

# **TOTALDAC d1-server User's Guide for LMS**

2017 October 17th

#### All possibilities to use the Totaldac d1 server

The possilities to use the Totaldac d1 server are:

-Ipeng to control the internal Logitech Media Server (squeezbox) 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**):

iPad ᅙ					21:32			🕑 🕴 100 % 💼
<	>	$\square$			cubox.local	Ċ	Û	+
€to	otal <b>d</b> a	ac		cubox				Home   Logo
《 🧕	Services	Н	elp			>>		libelium
5	AIRPLAY		AIRPLAY T	OTALDAC				
5	LOGITECH SERVE	MEDIA R	Servi	ice Status				
5	Music Pla Daemon	ayer	Aiı	rTotalDac_d063	b40098f2 is running.			
	NUUTIN	eady	s	itart Service	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 Ipeng 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

iPad ᅙ		21:32		🕀 🕴 100 % 🔲
<	> 🔟	cubox.local	Ċ	
<b>e</b> tot	al <b>d</b> ac	cubox		Home   Logo
《 🜻	Services	Help	»	libelium
<b>5</b>	AIRPLAY	ROON READY TOTALDAC		
<b>5</b>	OGITECH MEDIA SERVER	Service Status		
	Music Player Daemon	roonready is running.		
<b>م م</b> ۲۰	bon Ready	Start Service Stop Service		
		ROON VOLUME SERVICE		
		Start Service Stop Service		

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 'd1server'. 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 Logitec 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)

E)	Listes	
<u>•</u>	MultiPlayer Control	Modifier
Current C	: Music Source: ubox	i
	TotaldacMediaPlayer	í
é	▶•	
Other	Music Sources	^
MySq	ueezebox.com	í
~		· · · · · · · · · · · · · · · · · · ·
•	TotaldacMediaPlayer	A to the second

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

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

Music Folder		
Playlists		
KultiPlayer Control Server Se	ettings	
Manual Wake-On-LAN	$\bigcirc$	
MAC	0D0:63:B4:0:77:6C	
Port	3483	
Rescan Music Library		
Rescan Clear	Playlists	
Look for new and changed music		
Rescan		
• TotaldacMediaPlayer	Image: State	<ul> <li>• • • • • • • • • • • • • • • • • • •</li></ul>

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



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

# **Music streaming with LMS**

Squeezbox control or advanced settings are available from the Ipad Safari web browser at <a href="http://cubox.9000">http://cubox.9000</a> or <a href="http://cubox.9000">http://cubox.900</a> or <a href=

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 **Setttings** in the bottom and this page appears:

iPad ᅙ	13:14	4		🕑 100 % 💳 t
$\langle \rangle $	cubox.l	ocal	C	
Logitech Media Server	Mono and Stereo High-End Audio Ma	Logitech Media Server	•	Server Settings
Logitech Media Server				Logitech
Basic Settings Player My Music	mysqueezebox.com Interface Plugins Ac	dvanced Information		
Language	i English V			
Media Library Name	i (			
Media Folders	i Folder (var/lib/mpd/music	Music Pictures Video	Rescan	
		Browse 🖉 🖉		
Playlists Folder	i (var/lib/mpd/music/	Browse		
Rescan Media Library	i Look for new and changed media files	Rescan		
	View Previous Scan Details			
				Close Apply

Press Advanced, open the sub-menus:

iPad 중		● 100 % ● # # # # # # # # # # # # # # # # # #			
	Logitech Media Server	Mono and Stereo High-End Audio Ma	Logitech Media Server	8	Server Settings
Logi	i <b>tech</b> Media Server				Logitech
Bas For	Network     Player     My Music       Additional Browse Modes     Command Line Interface (CLI)       Customize Device     Favorites       Favorites     File Types       Formatting     Interface       ickStream     Info Browser       Last.fm Audioscrobbler     Logging       Network     Performance       Qobuz     Rescan Music Library       RSS News Ticker     Security       Software Updates     TuneIn Radio	mysqueezebox.com Interface Plugins Ad	Vanced Information Browse		
					Close Apply

#### and select ickStream



Clic on the link «login to ickStream music platform »

The following menu appears :

iPad ᅙ	13	::45	
$\langle \rangle$ $\square$	🔒 api.icks	tream.com	c 🛈 + 🗇
Logitech Media Server	Logitech Media Server	Server Settings	api.ickstream.com/ickstream-clou
Register/Login	n using:		
Deezer			
Facebook			
8+ Google			
🕱 ickStream (	Cloud		
🔗 Qobuz			

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

Then enter your login and password.

iPad ᅙ	13	:41	🕒 100 % 💳 +
$\langle \rangle$ $\square$	api.ickstr	eam.com	c 🛈 + 🗇
Logitech Media Server	Logitech Media Server	Server Settings	S TIDAL · High Fidelity Music Stream
	•	•	
	TIC	DAL	
	HIGH FIDELITY M	USIC STREAMING	
	Your Username		
	Your Password		
	LO	GIN	

Once you have entered your Tidal login and password kill the Ipeng application, switch OFF the d1server 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.

> iPad 🤶 09:43 @ 🖇 92 % 🔳  $\equiv$ ы 53 0 de 0 0:00 0:00 Q My Apps :≡ ::: (James Artistes, Album ( depart Artistes 6 Composers OD Albums OD Compilations Deezer ickStream Qobuz Genres 1979 Années  $\{\tilde{\mathbf{A}}\}$ Nouveautés r. Mix aléatoire I Dossier de musique Facebook Listes Y Library Views (@) Radios Diaporama d'appl...  $\bigcirc$ Favoris Ă My Apps +Extras 20 Paramètres ? Aide Û TotaldacMediaPlayer -

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):

iPad 🗢 09:44							(	₽∦92% 📼		
								◀◀		
	ςΰ	0 de 0	ЭÇ	0:00	]					0:00
	Q		) <	ickStrear	m					
(Alexandree)	Artistes, Album									>
	Artistes			Tracks						
9 9	Compo	sers	S	aved Pla	ylists					>
	Compil	otiona	_							
	Compil	ations	FI	riends						>
	Genres		Т	IDAL Ris	ing					>
1979	Années		D	Discovery					\ \	
$\langle \mathfrak{D} \rangle$	Nouvea	utés								
	Mix aléatoire			Featured					>	
	Dossier	<sup>r</sup> de musiq	<sup>ue</sup> G	Genres					>	
Eð	Listes		N	Moods						>
Y	Library	Views								
	Radios		S	Search jackson o					>	
	Diapora	ama d'app	I							
$\sim$	Favorie	«iacks	son»		Jackso	n	iac	ksonism	1e	
							jao			
Α	Z	E	R	Т	Υ	U	I	0	Р	×
Q	S	D	F	G	н	J	к	L	м	Envoyer
	W	x	С	V	в	Ν	,	?	,	÷
123		Ŷ							123	Ň

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 disactivated 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 ressources in the processor.