HomeTroller S6 Getting Started Guide

Congratulations on your purchase! Your HomeTroller S6 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 HomeTroller.

STEP #1 – HomeTroller S6 Initial Setup

To begin using HS3 you will need to setup your HomeTroller S6. Follow these steps:

HomeTroller Hardware Installation

a) Unpack the HomeTroller and AC power supply.
b) Connect a monitor, mouse, and keyboard for initial set up. (The unit is also accessible remotely using VNC or find.homeseer.com)
c) Connect an Ethernet cable to your HomeTroller and to a network port on your internet router. *(Wifi can be configured if desired)*
d) Connect the AC power adapter to your HomeTroller to begin the boot process. The HomeTroller will power on by itself.

Accessing the HomeTroller Web Interface

If you do not have a keyboard, mouse, and monitor, then you will want to access the controller from a web browser on another computer in your home.

The method below should work with any browser on any device (mobile or desktop).

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

Registering your HomeTroller

You must register your unit to allow HS3 to boot up fully and automatically every time a restart occurs. This requires a monitor and keyboard or using VNC (see section 2) *Note: License codes are included on a sticker on the bottom of your HomeTroller S6.*

a) Click Register Now on the HS3 splash screen.
b) Enter your License ID and Password. If you are upgrading, enter your old license ID/Password.
c) Click Submit and HS3 will now start. This procedure only needs to be done once.

Changing the Username and Password

The default username is: *default* and the default password is: *default*. It is highly recommended that you change the username and password to something more secure. Please make sure to save this information.

a) Go to the Tools menu and click Setup.
b) Click on the Network tab at the top and you will see a list under Web User Settings.
c) Enter a User Name and Password in to the respected fields and then choose the User Rights.

d) Click Add User once all fields have been completed. Click Delete to remove a User.

Updating Your HomeTroller S6 and Setting the Time Zone

<p style="text-align:center; color:red">** DO NOT CHECK FOR WINDOWS UPDATES **</p>

Be sure to check for updates to HS3 and install any that are available, then set the time zone. To do this, follow these steps:

a) Upon HomeSeer booting it will check for updates.
b) You can either restart your HomeTroller or just restart HS3.
c) HomeSeer needs to be shut down once the update procedure begins.
a) Right click on the time in the bottom right of your screen in the system tray and then click *Adjust Date/Time*.

STEP #2 – Local/Remote Remote Access via MyHS

MyHS Remote is a free remote tool that will allow you to access the HS3 interface of the HomeTroller from any remote computer via home network (LAN) or the internet (WAN). The HomeTroller can also be accessed locally via IP address and/or computer name. See below for instructions.

Accessing Your HomeTroller Locally

HS3 can be accessed from any computer on the same local network just by typing in the IP Address (*i.e. 192.168.1.10*) of your HomeTroller.

Using HomeSeer MyHS Service

Welcome to the MyHS. The MyHS service is FREE and will allow you to access your HS3 system from anywhere without having to access your router. HSTouch is required to access via our mobile app, which is enabled by default. It is recommended that you uninstall the application and then reinstall it from the Play Store/iTunes Store to ensure you have the latest. Now, let's get started!

To begin using MyHS you will need to register your HS3 software with the connected service.

Registration

Once the HSTouch has finished installing, go ahead and open it up. You will be prompted with a log in to MyHS screen.

a) Click *Register*. Your default browser will come forward and load the registration page.
b) Enter in the preferred email address you would like to use to be tied to your MyHS for the *Account Email Address*. This will later be used as your MyHS username.
c) Enter a preferred *Account Password*. You will use this as the password to enter in your MyHS settings.
d) The *License ID* you are asked for is your HS3 licenseID. The same goes for your *License Password*. (*For HomeTroller HS3 users, this is located on the bottom of your unit. For HS3 Software users, this information was emailed to you.*)
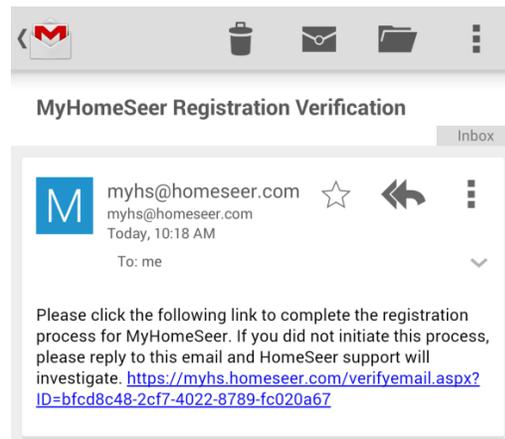
e) Click *Register*. You will receive a confirmation on the next screen unless errors are detected. You will also be emailed an email that requires a confirmation. Click the link in the email to confirm. You can now use your mobile phone to access your HS3 system. See step 8 and 9 for further HSTouch configuration.

Using VNC for Local or Remote Access

UltraVNC is a freeware software tool that will allow you to access the Windows® interface of the HomeTroller from any remote computer via home network (LAN) or the internet (WAN). VNC can be installed on the unit by downloading and installing UltraVNC (http://www.uvnc.com/downloads/ultravnc.html)

To Access the HomeTroller from Any Computer on your Home Network

1. Download VNC Viewer for your computer.
2. When prompted, enter your IP address from find.homeseer.com.
3. Use the password "hsthst" and hit the 'enter' key. The Windows interface for the HomeTroller should now appear.

STEP #3 – Installing Plug-ins

HomeSeer works with many different protocols. All of these protocols require a plug-in to be installed. There are HomeSeer Tech plug-ins and many 3rd Party plug-ins. Please follow the instructions below on installing a plug-in or you can click here to watch a video tutorial. *Note: Some plug-ins will be in the BETA section at the very bottom.*
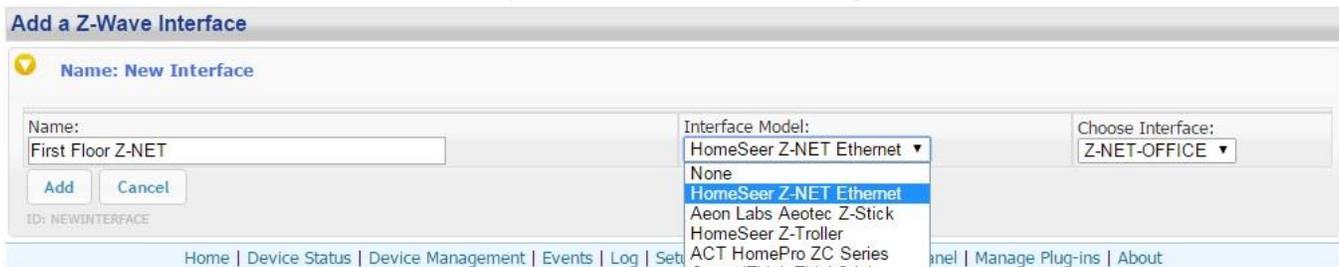
1. Locate the Plug-Ins drop down at the top of the screen. With that dropdown click *Manage.*
2. Click the yellow circle to right of the *Additional Interfaces*. This will present you with a list of categories. Each category has a list of plug-ins that can be installed.
3. Click on the circle next to the category that you wish to expand.
4. Once you see the list of plug-ins, click the check box to the left of the plug-ins that you want to install. (You may check more than one at a time.)
5. After you have selected the plug-ins you wish to install, a *Download and Install* button will appear. Click this button to proceed with the install.
6. You will be given a progress bar under the *Installed Plug-ins* section indicating the status of the install.
7. You must now *Enable* your plug-ins to use them. Once they are enabled they will be available to configure. Some plug-ins will require you to enter a COM port before going into the configuration pages.
8. To get to the configuration pages, go back to the top where the plug-ins menu is and you will see a list of your installed plug-ins. Within each plug-in there is another menu that has a link to the configuration pages.
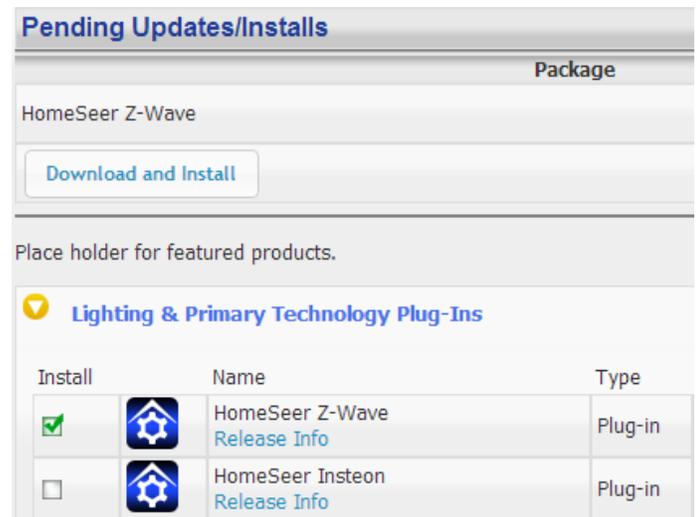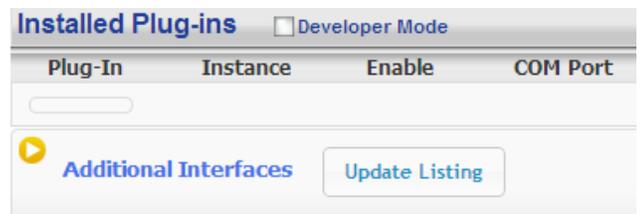
STEP #4 – Adding a Z-Wave Controller

In order to control Z-Wave devices, such as light switches, thermostats, door locks and sensors, they must be added into a Z-Wave "network". Follow the steps below to add your Z-Wave controller and create a Z-Wave network. For a more visual walkthrough, click here (http://board.homeseer.com/showthread.php?t=162907).

a) Go to the Plug-ins drop down menu and hover over Z-Wave. Select Controller Management.
b) Click the Add Interface button to begin the management process.
c) You will now be prompted to add an interface name, interface type, and the COM port of the interface. A good naming scheme is either the name of the interface you are using or the location of your Z-Wave controller (if you have multiple). The interface type corresponds to the type of Z-Wave controller you are using. If you have using an IP2SL/WF2SL, select the Ethernet option.
d) Go ahead and click *Add* and let HomeSeer initialize the unit. Once initialized, you will be brought to a new screen.
e) You must now enable the controller. Click the red circle with a line through it ("No symbol") to enable it. You will see a green checkmark if the interface enabled correctly.
f) To add another Z-Wave interface simply follow these instructions again.

STEP #5 - Z-Wave Network Setup

In order to control Z-Wave devices, such as light switches, thermostats, door locks and sensors, they must be added into a Z-Wave "network". Follow the steps below to create your Z-Wave network and to add 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.

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

a) From the web interface, use the pull down menus to 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 device and observe the inclusion process in the green log window. When done, you'll receive an acknowledgement such as "Finished.". Your Z-Wave device is now removed from your Z-Wave network!

Battery operated devices should be right next to the Z-Wave controller when adding. Door Locks should be no more than 10 feet away when being added and should be removed first.

Removing Z-Wave Devices

Follow the procedure below to (a) reset the device to its factory settings or (b) remove the device from your Z-Wave interface.

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 inclusion mode and is ready to communicate with your device.
h) Activate the network button (or button sequence) on your device and observe the adding process in the green log window. When done, you'll receive an acknowledgement such as "DONE - Remove Node Operation is Complete." Your Z-Wave device is now removed from your Z-Wave network!

STEP #6 – Importing, Editing and Controlling Your Z-Wave Devices

Importing devices is only necessary if you are using the Aeon Labs Z-Stick to configure your Z-Wave network, otherwise that step can be skipped. You'll need to import that network into your HomeTroller, so that your devices can be monitored and controlled. Here's how to do that:

Importing Z-Wave Devices

b) From the web interface, use the pull down menus to navigate to the Z-Wave Controller Management page (PLUG-INS > Z-Wave > Controller Management).
c) Locate the "Z-Wave Interfaces" area and expand the section of your Z-Wave Controller. Open the "Actions:" menu and choose "Import Node Info from Controller and Scan Devices".
d) Click the 'Start' button below the Actions menu. Your HomeTroller will now import your device information from the Z-Stick. When done, you'll receive an acknowledgement such as "Finished with Z-Wave device synchronization". Your Z-Wave devices may now be monitored and controlled from the HomeTroller!

Editing and Controlling Your Z-Wave devices

a) 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.
b) To edit the name, location and other properties of any device, click the Name.
c) To control the device, use the buttons in the Control column.
d) The Last Change column specifies when the device was last controlled via locally, HS3 (manually or event), or HSTouch.
e) The Address represents which Z-Wave network the device is added to and then the Node ID is after the hyphen.

		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

Configuring Device Settings

a) From the web interface, go to your Device Management page and click on the device you wish to configure.
b) Click on the Z-Wave tab.
c) Here you can Rescan, Remove, Test, Optimize, and Audit the node. Associations can also be set here.
d) Expanding the Settings section will allow you to change the wake-up interval for battery operated devices. Here you will also see many settings for different parameters depending on the device.
e) Below the settings will be Associations which will be available for devices that support associations. Here you can set up companion switches to work with Z-Wave associated master switches.

Functions

Rescan	Remove Node	Test Connectivity	Optimize	Full Optimize	Audit This Node

▼ **Settings**

The device periodically sends notifications for its sensors. Set the interval as minutes (6-1500). Note that shorter intervals will reduce battery life.

Set	Wake Up Interval(minutes):	0 ▼

STEP #7 – 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 HomeSeer, you can quickly and easily create all the events you need. Here's how to create the sunset event above:

Creating Events

f) From the web interface, use the pull down menus to navigate to the Events page (VIEW > Events).

g) Change the event group name from "New Group" to "Lighting".

h) Now expand the "New Event" section and rename the new event to "Lights on at Sunset"

i) In the shaded blue "Trigger" section, choose "The Time Is…" and then select "The Time is Sunset"

j) 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:

STEP #8 – HomeSeer Mobile

After you have successfully created a MyHS account and have the unit on your local network, you can connect to your unit via our mobile application. HomeSeer Mobile is required to access your HS3 system via a mobile device. HomeSeer Mobile is not required to connect via the MyHS website.

In order to use the latest HS Mobile app, first visit the Play Store on Android or the App Store on iOS. You can use the buttons below to quickly find the app or open up your App Store and search for "HomeSeer Mobile"

REQUIRES VERSION 3.0.0.500 OR HIGHER OF HS3

Figure 1: Android

Once HS Mobile is installed and opened, you will be prompted to enter your MyHS account name and password. If you do not already have an account, please view this guide or go back to Step 2, which will walk you through the process of setting that up.

Once you have your account credentials, tap Log In, and you will be connected to your HomeSeer system. Select Remember me if you wish to have your credentials saved. If you have a premium MyHS subscription, you will see a list of your systems that you can connect to. If you would like to learn more about the Premium MyHS subscription, please click here.

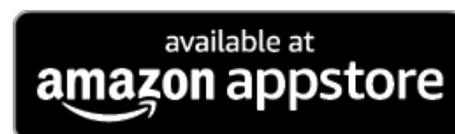For a more customized experience, check out HSTouch Designer at homeseer.com.

Cloud Service Integration

Amazon Alexa
Please visit https://homeseer.com/amazon-alexa-integration for instructions on integrating your Alexa devices. Step 2 is required in order to utilize Alexa.

Google Home
Please visit https://homeseer.com/google-home-integration for instructions on integrating your Google devices. Step 2 is required in order to utilize Google Assistant.

IFTTT
Please visit https://homeseer.com/ifttt-integration for instructions on integrating IFTTT recipes. Step 2 is required in order to utilize IFTTT.

More Help

HomeSeer Helpdesk (walkthroughs, guides, product help)
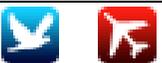
HomeSeer Help Files (JSON, Scripting, in-depth HS3)

YouTube

Contact Us

Icon Legend for HS3

This is a list of the icons that are found in HS3 with a description of their function.
Note: Some buttons are multi-functional.

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 appear to provide definition.

Troubleshooting Your HomeTroller

All customers have lifetime support. Initially you have **30 Day Priority Phone Support** and after that you have support through our **Help Desk** (helpdesk.homeseer.com) and our community based **Message Board** (board.homeseer.com).

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 Added Into Z-Wave Network	Device Was Previously Installed On Another Z-Wave Network	Use "Remove Device" Procedure To Reset Device, Then Try To Add
	Device Failure	Replace Device
	Z-Stick Failure	Contact HomeSeer
Find HomeSeer Cannot Locate S6	HomeTroller Not Powered On	Power Unit On
	HomeTroller Not Fully Booted	Wait 2 Minutes For Unit To Boot
	HomeTroller Not Connected To LAN	Connect Unit To Router And Reboot
Door Locks Won't Add Or Can't Be Controlled	Inclusion Process Incorrect Or Incomplete	Remove Devices and Repeat Procedure Outline In "Adding Battery Powered Devices" Section
Sensors Won't Add Or Can't Be Monitored		
All Other Problems		Contact HomeSeer

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

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