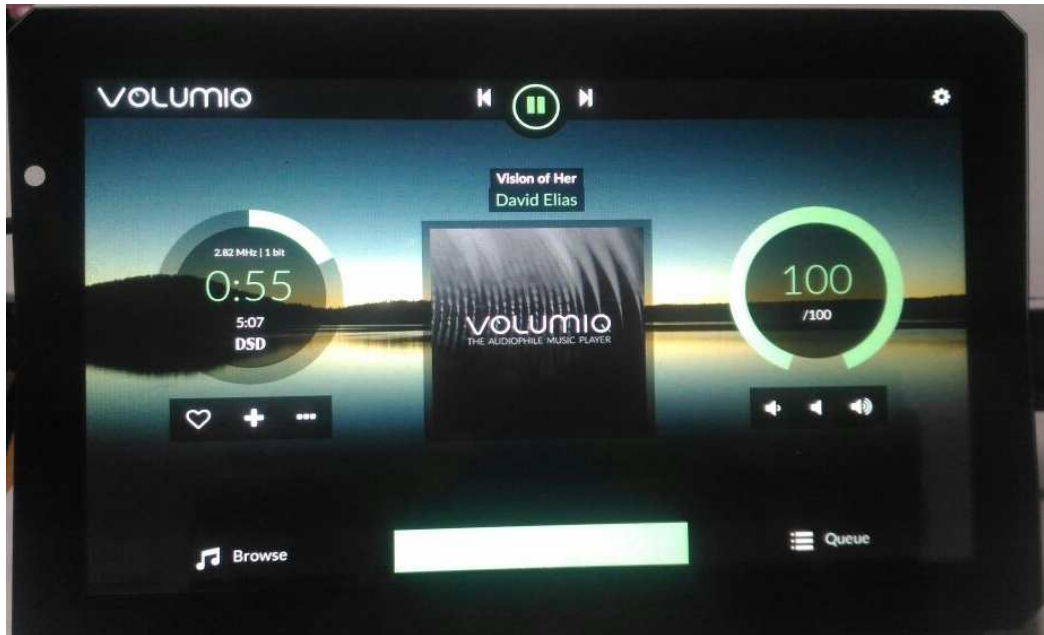


Sparky Volumio 7" LCD Touch panel Installation

To support Sparky LCD and touch panel on Volumio OS, update the kernel.dtb, u-boot-img.img and touch panel driver, install volumio touch panel plugin.



Update sparky drivers:

- 1) Volumio ssh login enable (ipaddress/dev)
- 2) Ssh login through terminal/putty.exe (user name: volumio password: volumio)
su and password: volumio.
Refer the ssh login guidelines.
- 3) Download the driver from
https://github.com/sparky-sbc/sparky-test/tree/master/sparky_dsi_dtb
volumio@volumio:~\$ su
Password:
root@volumio:/home/volumio# cd /usr/src
wget https://raw.githubusercontent.com/sparky-sbc/sparky-test/master/sparky_dsi_dtb/install.sh

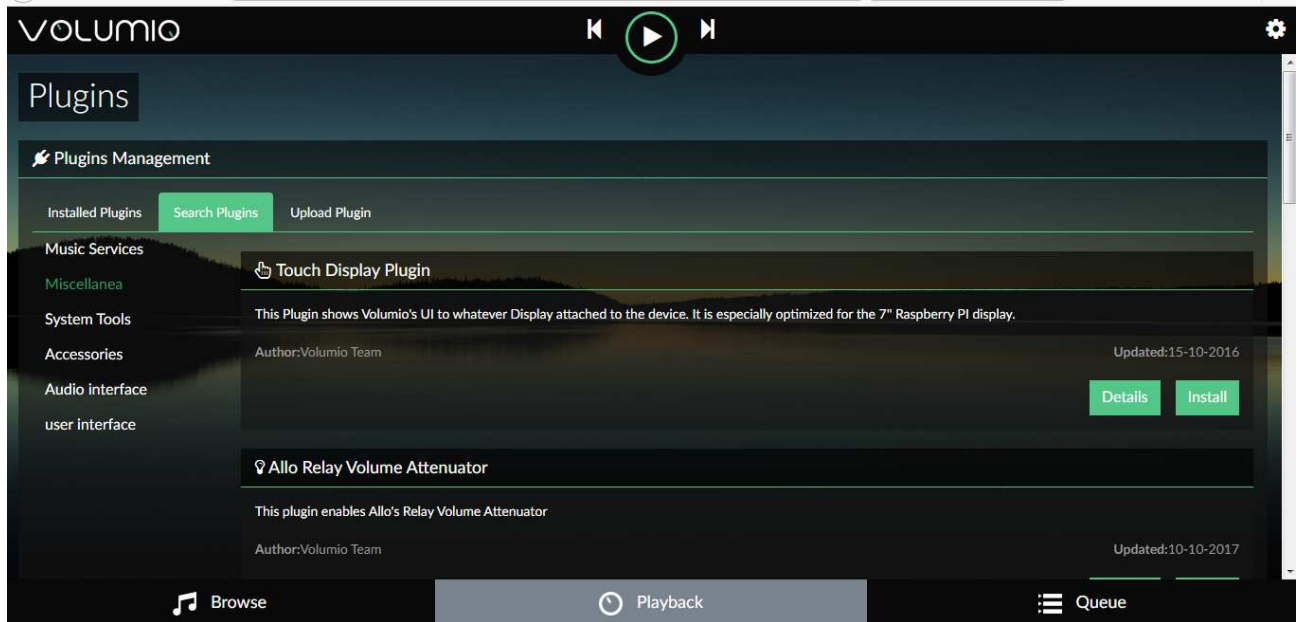
executing install.sh command will download and copy required files. After installation sparky will boot 1200x600 resolution , default display option will be DSI LCD.

root@volumio:/usr/src# sh install.sh

Plugin Installation can be done through volumio WebGUI.

First update the packages:

- 1) `sudo apt-get update`
- 2) `sudo apt-get install keyboard-configuration`
- 3) Install the plugging through Volumio web GUI.



on progress indicator shows 70% completion and success , reboot the board

on successful installation volumio home screen opens automatically on startup.



Virtual keyboard supporting : `apt-get install matchbox-window-manager matchbox-keyboard`

`matchbox-keyboard -d &`

`matchbox-window-manager -use_titlebar no &`

above 2 lines need to be added in `/opt/volumiokiosk.sh` line 6 and 7

**** on Dietpi- OS Sparky LCD Touch panel installation. Mate desktop supports Touch panel functionality with the driver update.**

Touch panel Enabled volumio v2.348 download from: <https://goo.gl/HkvsN5>