

# Squeezelite / Logitech Media Server

Squeezelite is a network music player which could be used with Logitech Media Server(aka. LMS). Eunhasu has LMS inside of itself which is available Tidal, Qobuz and internet radio.

Squeezelite config

Output name config

Name sMS-200-USB  
Enter Squeezelite output name

Audio device config

SOTM USB Audio 2.0 S20

Setting mode Custom  
DSD mode DoP  
Buffer time 40  
Period count 4  
Sample format 32  
Max samplerate 192000  
Internal buffer 4096

Select Audio device and set squeezelite config. Empty is default value. When you use 'custom' setting mode, please refer to DAC information which link is located at bottom of this page.

Clear artwork.db  
Delete LogitechMediaServer artwork database file. You should rescan in LMS to generate deleted file.

Remove config cache  
Delete all configuration cache file.

Save changes Cancel Uninstall

Squeezelite information  
Logitech Media Server version : 7.9.0  
Squeezelite version : 1.8.7  
DAC information

- **Name:** A name of device Squeezelite appearing on LMS. This could be changed if you need.
- **Audio device config:** Select a radio button of USB DAC which is going to use and click 'Save changes' to use the USB DAC.
  - **Setting mode:** If you select the 'Default', the audio device is automatically set. If you select 'Custom', you can set up your own audio device.
  - **DSD mode:** Sets the playback method of the sound source to DoP or Native DSD. If you are setting up as a native DSD, make sure that the DAC you are using is a device that supports native DSD.
  - **Buffer time:** Sets the buffer length of the sound source data to be transmitted to the audio device in microseconds.
  - **Period count:** Sets the transmission period of the sound source data of the audio device.
  - **Sample format:** Sets the sound source transmission format (sample format) supported by the connected audio device. (Hovering the mouse cursor over the text box will display the maximum sample format of the connected Audio device.)
  - **Max sample rate:** Sets the sample rate that the connected audio device supports. (Hovering the mouse cursor over the text box displays the maximum sample rate.)
  - **Internal buffer:** Specifies the maximum buffer size in kilobytes for audio processing.
- **Clear artwork.db:** Delete LMS artwork database file. You should rescan in LMS to generate deleted file.
- **Clear config cache:** Delete LMS config cache files.

# Configuration

Check your DAC's capability.

```

← → ↻ ⓘ eunhasu.local/dacinfo/

**** List of PLAYBACK Hardware Devices ****
card 0: S20 [S0tM USB Audio 2.0], device 0: USB Audio [USB Audio]
  Subdevices: 1/1
  Subdevice #0: subdevice #0

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Bus 004 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 002 Device 003: ID 20b1:2102 XMOS Ltd
Bus 002 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 003 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
Bus 001 Device 002: ID 05e3:0610 Genesys Logic, Inc. 4-port hub
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

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0 [S20          ]: USB-Audio - S0tM USB Audio 2.0
                    S0tM S0tM USB Audio 2.0 at usb-1c1c000.usb-1, high speed

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S0tM S0tM USB Audio 2.0 at usb-1c1c000.usb-1, high speed : USB Audio

Playback:
Status: Stop
Interface 1
  Altset 1
  Format: S32_LE
  Channels: 2
  Endpoint: 1 OUT (ASYNC)
  Rates: 44100, 48000, 88200, 96000, 176400, 192000, 352800, 384000
  Data packet interval: 125 us

```

Input 'Max samplerate' and 'Sample format' by DAC information. Please refer to highlighted part.

|                    |        |                 |      |
|--------------------|--------|-----------------|------|
| S0tM USB Audio 2.0 |        | S20             |      |
| DSD mode           | None   | Buffer time     | 80   |
| Max samplerate     | 384000 | Internal buffer | 4096 |
|                    |        | Period count    | 16   |
|                    |        | Sample format   | 32   |

## LMS library rescan guide

Move on to Settings menu page.



Click "Rescan" button to start scan on Basic Settings tab.



Click "Scanning - View Progress" link at bottom of page if you'd like to see scanning states.



Scanning states screen.



## ickStream

ickStream plugin provides lots of third-party feature like Quboz, TIDAL. You can check more information about ickStream in the link,

- [http://wiki.ickstream.com/index.php/Open\\_Beta\\_Squeezebox\\_Installation](http://wiki.ickstream.com/index.php/Open_Beta_Squeezebox_Installation)

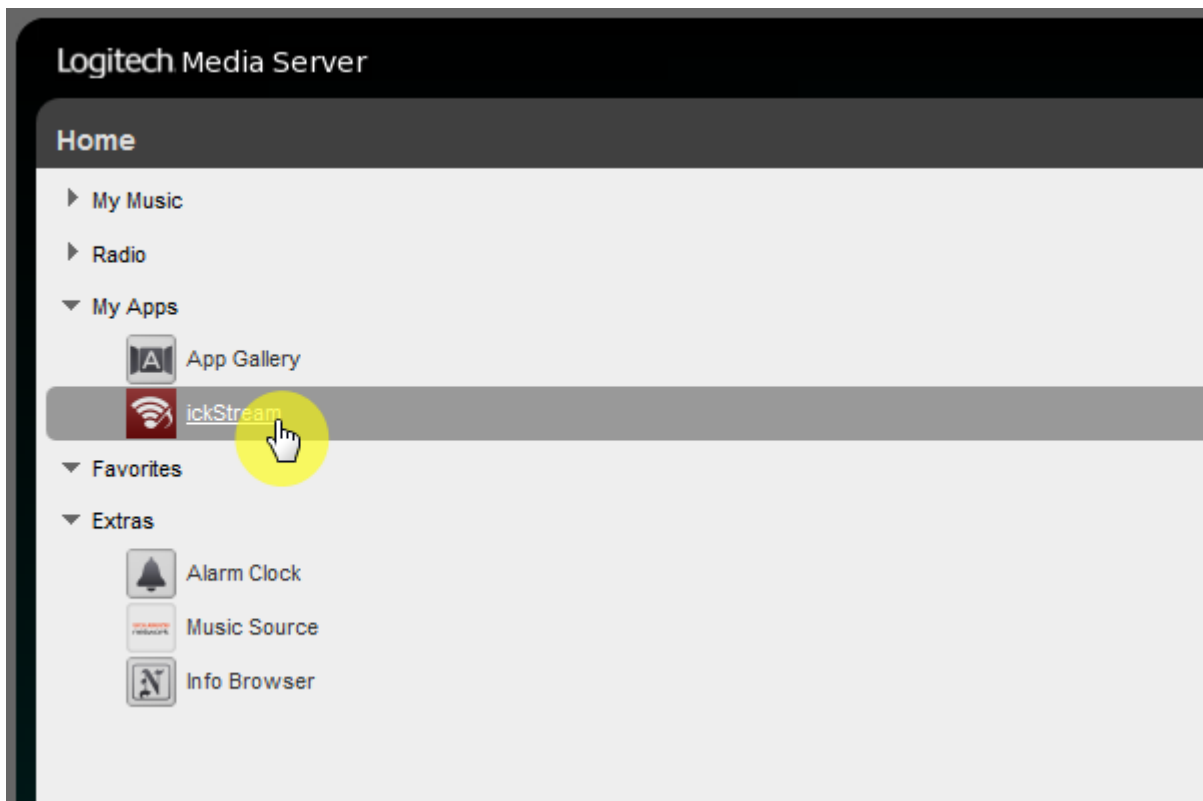
After finishing ickStream plugin installation, you have to agree EULA and login ickStream in LMS > Settings > Advanced > ickStream page.

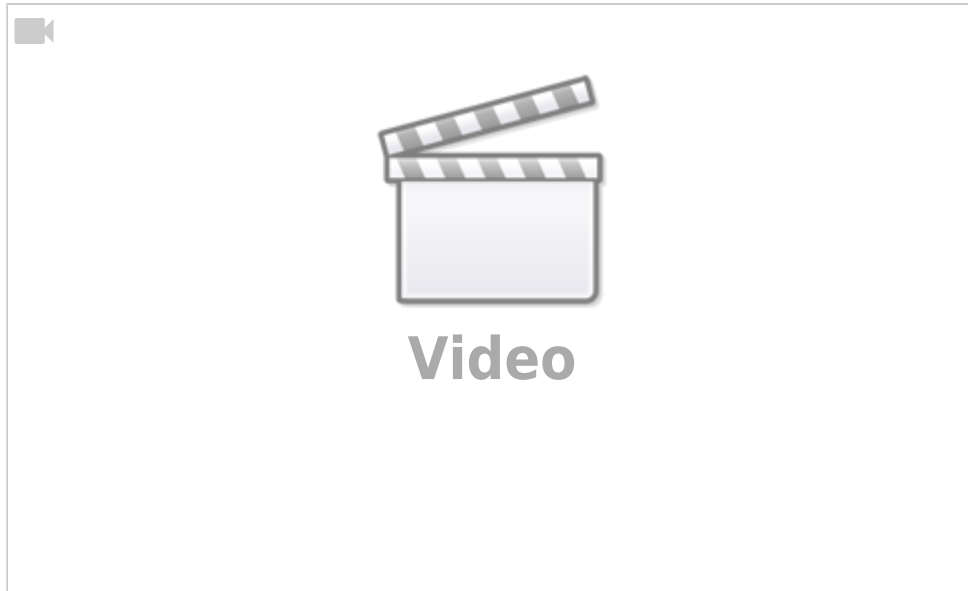


Login complete.



You can see ickStream item in My Apps of LMS main screen.





Video: how to install and set Spotify plugin in LMS; Spotify premium account required.

From:

<https://www.docs.sotm-audio.com/> - **SOTM docs**

Permanent link:

<https://www.docs.sotm-audio.com/doku.php?id=en:squeezelite&rev=1526627355>

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