HomeTroller Zee S2 Getting Started Guide

Congratulations on your purchase! Your HomeTroller Zee S2 is ready to put you in control of your home. Please take a few minutes to read through this guide to familiarize yourself with the steps required to set up your Z-Wave network and your new HomeTroller Zee S2.

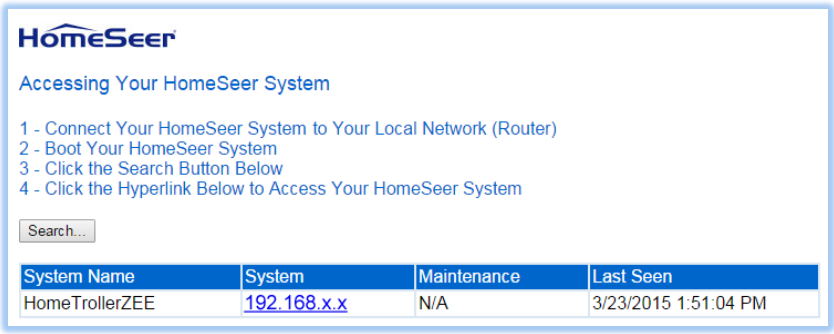
STEP #1 – HomeTroller Zee Initial Setup

Hardware Installation

1. Unpack the HomeTroller Zee, Ethernet cable and AC power supply.
2. Connect the Ethernet cable to your HomeTroller Zee and to a network port on your internet router.
3. Connect the AC power adapter to your HomeTroller Zee to begin the boot process. Allow the unit to boot fully (about 45 seconds to 1 minute).

Accessing the Web Interface

Once the unit boots, you'll need to access the web interface to set the system up. The method below should work with any web-enabled device. **We recommend using Google Chrome**


HomeSeer

Accessing Your HomeSeer System

1 - Connect Your HomeSeer System to Your Local Network (Router)
2 - Boot Your HomeSeer System
3 - Click the Search Button Below
4 - Click the Hyperlink Below to Access Your HomeSeer System

Search...

System Name	System	Maintenance	Last Seen
HomeTrollerZEE	192.168.x.x	N/A	3/23/2015 1:51:04 PM

1. Navigate to http://find.homeseer.com
2. Click the "Search" button. Your HomeSeer system should now appear at the bottom.
3. Click the IP address hyperlink to access your system's web interface.

Set Your System Password

The system password screen will appear the first time you run your HomeTroller Zee. **You MUST set a system password to prevent unauthorized access to your unit.** Please do this now by following the prompts on your screen. Choose a secure password that will also be easy for you to remember.

Activate and Register Your HomeTroller Zee Online

Be sure to activate your HomeTroller Zee and register the unit to receive HomeSeer support. To do this, make sure your unit is connected to the internet and follow these steps:

1. From the HomeTroller Zee web interface, use the pull down menus to navigate to the General Tab of the Setup Area (TOOLS > Setup)
2. Click the "Register Online" button in the License section of the Setup screen and enter your license codes. *Note: License codes are included on a sticker on the bottom of your HomeTroller Zee.*

Update Your HomeTroller Zee and Set the Time Zone

1. From the HomeTroller Zee web interface, use the pull down menus to navigate to the General Tab of the Setup Area (TOOLS > Setup). If an update is available, click the update button near to top of the page and wait for the update to download and install. Your HomeTroller Zee will automatically reboot once the update is installed.
2. Access the General Tab of the Setup Area again and scroll to the "Location" area. Find the Time Zone field and change that to time zone where your HomeTroller Zee is installed. *Example: US – America/New York*

Configuring the Wi-Fi Adapter

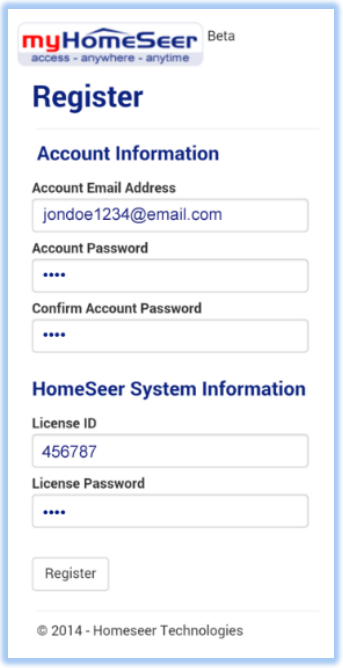
The Zee S2 comes with built in WiFi. If you wish to connect your Zee to your home network using WiFi. Follow these instructions to configure the WiFi adapter:

1. Access the Network Tab of the Setup section. Locate the Wi-Fi Settings section.
2. Enter the SSID (Wi-Fi network name) of your Wi-Fi. (This is case sensitive)
3. Choose your encryption type and enter your Wi-Fi password. Keep 'Use DHCP' checked.
4. Go to Tools->System->Shutdown System and shut the system down. Unplug the power and Ethernet cables. Now reconnect the power and let the system boot.
5. Using any browser-enabled device, access find.homeseer.com. Your WiFi connected HomeTroller Zee should now be accessible!

STEP #2 – Setting Up Remote Access

MyHomeSeer Remote ("**MyHS**") is a free cloud service that will allow you to access your HomeTroller Zee from anywhere using a browser-enabled device or our HSTouch mobile app. Follow these instructions to set up **MyHS**.

Register for MyHS



1. Navigate to https://myhs.homeseer.com/Register
2. Enter account information as shown on right. Check the sticker on the bottom of your HomeTroller Zee S2 to get your License ID and License Password.
3. Click the Register Button.
4. Check your email and click the verification link. Your MyHS account has now been created and your HomeTroller can be accessed any time at https://myhs.homeseer.com/

Configuring HSTouch Mobile App with MyHS

HSTouch Android:

1. Download and install the HSTouch mobile app from the Google Play store.
2. Launch HSTouch and choose "settings" from the **Select Server** menu.
3. Click **MyHomeSeer** and enter your MyHS username and password.
4. Launch HSTouch and choose **MyHomeSeer** when prompted.

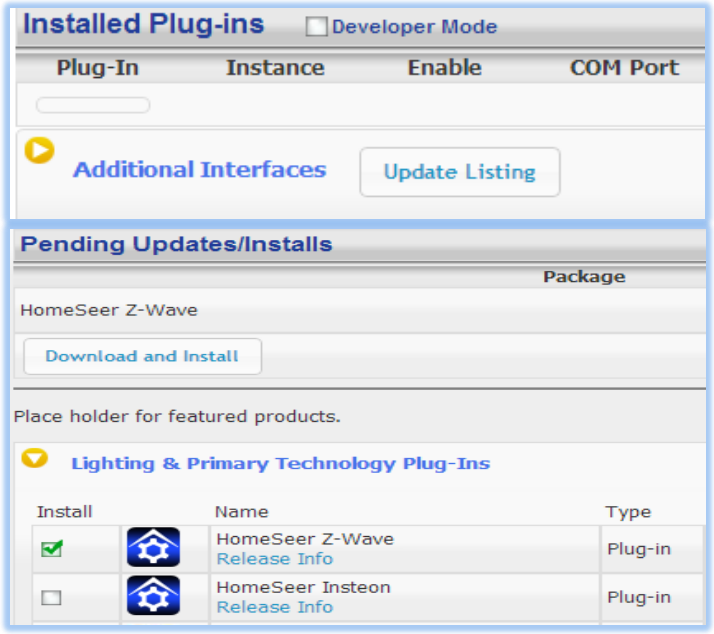
HSTouch iOS (Apple):

1. Download and install the HSTouch mobile app from the Apple App store.
2. Access Apple Settings and open HSTouch settings.
3. Enter your MyHS username and password in the **MyHomeSeer** server settings.
4. Launch HSTouch and choose **MyHomeSeer** when prompted.

STEP #3 – Installing Drivers (Plug-ins)

Your HomeSeer system was designed to work with many different home automation technologies. Each technology requires a specialized hardware interface and software driver ("plug-in"). Your HomeTroller Zee S2 includes a built-in hardware interface for Z-Wave. Other hardware interfaces must be connected externally. Follow the steps below to enable the appropriate plug-in(s) for the technologies you wish to work with:

1. From the HomeTroller web interface, open the Plug-ins menu and select Manage.
2. Click the yellow circle before *Additional Interfaces* to open the listing of plug-in categories.
3. Click the corresponding yellow circle before each category to browse the list of available plug-ins.
4. To install a plug-in, simply click the checkbox before it and then click the "Download and Install" button in the section above.
5. The installation process may take a few minutes. When done, your plug-in will now display in the "Installed Plug-ins" section at the top of the page.
6. You must now Enable the plug-in and configure it with the correct COM port or IP Address setting, depending on the type of hardware interface installed. Refer to the hardware interface manual for details.



STEP #4 - Z-Wave Network Setup

In order to control Z-Wave devices, such as light switches, thermostats, door locks and sensors, they must be included into a Z-Wave "network". Follow the steps below to create your Z-Wave network and to include devices. *Note: the steps below assume you've already physically installed Z-Wave devices in your home.*

Via Z-Tool+ (requires HS3 version 3.0.0.194 and Z-Wave version 3.0.1.23)

To begin using Z-Tool+, the app must be downloaded from within your App Store. Open either the Play Store, iTunes Store, or Windows Store and search for 'Z-Tool+'. The search will return the app and then just click Install. Click here for a more comprehensive guide to using Z-Tool+.

a) Z-Tool+ will automatically find your system(s). Click Select a System if you have more than one local system.
b) Select the Add or Remove action you wish you complete.
c) Activate the network button (or button sequence) on your Z-Wave device and observe the inclusion process in the log window. Once removed a confirmation will show in the log.
d) Once the Add process is finished a window will pop up to name and change the location attributes of the device.
e) Your device can now be controlled via HSTouch or HS3 Web Control.

Via Web Control Page

***Adding Z-Wave Devices** (wall switches, receptacles, plug-in modules, sensors, door locks, etc)*

a) From the web interface, use the pull down menus and navigate to the Z-Wave Controller Management page (PLUG-INS > Z-Wave > Controller Management).
b) Locate the "Z-Wave Interfaces" area and expand your Z-Wave Controller section. Open the "Actions:" menu and choose "Add/Include a Node".
c) Click the 'Start' button below the Actions menu. Your HomeTroller is now in inclusion mode and is ready to communicate with your device.
d) Activate the network button (or button sequence) on your Z-Wave device and observe the inclusion process in the green log window. When done, you'll receive an acknowledgement such as "Finished with Replication

process" and a "Close" button will appear above the log window. Your Z-Wave device is now included into your Z-Wave network and can be controlled with your HomeTroller!

Removing (or resetting) Z-Wave Devices

Follow this procedure if you have difficulty adding a device or if you wish to remove a device from your network.

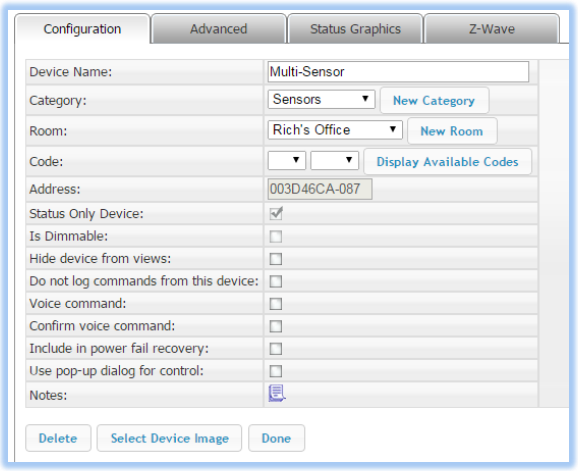
e) From the web interface, use the pull down menus to navigate to the Z-Wave Controller Management page (PLUG-INS > Z-Wave > Controller Management).
f) Locate the "Z-Wave Interfaces" area and expand your Z-Wave Controller section. Open the "Actions:" menu and choose "Remove/Exclude a Node".
g) Click the 'Start' button below the Actions menu. Your HomeTroller is now in deletion mode and is ready to communicate with your device.
h) Activate the network button (or button sequence) on your device and observe the deletion process in the green log window. When done, you'll receive an acknowledgement such as "Finished with Replication process". Your Z-Wave device has been reset and is removed from your Z-Wave network!

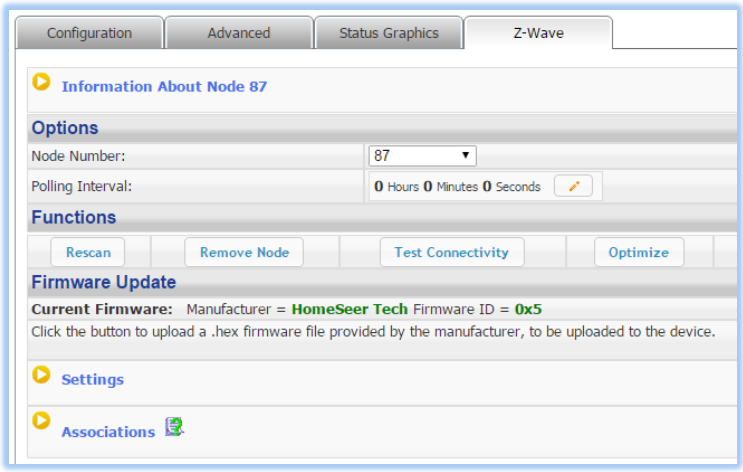
STEP #5 – Editing and Controlling Your Z-Wave Devices

After you've created your Z-Wave network, you may wish to name your devices and assign them to appropriate locations. You may also want to adjust any available parameters or settings. Here's how to do this:

Editing Your Z-Wave devices

1. From the web interface, click on the Home page or navigate to the Device Management Page (VIEW > Device Management). Click the "Show All" button in the upper right hand area of the page. A list of all your devices will now be displayed.
2. To edit the device, click the corresponding hyperlink in the Name column. Name and location fields appear on the "Configuration" tab. Z-Wave parameters and settings appear on the "Z-Wave" tab.





Controlling Your Z-Wave devices

From the web interface, use the pull down menus to navigate to the Device Management Page (VIEW > Device Management). Click the "Show All" button in the upper right hand area of the page. A list of all your devices will now be displayed. Use the buttons, sliders and other controls in the "Control" column to test and control these devices.

STEP #6 – Creating Automation Events

Simply put, an automation event consists of an action (or actions) that are set into motion by one or more triggers. Example: Turning on lights at sunset. Trigger = sunset, Action = turning lights on. With HomeTroller Zee, you can quickly and easily create all the events you need. Here's how to create the sunset event above:

Creating Events

a) From the web interface, use the pull down menus to navigate to the Events page (VIEW > Events).
b) Change the event group name from "New Group" to "Lighting".
c) Now expand the "New Event" section and rename the new event to "Lights on at Sunset"
d) In the shaded blue "Trigger" section, choose "The Time Is…" and then select "The Time is Sunset"
e) If the shaded green "Actions" section, choose "Control a Device" and then select the device you wish to control and the method of control (on / off) you wish to use. The resulting event will look like this:

Status	Category	Room	Name	Address	Type	Last Change	Control
No Status	Lighting	Kitchen	Motion Sensor Root	003D46CA-034	Z-Wave On/Off Sensor Root Device	Never_Set	
100%	Lighting	Kitchen	Motion Sensor Battery	003D46CA-034-Q38	Z-Wave Battery	9/5/2013 5:18:28 PM	
No Motion	Lighting	Kitchen	Motion Sensor	003D46CA-034-Q39	Z-Wave Sensor Binary	9/6/2013 5:58:33 PM	
On	Lighting	Kitchen	Pannini Maker	003D46CA-036	Z-Wave Switch Binary	9/5/2013 8:56:48 AM	Off On
On	Lighting	Kitchen	Light-Overhead	003D46CA-014	Z-Wave Switch Binary	Today 8:37:32 AM	Off On

TROUBLESHOOTING

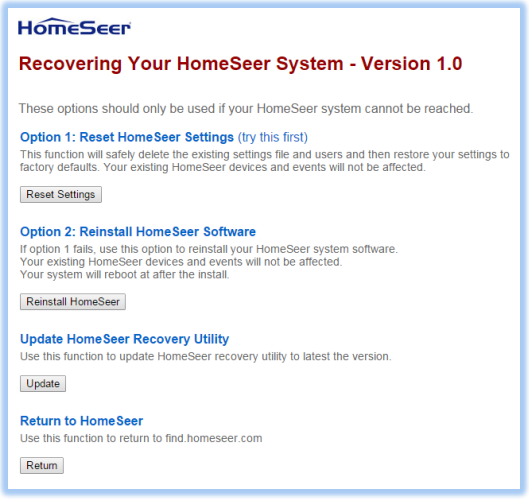
Symptom	Cause	Solution
Unit Won't Power On	Ac Adapter Unplugged	Plug-In Adapter
	AC Adapter Bad	Contact Homeseer
	Power Cable Bad	
Unit Powers On But Won't Boot	USB Hardware Conflict	Detach USB Device And Reboot
	Software Failure	Contact Homeseer
	Hardware Failure	
Z-Wave Devices Cannot Be Included Into Z-Wave Network	Device Was Previously Installed On Another Z-Wave Network	Use "Exclude Device" Procedure To Reset Device, Then Try To Include
	Device Failure	Replace Device
	Z-Stick Failure	Contact Homeseer
HSDiscover Cannot Locate Device	HomeTroller Zee Not Powered On	Power Unit On
	HomeTroller Zee Not Fully Booted	Wait 2 Minutes For Unit To Boot
	HomeTroller Zee Not Connected To LAN	Connect Unit To Router And Reboot
Door Locks Won't Include Or Can't Be Controlled	Inclusion Process Incorrect Or Incomplete	Exclude Devices and Repeat Procedure Outline In "Including Battery Powered Devices" Section
Sensors Won't Include Or Can't Be Monitored		
Wi-Fi not Connecting	Incorrect Wi-Fi SSID or Password	Contact HomeSeer
All Other Problems		Contact HomeSeer
Red Light Won't Go Away	OS cannot boot	Contact HomeSeer
Blue Light Won't Go Away	HS3 cannot boot	Contact HomeSeer
Green Light Won't Go Away	Everything is booted!	No Solution necessary.

**Note that Add = Include, Remove = Exclude, and Copy = Replicate*

HS3 Recovery Procedure

Use this procedure if your HomeTroller becomes unresponsive or inaccessible.

1. With a browser-enabled device, enter the IP address followed by ":911". Example: http://192.168.2.50:911
   This screen at right will appear >
2. **Option 1:** Use this option if you cannot access your system due to forgetting username, changing settings that cause HS3 to not boot correctly, or enabling a plug-in that may cause HS3 to crash.
3. **Option 2:** Use option 2 if you want to revert back to an update or update to the latest version.
4. **Update HS Recovery Utility:** Use this to check for updates to your Recovery page with added recovery options.
5. **Return to HS:** This will bring you back to find.homeseer.com to find your HS3 system.



HomeTroller Zee System Restore Procedure

Use this procedure only after the 911 features do not fix your problem and you have contacted HomeSeer support. This procedure will wipe your existing data. Make sure to **BACKUP** your HS3 configuration by going to Tools->Setup.

1. Plug in a monitor and keyboard to your Zee.

2. Restart your Zee and wait for the prompt that says *For recovery mode, hold Shift.*
3. Once the restore loads, a screen will load shortly allowing you to select the Zee S2 Factory Image.
4. Select the Factory Image and click *Install* at the top left.
5. Once finished click OK and your Zee will reboot.

HomeTroller Zee Reset Network Settings

1. Connect a keyboard to the unit and reboot your Zee S2.
2. Press R (lower care or upper both work) and then press Enter when the light turns yellow.
3. If the light turns blue, your settings were successfully reset.

Icon Legend for HS3.

ICON	DESCRIPTION
	Add / Delete
	Copy Event
	Standard Editing / Advanced Editing
	Toggle Edit Mode
	Enabled / Disabled
	Error communicating
	Expand / Collapse Section
	Marked Devices Shown/Header and Menus Shown – Marked Devices Hidden/Header and Menus Not Shown
	Access Log Settings
	Poll Devices for Status
	Reset Layout to Default
	Run Event
	Devices Ungrouped / Grouped
	Add a Keyword or Pair
	Group Conditions are used / not being used
	Expand Device Management Page / Collapse Device Management Page

**If you want to know what that button will do, just hover your cursor over the icon and small text will show to provide definition.*