

## Installation Instructions

**These instructions are designed for persons with at least minimal Hubitat experience.**

<b>Note</b>	The installation utilizes different driver files for the Soundbars and Speakers. Please assure you have the correct driver(s) installed.
<b>1</b>	Install and save the file below into the Driver Code section: a. Soundbars (MS Series): "Samsung Soundbar.groovy" b. Speakers (Radiant Series): "Samsung Speaker.groovy"
<b>2</b>	Install and save the "Samsung WiFi Audio App.groovy" driver into the Aps Code section.
<b>5</b>	Go to Apps and select Load New App. Select "Samsung WiFi Audio App"
<b>6</b>	Select Next on the introduction page.
<b>7</b>	On the Speaker Discovery page, the browser will request you to provide refresh ("resend") every 15 seconds. Do this until your total numbe of devices are selected.
<b>8</b>	Select the "Select Speakers" area and check the speakers to install. Then select done.
<b>9</b>	Go to the Devices page and to each device, setting up each device as necessary.
<b>Limita- tions</b>	a. TTS and Audio Notification recovery is based upon music playable through the Multiroom App.
<b>Soundbar TTS</b>	<b>Use of voicerss.org TTS engine.</b> The soundbars are not compatible with the Hubitat implementation of testToSpeech. I selected voicesrss.org since they provide free 350 messages/day plus economical upgrades for extreme users.

## Preferences

<b>Notification volume increase in percent</b>	Based on percent of 100.
<b>Surround/Stereo Speaker Location</b>	If you are creating a Stereo or Surround Sound group, you will need to identify the location of this speaker here and the other speakers at on their respective page.
<b>Device Refresh Interval</b>	Choose refresh cycle of 1, 5, 10, or 15 minutes.
<b>Display debug messages?</b>	When selected, will log debug messages for 30 minutes.

## Soundbar Only Preferences

<b>Rear Speaker</b>	Selected = slider to right, blue color. If selected - you have a Samsung Soundbar rear speaker connected and want to control it's level.
<b>Rear Speaker Level</b>	Level from -6 to +6 for rear speakers.
<b>Text-To-Speech Key</b>	The soundbar uses a different TTS engine than the LAN SamsungAudio (the Amazon engine does not work for this handler). This is the key you obtain from voicerss.org. Limit: 350 calls per day free.
<b>TTS Language</b>	The soundbar TTS language. Must match the language of the text entered. Voice changes dependent on language (I.e., US is different from Australian).

### Button Implementation

Button(s)	Function
<b>0</b>	Trigger. First press set trigger to true. Second press resets trigger to false. Will automatically return to false in 15 seconds.
<b>1 - 8</b>	Multiroom Content Player presets. To create, press trigger then the desired number. To play, press the desired button. There are attributes that can be used for button labels (look at the device's page) in dashboards.
<b>9 - 11</b>	Group Player presets. Same general function as Multiroom Content Player presets.
<b>16</b>	Group Stop. Stops the group and returns all speakers to solo mode.
<p>The below do not use the trigger at all.</p> <p>The below do not have associated attributes. Dashboard implementation uses custom icons for the individual buttons.</p>	
<b>12</b>	Input Source. Toggles the input source of the speaker.
<b>13</b>	Equalizer Preset. Toggles the preset equalizer presets of the speaker.
<b>14</b>	Repeat. Sets the repeat function when supported by the specific content.
<b>15</b>	Shuffle. Sets shuffle mode function when supported by the specific content.
<b>17</b>	Volume Up. Toggles the volume up approximately 3% of 100.
<b>18</b>	Volume Down. Toggles the volume down approximately 3% of 100.