

External Text-To-Speed Commands

The device handler incorporates additional commands that allow access to the Text-to-Speech functions. There are four external commands:

a	playTextAndResume(TEXT, VOLUME). Plays the string TEXT at the integer Volume. 1. Null Volume will play text at the current volume. 2. Once played, the originally playing audio will resume (not necessarily at same location) at the original volume.
b	playTextAndRestore(TEXT, VOLUME). Plays the string TEXT at the integer Volume. 1. Null Volume will play text at the current volume. 2. Once played, the originally volume will be set; but, the speaker will not resume playing.
c	playTextAsVoiceAndResume(TEXT, VOLUME, VOICE). Plays the string TEXT at the interger VOLUME using the VOICE. (Note: This command is unique to this device handler). 1. VOICE is from the available Amazon Polly voices. VOICE language must match text language. 2. Null VOLUME will play text at the current volume. 3. Null VOICE will play using the default set by the user in the Device Handler. "Salli" by default. 4. Once played, the originally playing audio will resume (not necessarily at same location) at the original volume.
d	playTextAsVoiceAndRetore(TEXT, VOLUME, VOICE). Plays the string TEXT at the interger VOLUME using the VOICE. (Note: This command is unique to this device handler). 1. VOICE is from the available Amazon Polly voices. VOICE language must match text language. 2. Null VOLUME will play text at the current volume. 3. Null VOICE will play using the default set by the user in the Device Handler. "Salli" by default. 4. Once played, the originally volume will be set; but, the speaker will not resume playing.

Other notes

Use of Surrogate Speakers. The dual installation of speakers (LAN SamsungAudio and this DH) is needed since I have been unable to identify the command used to send a URL to the speaker for playing. The URL is how both Text-To-Speech and Audio Notifications are sent to the speakers.

Use of voicerss.org TTS engine. The newer (MS) soundbars are not compatible with the LAN SamsungAudio. Additionally, using Amazon Polly outside the LAN Samsung Audio does not work. I selected voicerss.org since they provide free 350 messages/day plus economical upgrades for extreme users.