a button the thermostat, the radio will wake up to tell the controller of the changes you made.

Simple Mode/Normal Mode

The CT30 offers to modes of operation, Normal Mode and Simple mode. Normal mode is intended for use as a standalone programmable thermostat. In Normal mode the user can program the thermostat to change temperatures at various points throughout the day. Simple mode is intended for use with a larger control system - like an alarm system or home automation system. Simple mode is meant to run a single temperature constantly. This temperature can be set locally on the thermostat, or remotely using a Z-Wave U-SNAP module. To enter simple mode: Press and hold the PROG button for 10 seconds. To leave simple mode, press and hold the PROG button for 10 seconds.

FCC Regulatory Information

NOTE: 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.

Warning: Changes or modifications to this device not expressly approved by Golden Power Manufacturing could void the user's authority to operate the equipment.

OEM Users

Although this device has been found to be compliant with FCC and Industry Canada for intentional and non-intentional radio emissions, the OEM, end user or installer must insure compatibility with appropriate regulatory standards when used in the final product.

This manual must be supplied with any final product incorporating this device.

If this device is packaged with another product by the OEM, then the OEM must insure that the FCC ID and IC numbers are clearly shown through the packaging or labeled on the final product packaging.