

HSDroid User's Guide

HSDroid lets you control your [Homeseer](#) computer from your Android phone.

You can get HSDroid from the Android Marketplace (for free) but you need to have the HSDroid Homeseer plug-in, which is available through the Homeseer updater.

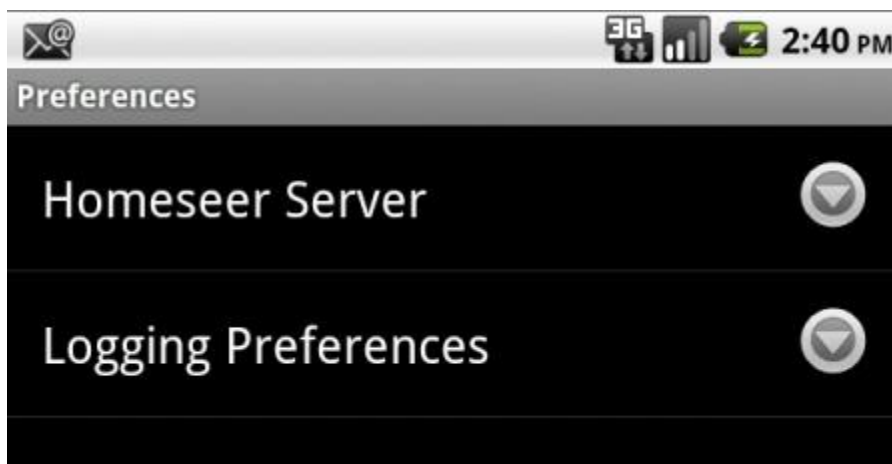
With HSDroid you can:

- List all your devices by location or device name
- Toggle the status of any device
- List all your Events
- Run any Event
- Send any IR command that you've learned through your Homeseer IR plug-in
- Control all your Music
 - List Artists, Genres or Playlists
 - Search for Albums or Tracks by Artist, Album or Track
 - Control the music currently playing, pausing, stopping, going to the next or previous track, adjusting the volume up or down or muting the music
- Control all this with Voice commands as well.

In general, a single tap on an item will "drill down" to the next level. For example, if you tap on an artist, it will show all the albums for that artist. If you tap on an album, it will show all the tracks for that album.

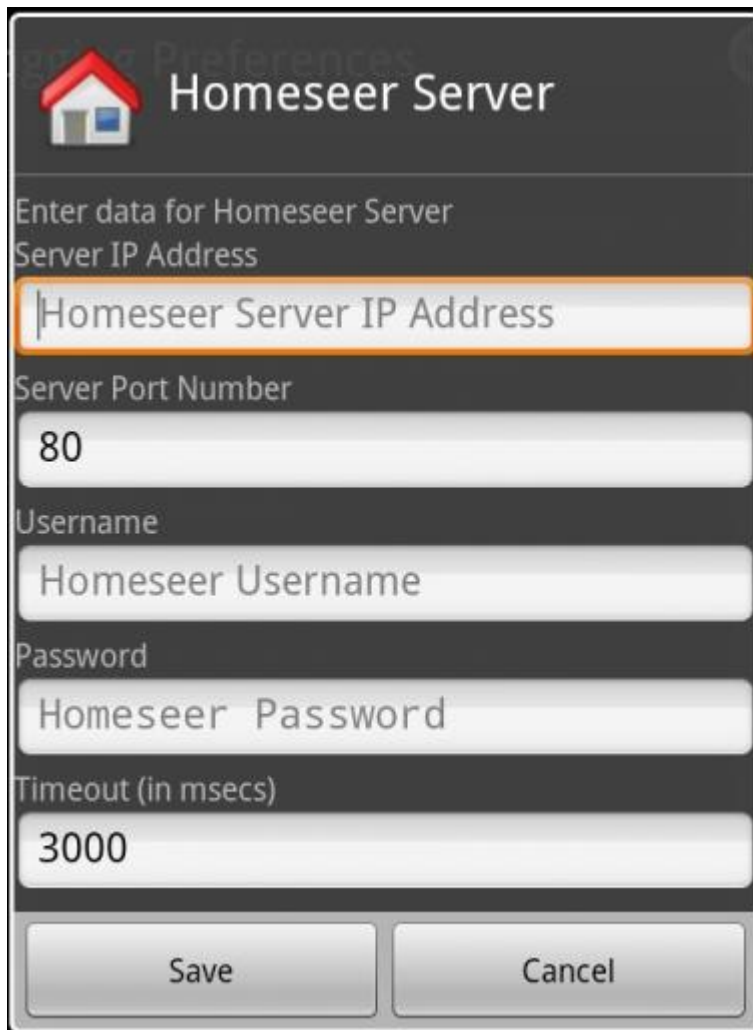
A "long tap" will act on that entry. For example if you tap on a device, it will show you all the information on that device. If you long tap on it, it will toggle the device.

Once you have it installed, the first time you start it up it will take you to a welcome screen. Clicking the OK button will take you to the Preferences Screen (which you can get to later by Menu->Preferences from the main page).



You must at least set the server preferences to use HSDroid (it needs to be able to contact the server that has Homeseer running on it). If you need a userid/password to connect to your

server, you specify it here as well. If you have setup your Homeseer system to use a port other than the standard port 80 for it's webserver, you can specify that here. Finally you can set the timeout period. If the server doesn't respond in this time, HSDroid will make two more attempts before failing and reporting this to the user.



The image shows a dialog box titled "Homeseer Server" with a house icon. Below the title, it says "Enter data for Homeseer Server". There are five input fields: "Server IP Address" (with placeholder text "Homeseer Server IP Address"), "Server Port Number" (with value "80"), "Username" (with placeholder text "Homeseer Username"), "Password" (with placeholder text "Homeseer Password"), and "Timeout (in msec)" (with value "3000"). At the bottom, there are two buttons: "Save" and "Cancel".

From the preferences screen, you can also set logging preferences. This controls how verbose the logging is and how the messages are displayed. Messages that the user needs to be aware of are shown as Alerts. Other messages can either be display by Toast (which means that you'll see them on the screen) or to logcat, which won't be visible to the user. From the main screen you can always use the Menu->Log-View Log to see what has been logged. From here you can also clear the log, or email it to me.

After you have your preferences set, HSDroid will contact your server and determine what functionality it supports (e.g. whether you have a Thermostat, Music or IR plug-in. These are the only ones I check for at the moment). Once it determines your setup, you'll get the main screen.

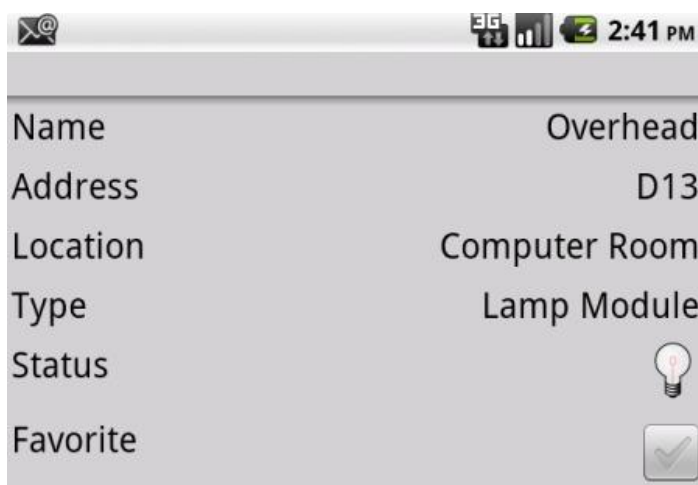


Locations

HSDroid will discover all the locations you have defined for your devices. This allows you to display devices by Location. Tapping on a location will list all the devices for that location. Once you've listed devices for a particular location, it will behave the same way as the device display.

Devices

This will display a list of all your devices. Long click on a device and it will toggle it's status (if it's off, it will turn on, if it's on it will turn off). Click on one and you'll get the details on this device:



You'll notice a checkbox labeled favorite. You can set a device, an event, a thermostat or an IR command to be a favorite. Then when you select Favorites on the main screen, you'll get a list of everything you set as a favorite. So instead of having to drill down for the things you use most often, they're all in one place. When they are listed in their group (for example in a device list) favorites will be listed in a different color.

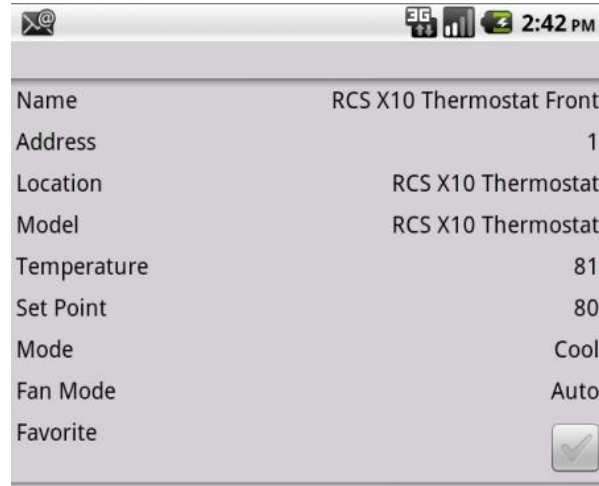
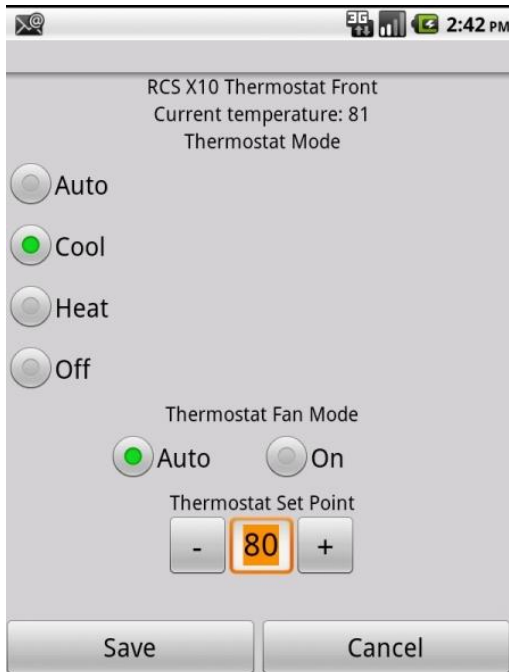
Events

Selecting events from the main screen will bring up a list of all the types of events (X10, Manual, Time, ...) that you have defined. Clicking on one of those categories will bring up a list of all the events of that type. Long clicking on an event will run it, clicking on it will bring up the details of the event:



Thermostats

If you have a thermostat plug-in, you can control it with HSDroid. Clicking on Thermostats will display a list of Thermostats you have installed. Long clicking on a thermostat will take you to a page where you can set it's state, and just clicking will take you to a details page:

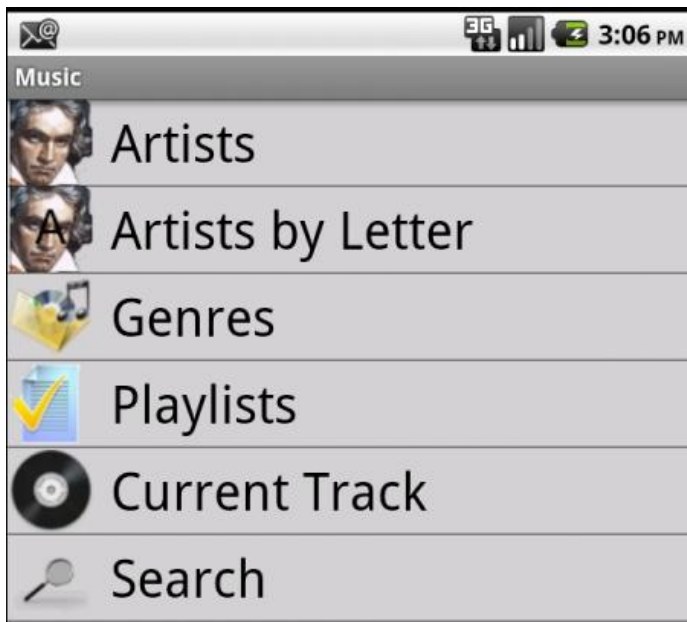


IR

If you have an IR plug-in, you can send IR commands that you've learned from HSDroid. Clicking on IR will display all your learned commands. Since there isn't any more detail, single clicking will send the IR command, while a long click will set it as a favorite.

Music

If you have a music plug-in, you can control your music from HSDroid. Clicking on Music gives you a list of options:



Artists:

Clicking on Artists will bring up a list of all the artists you have music by. Clicking on an artist will bring up a list of all their albums (that you have), clicking on an album will bring up all the tracks. Then if you click on a track, it will play just that track. If you click at any other level (artist or album) then it will play all tracks in that group (all by an artist, all on a particular album). Once a track starts to play you'll get a screen that will allow you to control the player:



It will display the Artist/Album/Track information, count down the time left in the track and allow you to skip to the next/previous track, pause it, stop it, raise or lower the volume or mute it.

Genres:

Brings up a list of genres, clicking on one brings up a list of artists in that genre (then things go as in the artist display). If you long click on a genre, it will play all tracks in that genre.

Playlists:

Brings up a list of all your defined playlists. Clicking on one shows all the tracks in that playlist. Long clicking will play the playlist.

Current Track:

Takes you to the screen displaying what is currently playing. From this screen you can skip to the next/previous track, stop/pause/play/resume the track, increase/decrease the volume or mute it entirely.



Search:

Allows you to search by artist/album/track. You must specify either artist or album, you can't search just based on a track name. The search is a regular expression, so you can use wildcards. It also matches partial names. For example searching on artist John will bring up both Elton John and John Lennon.

Favorites

As mentioned above you can flag any device/Thermostat/Event or IR command as a favorite. Then it will be listed on the favorites screen. On this screen a click will execute the action and a long click take you to the detailed page.

Voice Command

You can use the following voice commands:

1. [Turn|Shut] [On|Off] <location> <device> [On|Off] The On|Off can come either after the verb or at the end
2. Run event <eventname>
3. What is the status of <location> <device>
4. Play artist <artist>
5. Play album <album>
6. play playlist <playlist>
7. play genre <genre> Note: I can't make it understand the word genre.
8. player [Play|Stop|Pause|Resume|Next|Previous|Mute|Unmute|Volume Up|Volume Down]