



TOTALDAC d1-server User's Guide for LMS

2017 October 17th

All possibilities to use the Totaldac d1 server

The possibilities to use the Totaldac d1 server are:

- Ipeng to control the internal Logitech Media Server (squeezebox) software, to read local files and use internet streaming
- Airplay to send audio from an Ipad (for radio for example) or from a computer
- upnp/DLNA to receive audio from another upnp/DLNA software
- RoonReady for a compatibility with Roon

To enable them, you can browse the internal web site (using Safari on Ipad)

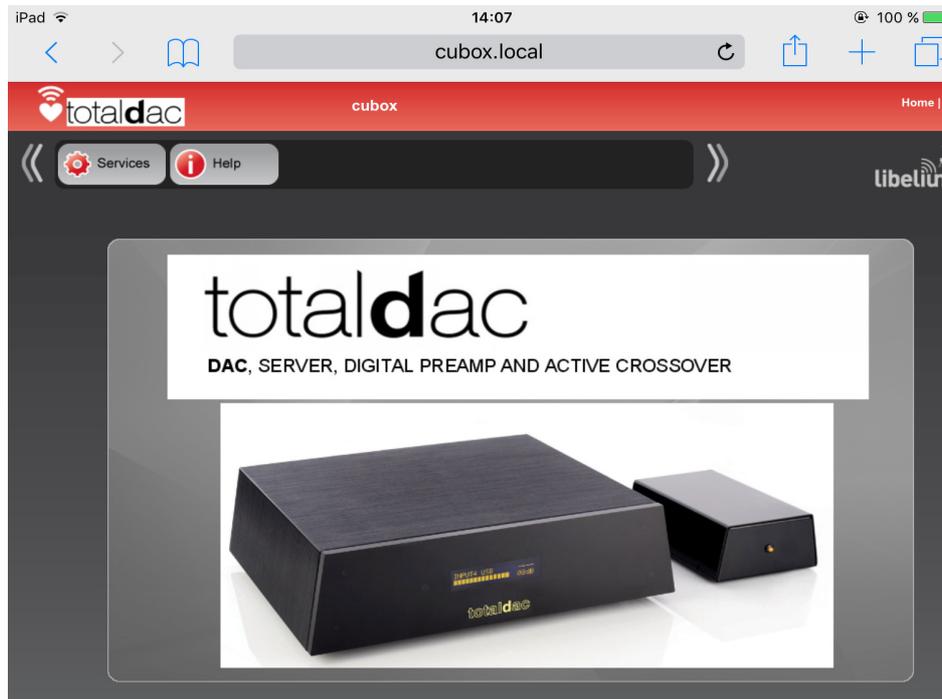
<http://cubox:8080>

if it doesn't work try this address:

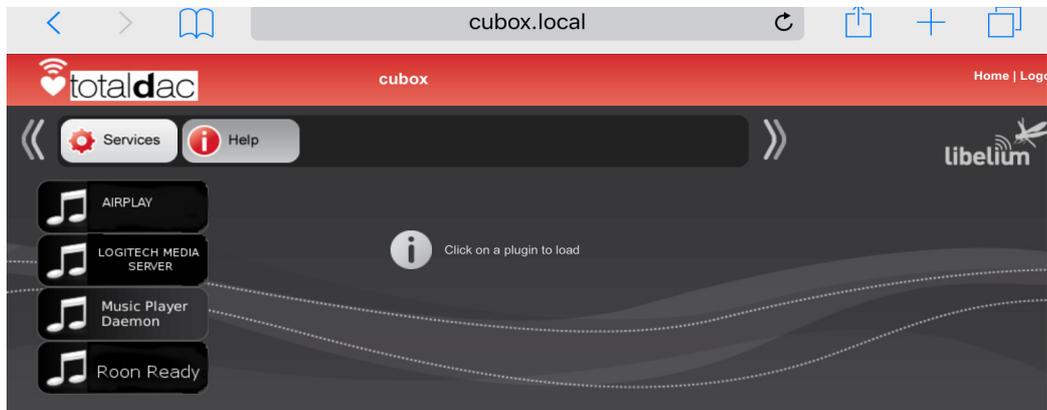
<http://cubox.local:8080>

This page can be accessed at least 2 minutes after the boot of the d1-server.

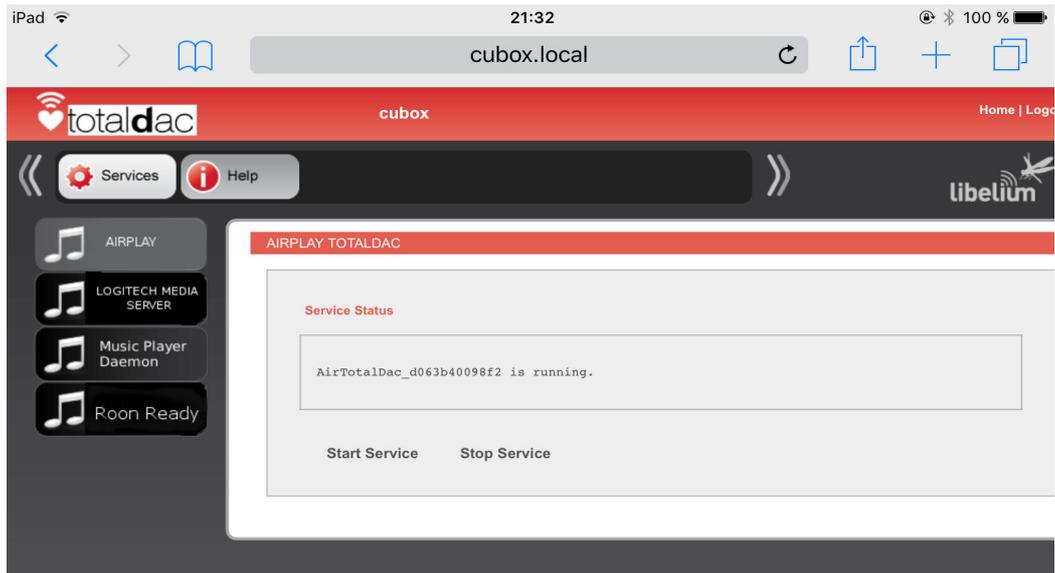
This page appears:



Push **Services**, this page appears:



You can clic on the application you need, for example Airplay, and you can enable it (**Start Service**) or disable it (**Stop Service**):



By default in the firmware these functions are enabled:

- AIRPLAY
- Music Player Daemond (MPD for Soundirok), associated to upnp
- RoonReady

By default these functions are disabled:

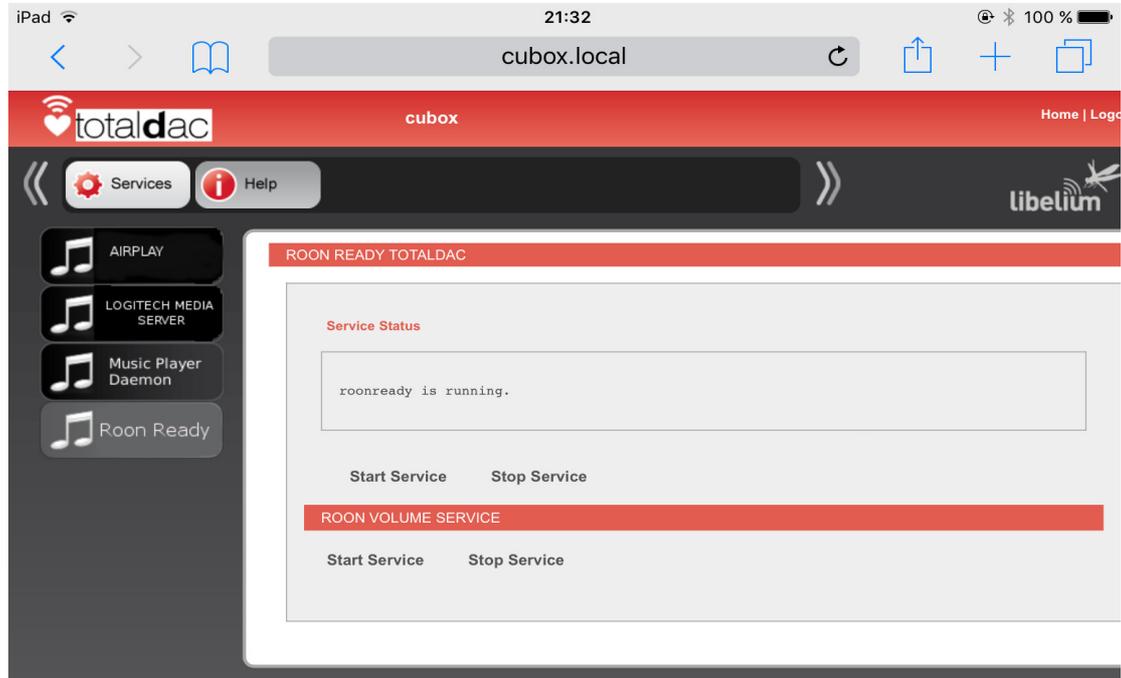
- LOGITECH MEDIA SERVER (LMS)

You can enable Logitech Media Server, then it needs up to a few minutes to boot completely, so wait about 5 minutes before launching lpeng application in the Ipad.

Take care, LMS keep the exclusivity of the audio port when they are enabled. Disable them when you don't use them anymore.

RoonReady

To be usable, RoonReady must be activated in the web interface.



See also the red line **ROON VOLUME SERVICE**

Clic **Start Service** to enable the volume control in Roon interface.

It allows to enable the digital volume control in Roon, to be able to control the volume from Roon graphic interface, for example on the Ipad. In this case DSD files are converted to pcm 176Khz/24.

By default the volume control in Roon graphic interface is disabled, so you must use the Totaldac infra red remote control or the volume button of your amp or preamp. DSD files are read as native DSD in this case.

When using Roon on the computer, just enable the auto-detected RoonReady device called 'd1-server'. Leave the setting corresponding to the RoonReady device by default (resync delay '0ms', max sample rate 'disabled', max bits per sample 'disabled').

When after using RoonReady you want to use another functionality such as MPD, LMS, upnp or Airplay stop the music in Roon to free the audio port.

Ipeng application (LMS)

Ipeng Ipad application can control the embedded Logitech Media Server (LMS).

First connect your Ipad to the Internet using an Internet capable Wifi network. Buy and install the application called "Ipeng squeezebox remote control" on the Apple Store.

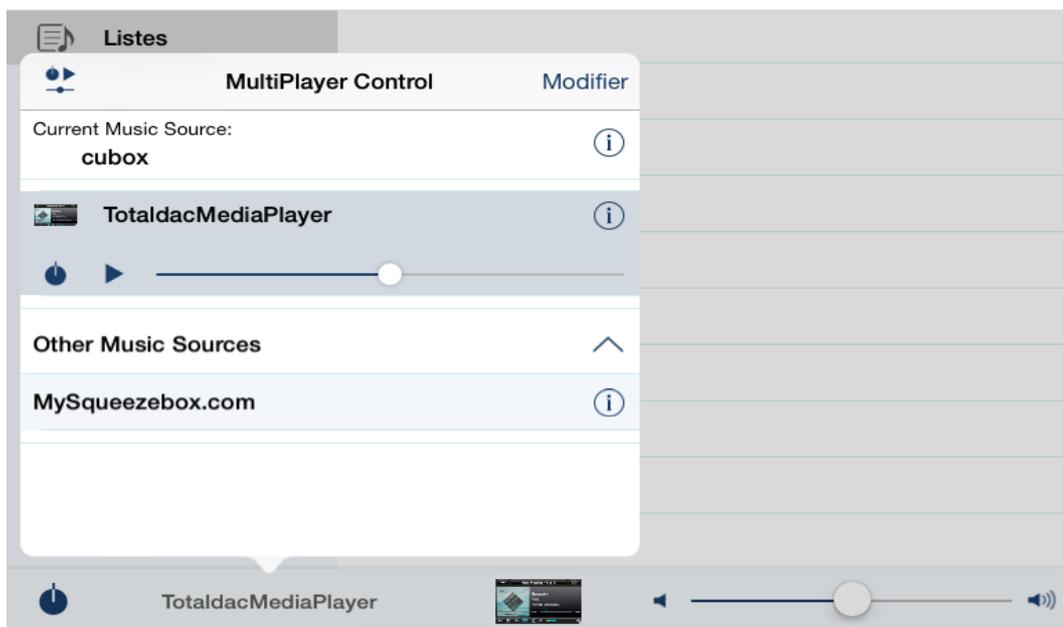
Switch ON the d1-server (equipment with its loop USB cable), let it boot, it takes a few minutes.

This application can be used to play files from a NAS or a USB dongle/disk and can be used for streaming (Tidal for example) from internet

Launch Ipeng application.

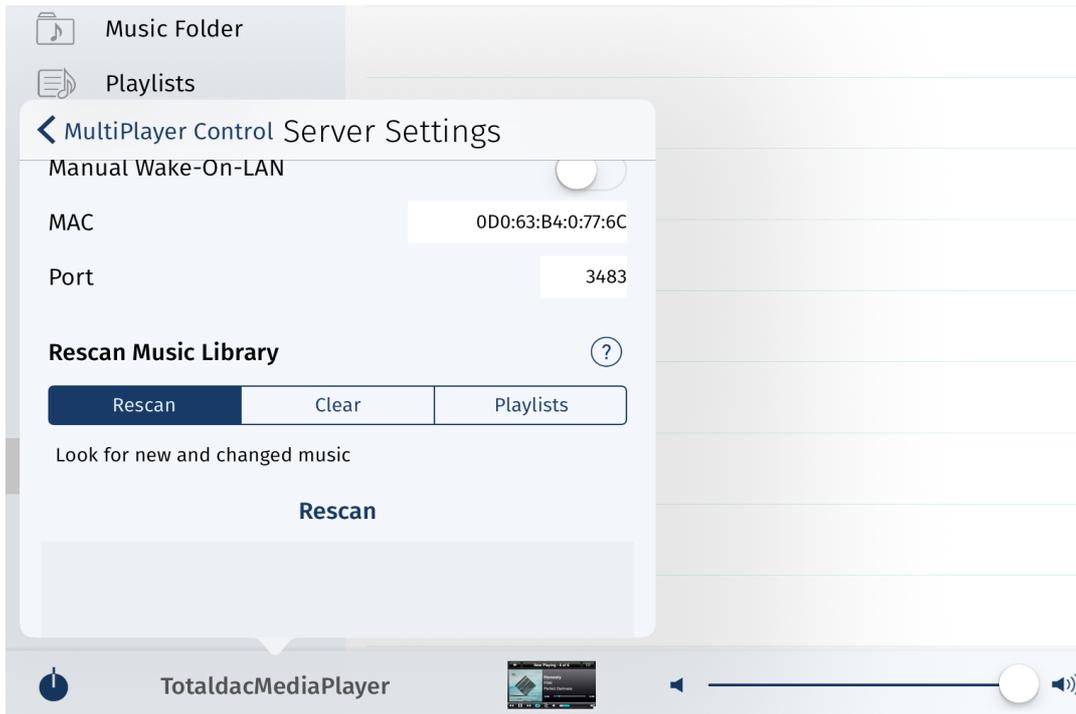
On Ipeng clic at the bottom of the page on TotaldacMediaPlayer

Then a menu appears (MusicPlayer Control)



Clic on the circle containing a letter « i » at the right of « Current Music Source : cubox ».

Scroll down and press **Rescan** at the bottom.



The NAS and/or USB disc will be scanned. Once the scan is finished you can play your music.

iPad 12:43 99% battery

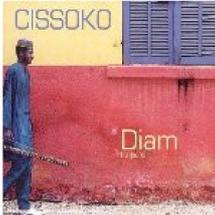
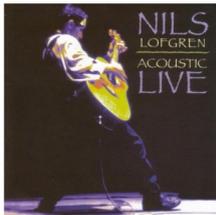
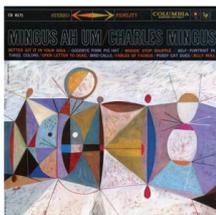
Martin Schmeding, Tilo Medek
Cybele SACD 060801 DSD Stereo 09
 Tilo Medek Orgue (DSD)

0:00 11:02

Albums

- Album Artists
- Artists
- Composers
- Albums**
- Compilations
- Genres
- Years
- New Music
- Random Mix
- Music Folder
- Playlists
- Library Views
- Radios
- App Gallery
- Favorites
- My Apps
- Extras
- Settings
- Help

A

		
Abbey sings Abbey Abbey Lincoln	Abbey Sings Abbey Abbey Lincoln	Abdullah Ib...m - Yarona Abdullah Ibrahim
		
Ablaye Ciss...M (La Paix) Ablaye Cissoko	Achtung Baby U2	Acker Bilk - Blaze Away Acker Bilk
		
ACO21510_192k Duisburger...Darlington	Acoustic Live Nils Lofgren	Acoustica Scorpions
		
Ah! Perpinyà Blues De Picolat	Ah Um (DSD) Charles Mingus	Aha Shake Heartbreak Kings of Leon

TotaldacMediaPlayer

Note that for the best audio quality you should set the volume in Ipeng to 100%.

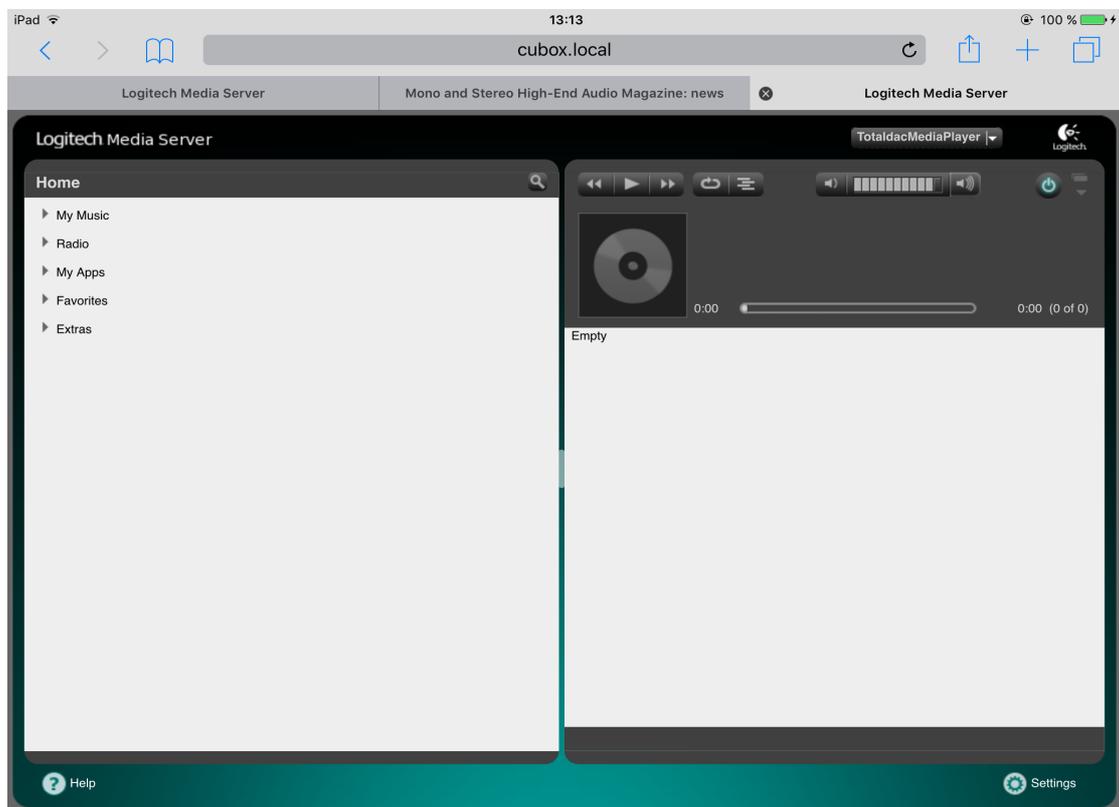
Music streaming with LMS

Squeezebox control or advanced settings are available from the Ipad Safari web browser at <http://cubox:9000> or <http://cubox.local:9000>

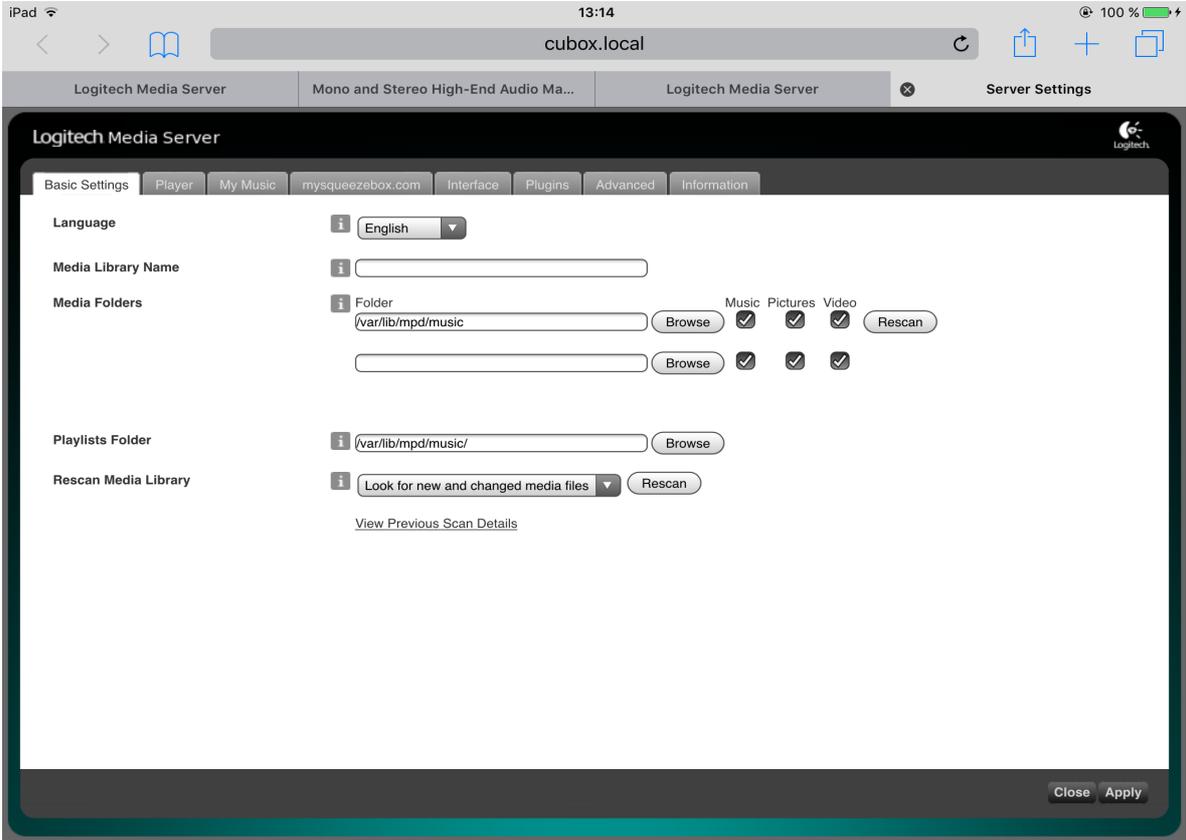
You can use this web access from any kind of computer, tablet or smartphone.

Take your ipad horizontally to improve the resolution.

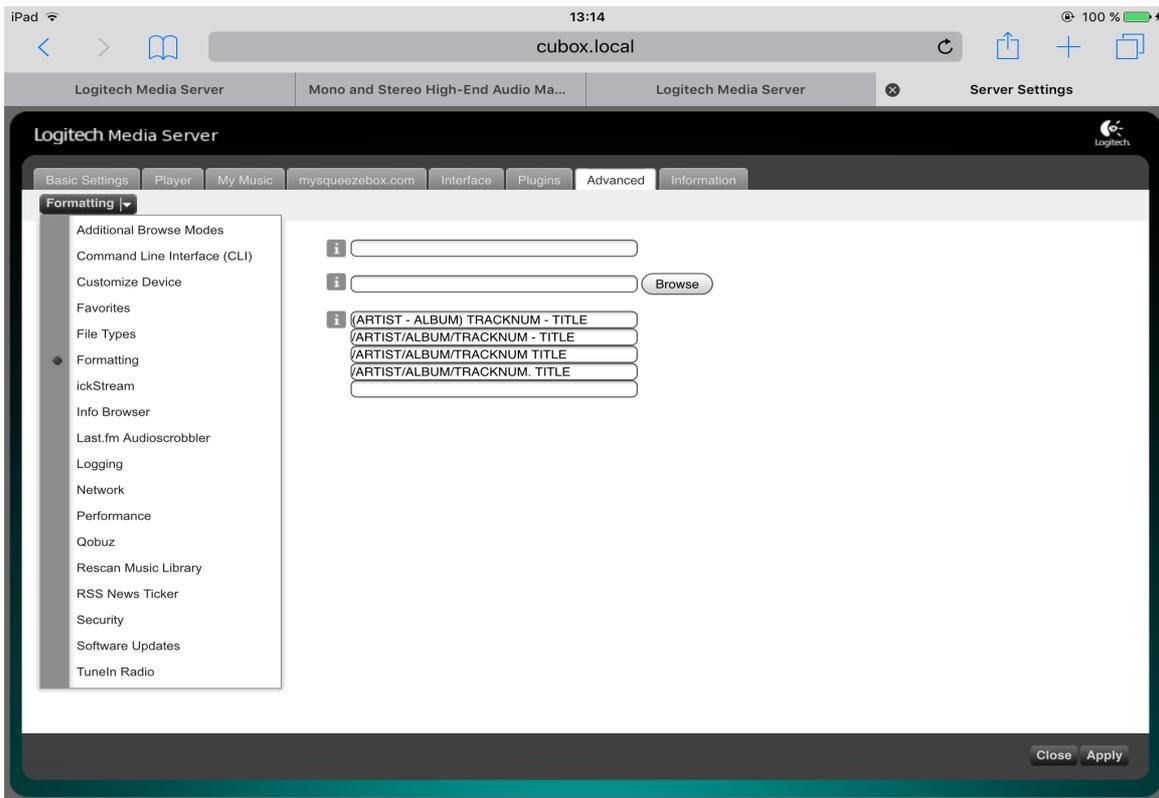
This page appears:



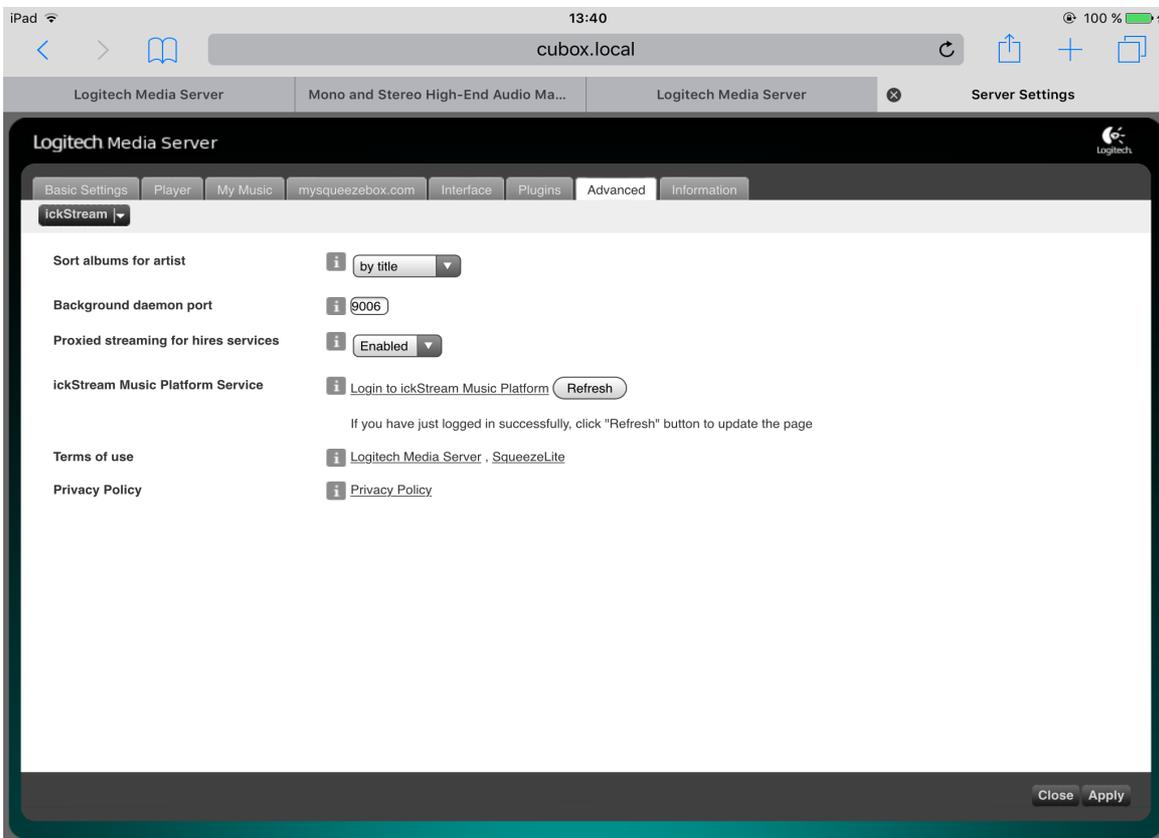
Press **Settings** in the bottom and this page appears:



Press **Advanced**, open the sub-menus:

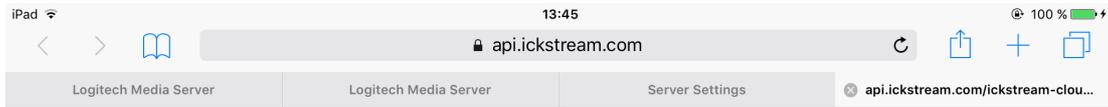


and select **ickStream**

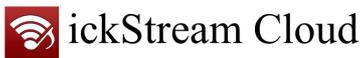


Clic on the link «login to ickStream music platform »

The following menu appears :

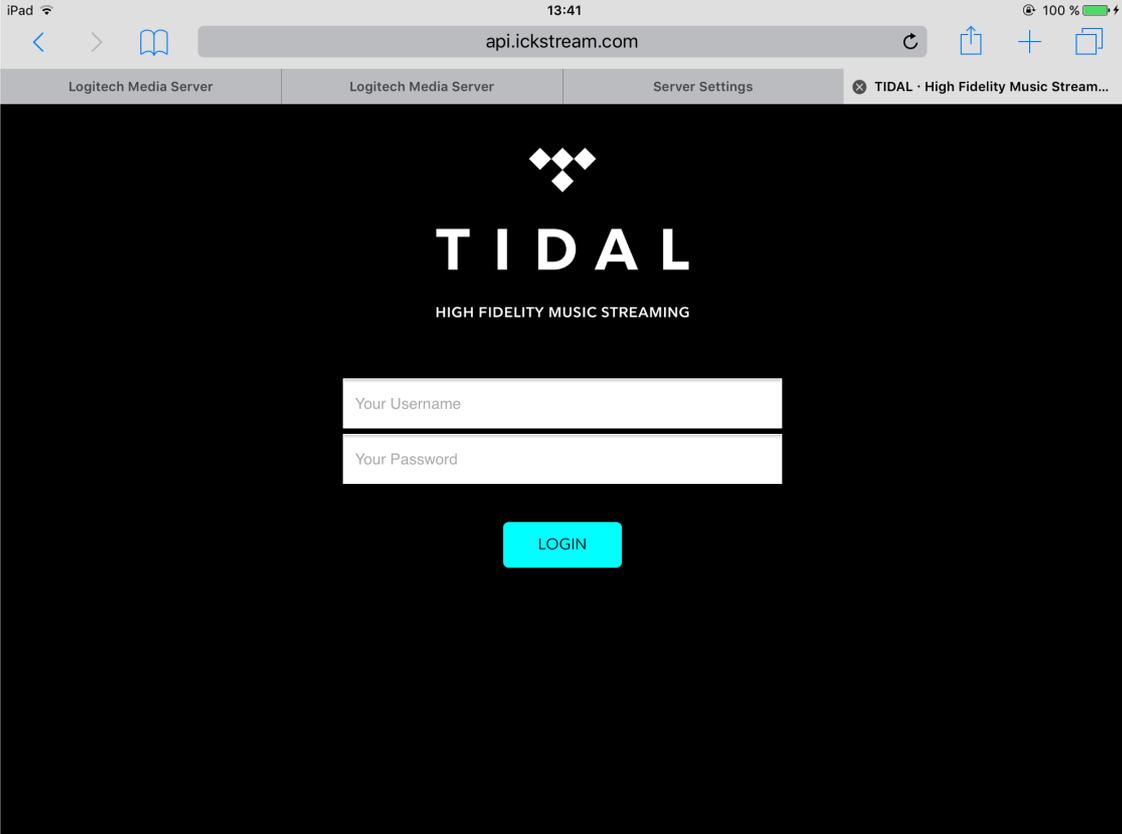


Register/Login using:



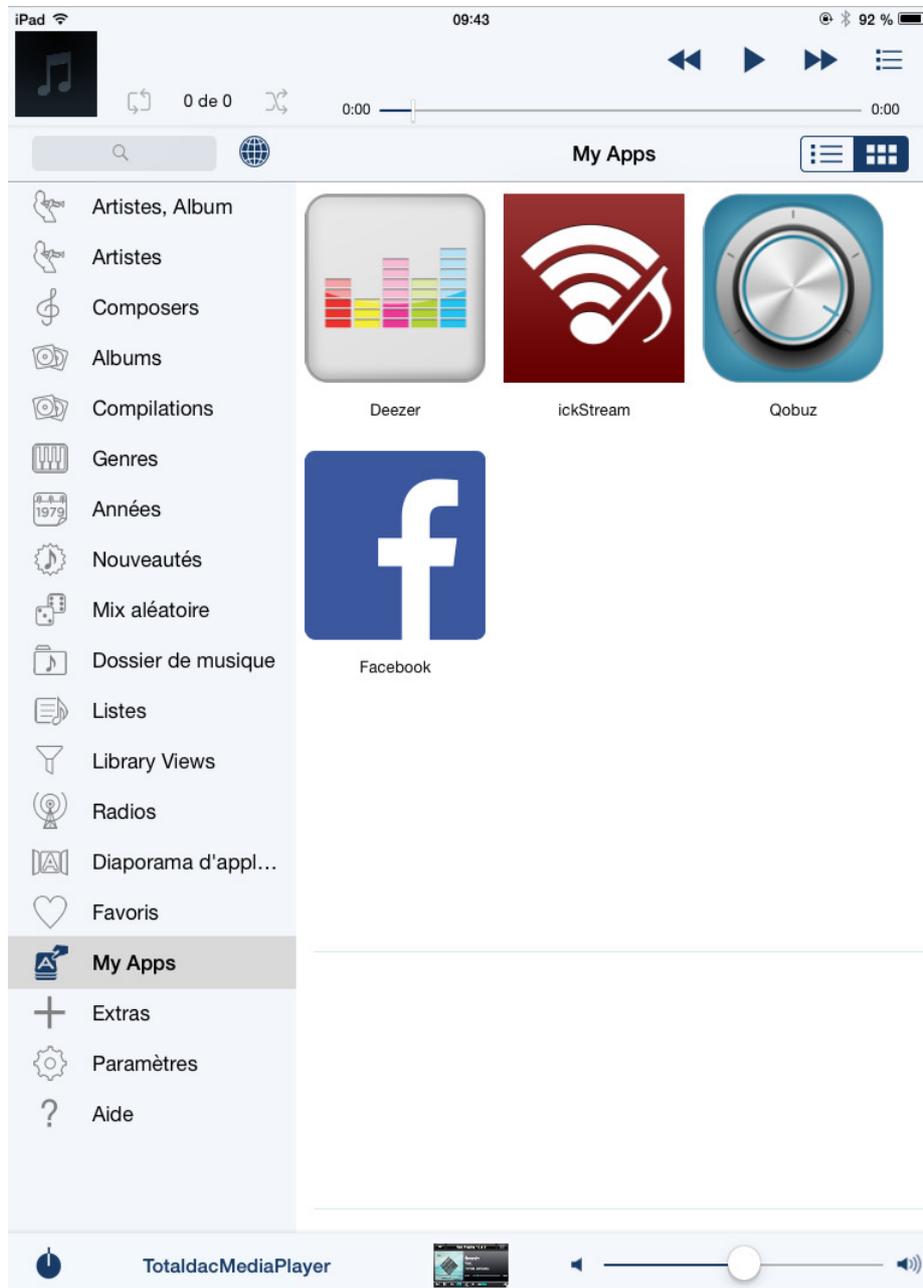
Then clic on the service that you need. Choose for example Tidal.

Then enter your login and password.

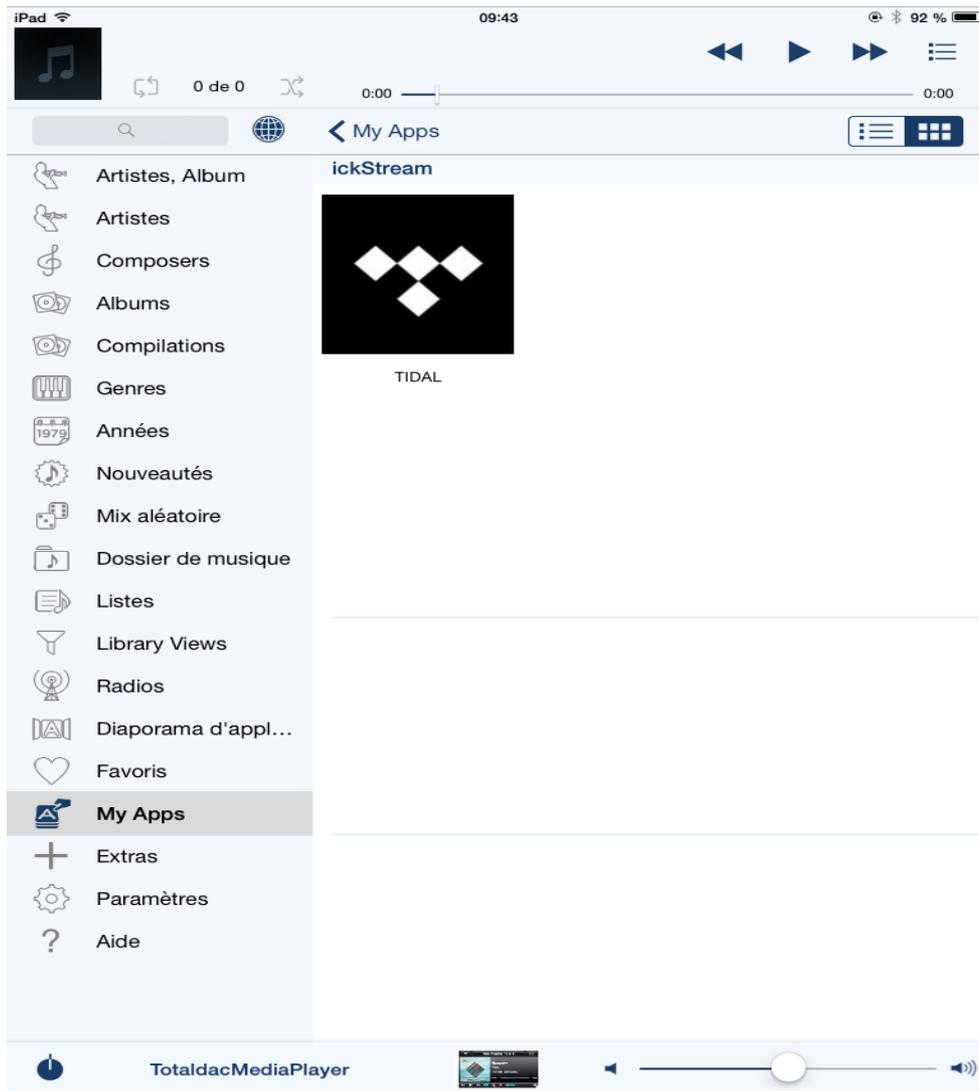


Once you have entered your Tidal login and password kill the Ipeng application, switch OFF the d1-server power supply button, wait at least 5 seconds, switch the power supply ON again, leave it boot at least 5 minutes, then launch again Ipeng application.

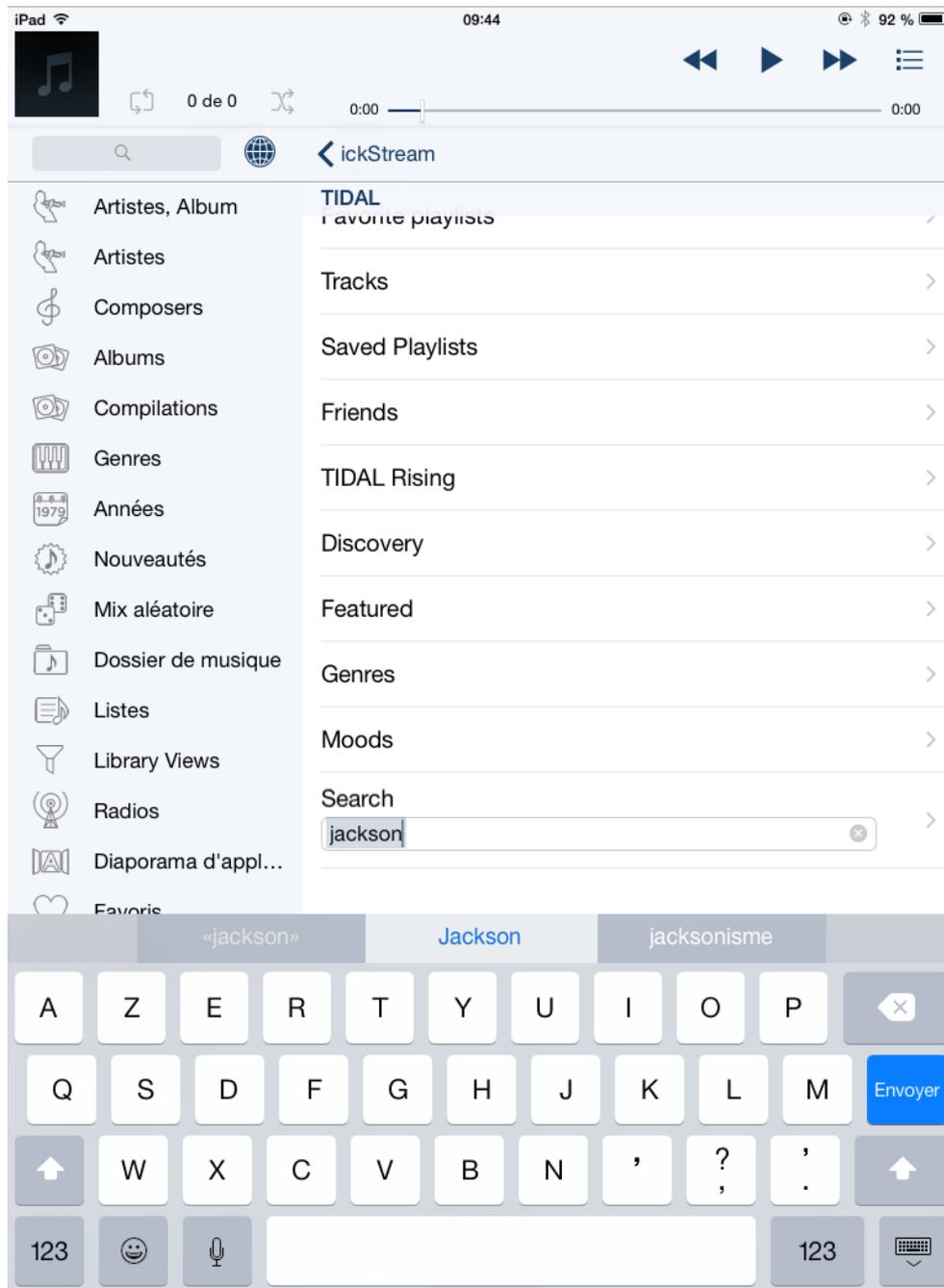
Clic "My Apps", then all streaming tools appear:



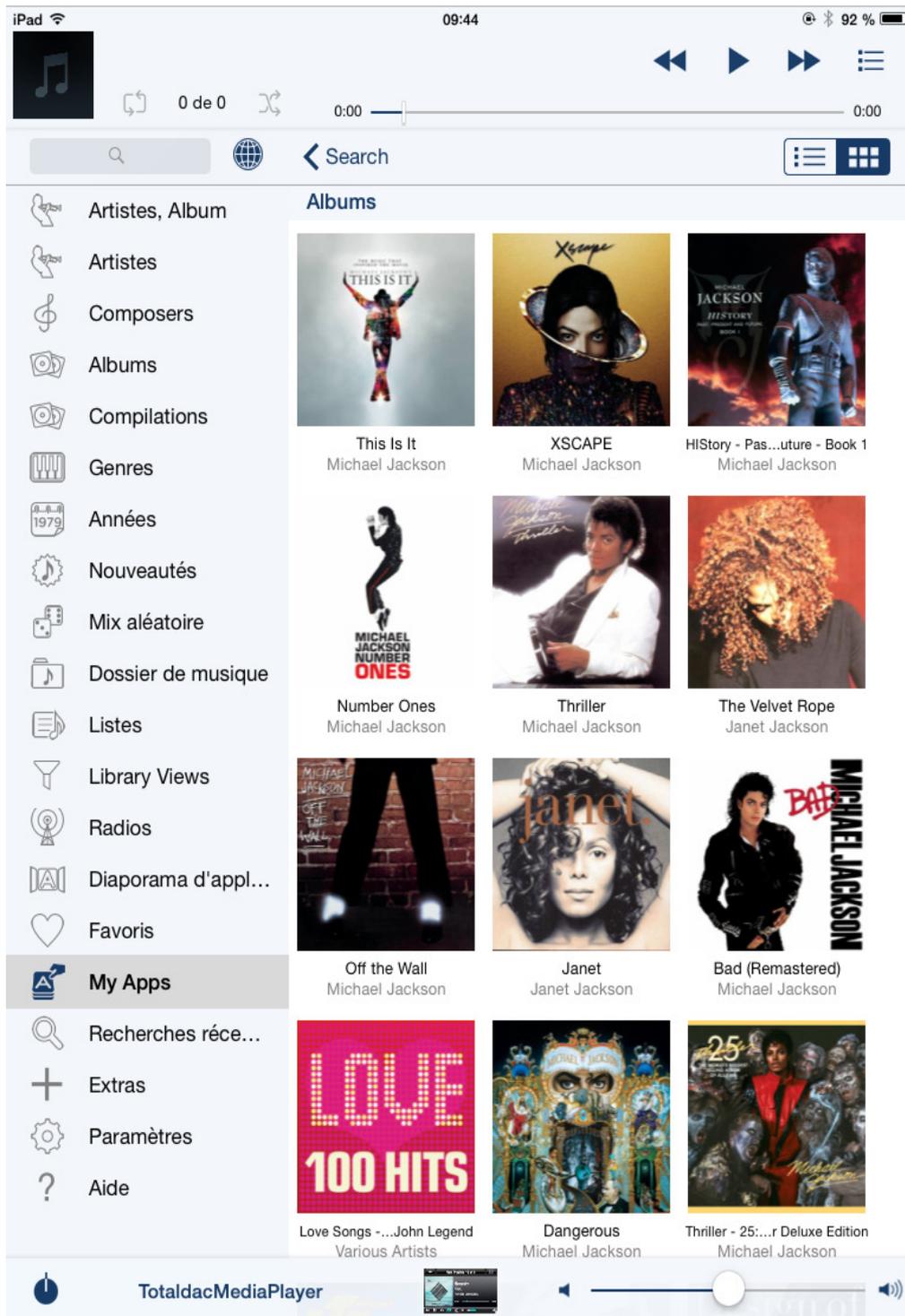
Clic ickStream, then Tidal:



Once in Tidal you can for example launch a search (at the bottom):



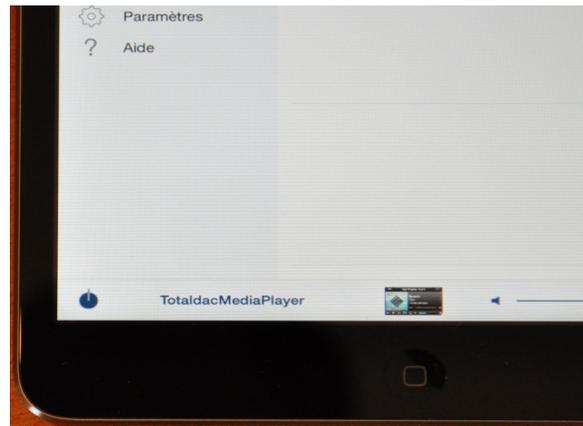
Then clic “albums” and all corresponding albums appear and you can play them:



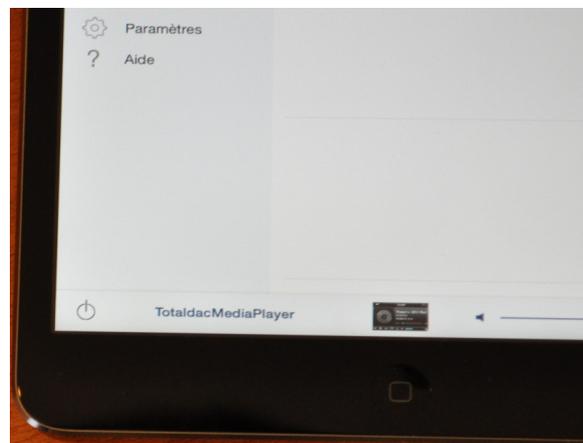
Releasing Ipeng audio output for other audio applications

When Logitech Media Server is enabled the audio output is reserved for Ipeng and this prevents MPAD , Airplay, RoonReady and upnp/DLNA from playing audio files. To free the audio path for other applications you have just push the Ipeng ON/OFF button.

Ipeng application with audio activated for Ipeng, so audio not allowed for MPD or Airplay or other:



Ipeng application with audio deactivated for Ipeng, so audio allowed for MPD or other:



Instead you can also disable LMS in the web interface. This way LMS will not take resources in the processor.