

Manual Learning (Inclusion/Exclusion)

The ZWN-SC7 7-Button Scene Controller can include to/exclude from a Z-Wave network manually.

Press and hold the User-defined button(biggest button) of scene controller for 3 seconds
The top 2 leds will be lit up.

Press and release the top-left button, Led will drop down to the middle-left. So follow the led.
Press and release the middle-left button, Led will drop down to the bottom-left.
After you press the bottom-left button, it will run into manual learning for about 5 seconds.
All leds will flash slowly, it means scene controller is ready to be included to/excluded from Z-Wave network.

If the controller has successfully included/excluded, all leds will flash 3 times slowly. LED will flash 5 times quickly when failed.

Factory default

The scene controller supports factory default setting. It will clear the memory and the Z-Wave network ID. Be sure before reset to default.

Press and hold the User-defined button button of scene controller for 3 seconds
The top 2 leds will be lit up

Press and release the top-right button
Led will drop down to the middle-right. So follow the led??

Press and release the middle-right button
Led will drop down to the bottom-right.

After you press the bottom-right button, it will run into factory default.
All leds will be lit up. After successfully done, led will flash 3 times

Scene Activation

After Scene Controller included to a master controller and assigned the scene number, it can activate scenes of the master controller. Refer to master controller manual to implement scene assignment.

Press and release a button which has been assigned a scene of master controller
The led beside the button will flash rapidly during transfer data.

If successfully activate a scene, specified led will flash twice.
All leds will flash 5 times if transfer failed or button hasn't been assigned.

Supported command class

COMMAND_CLASS_CONTROLLER_REPLICATION
COMMAND_CLASS_SCENE_CONTROLLER_CONF

COMMAND_CLASS_ASSOCIATION
COMMAND_CLASS_VERSION
COMMAND_CLASS_MANUFACTUROR

ZWN-SC7 has 7 association groups.

Here is a sample instruction how to implement a button for a scene. Reader should better be a zwave software programmer.

1. Include the ZWN-SC7 in a z-wave gateway controller.
2. Set up an association group for ZWN-SC7. Use CC_ASSOCIATION. We suggest assign the controller's nodeID into the group for later use.
3. Use CC_SCENE_CONTROLLER_CONF to assign the scene in the gateway controller to the ZWN-SC7's button. For command SCENE_CONTROLLER_CONF_SET, parameter groupID is the ZWN-SC7's association groupID. sceneID is the identity of the scene in you gateway controller.
4. Press ZWN-SC7 button to test the scene.

We also has a zwave sniffer log for you, to help you implement the scene assignment.

If you have any more questions, contact jacob@enerwaveautomation.com