

Technology Setup for MAC and PC to send a live audio stream to www.thethursdaynightshow.com ('TTNS')

Download and install the free software with the endlessly amusing name 'BUTT' from <https://danielnoethen.de/butt/>

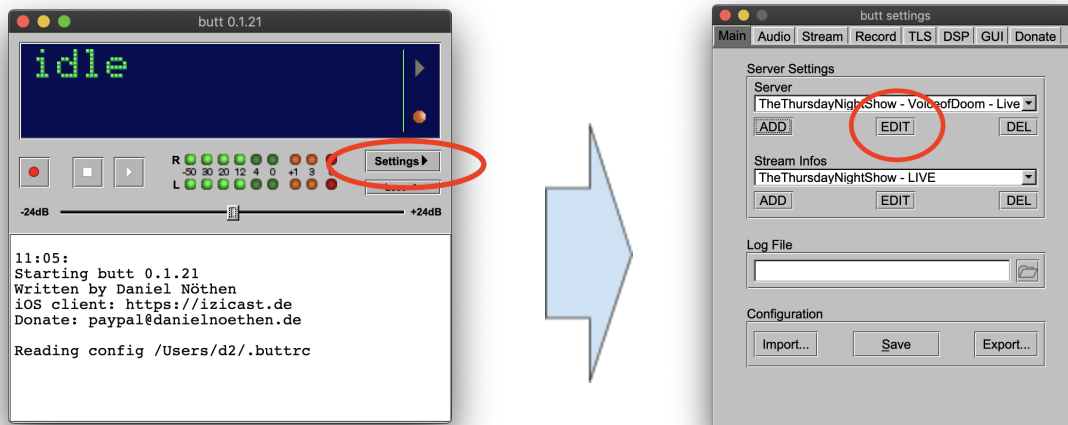
Once installed it looks like this (note there are a few versions of BUTT so the UI might look ever so slightly different from one to the other but the settings are the same on all versions).



>>> More on Page 2!

Stream Connection

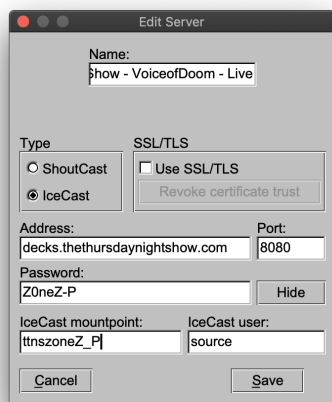
Click 'Settings'



Click 'ADD' (or 'EDIT' if you are returning to a previous setup) underneath the "Server" Drop Down:

Complete as below. **We will explain username and passwords at the end of this document.**

The full 'address' (that you can't quite see in the ui / image) is "**decks.thethursdaynightshow.com**" and the port is '**8080**', and Icecast User is '**source**'.



That's all you need to set up to configure the stream connection to TTNS servers!!!!

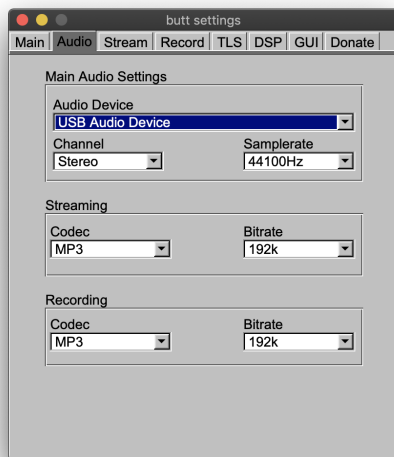
Now let's get some audio into the stream.

Audio Device.

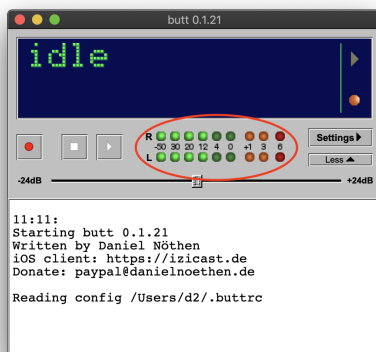
The trickiest part of all this is making sure you have the right **Audio Device** – it will often take some fiddling to get it right and since there is no hard and fast rule on how your computer is set up - if you get stuck ping the TTNS crew: we may need to spend a few minutes on skype together to get it finalized.

Click the Audio Tab,

The important thing is to make sure that you select the device that you are creating the sound on - eg a microphone or a USB Audio Device etc,



When you have it connected and you make some music you can see a level on BUTT's level meter moving with the sound as shown below. - TREAT THE ORANGE LIGHTS AS RED PEAKS!! The 'slider' under the meter is a fine adjustment for the audio level but try to leave it default and adjust your mixer and inputs first...

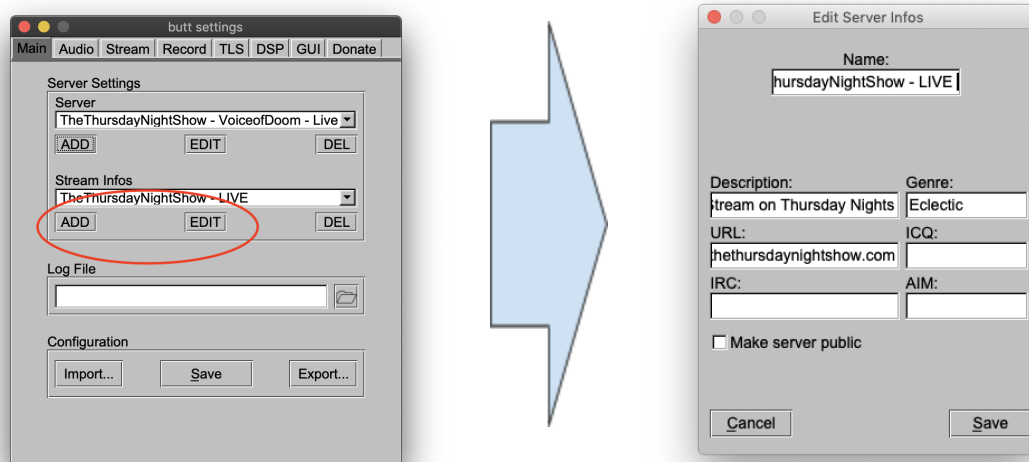


WE ARE ACTUALLY GOOD TO GO NOW!!!!!! But read on...

Other settings of lesser importance!

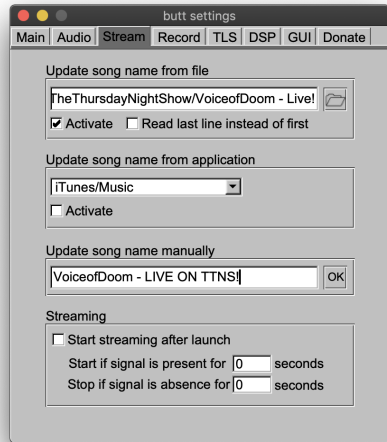
If you have got this far then you are good to go live. The remaining settings are for perfectionists!

Click ADD (or EDIT if one is already there) to edit Stream Info' settings



These settings are not super-important - but it ensures your show has good metadata. You can actually put what you like in these boxes - copy mine if you have no idea :)

Now Click the 'Stream' tab:



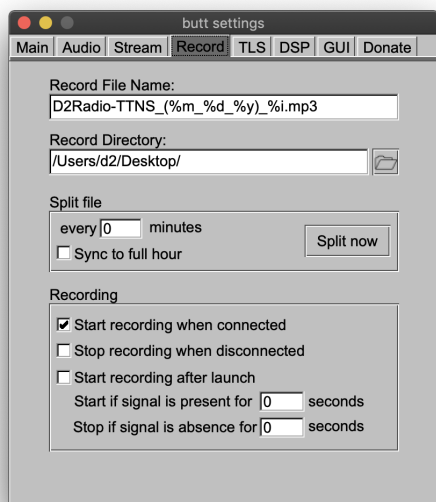
Copy the settings above - apart from the 'Update song from file' which is specific to my setup (If you are technical please create a simple text file with your DJ name in and save it to disc then select it in this box. This will embed your DJ name in the stream and it will show up in the website etc. It is not essential.)

Select your DJ app if you are using one in the 'Update Song Name from Application' box. This will pick up the song names and push them into the stream so players can display album art and the track names will display on media players etc.

You can type what you like in the Update Song Manually box when you are live and then hit ok – it will show in the TTNS website and the media players and radio players wherever the stream is played.

Note METADATA TEXT IS LIMITED TO 30 Characters in the TTNS system and '-' and apostrophes are stripped out.

Now select the Rec tab:



This allows you to setup BUTT to record a copy of the stream locally to disc. Leave everything in defaults apart from the 'Save to' location - set that to somewhere where you can find your archives. Each time you start a recording the file is date stamped so they never overwrite.

Recording can be stopped and started without starting the stream, but if you check 'start rec. when connected' then every time you start streaming by pressing the 'play' button on the main UI it will also record to your local disc.

In the main UI the 'Red' Circle button stops and starts recording WITHOUT starting a live stream. This can be handy for recording audio digitally, and also provides a way to check your sound before you go live.



You are now fully ready to go!

Do NOT test this setup on THURSDAYS!!!! You may 'cut across someone else's show!

Going Live

We have a 'ladder' of usernames and passwords. Who uses which will depend on when they are live on the given day.

In the image below you can see the mountpoint 'ladder' on the left in RED and you can see the 'typical' timezones that these are allocated to. **We will give you the passwords when you are given a slot!**

Mountpoint	WELLINGTON	Singapore	UK	East Coast	Pacific Coast
<i>ttnszone1_3</i>	22.00	18.00	11.00	6.00	3.00
<i>ttnszone1_4</i>	23.00	19.00	12.00	7.00	4.00
<i>ttnszone1_5</i>	0.00	20.00	13.00	8.00	5.00
<i>ttnszone2_1</i>	1.00	21.00	14.00	9.00	6.00
<i>ttnszone2_2</i>	2.00	22.00	15.00	10.00	7.00
<i>ttnszone2_3</i>	3.00	23.00	16.00	11.00	8.00
<i>ttnszone2_4</i>	4.00	0.00	17.00	12.00	9.00
<i>ttnszone2_5</i>	5.00	1.00	18.00	13.00	10.00
<i>ttnszone3_1</i>	6.00	2.00	19.00	14.00	11.00
<i>ttnszone3_2</i>	7.00	3.00	20.00	15.00	12.00
<i>ttnszone3_3</i>	8.00	4.00	21.00	16.00	13.00
<i>ttnszone3_4</i>	9.00	5.00	22.00	17.00	14.00
<i>ttnszone3_5</i>	10.00	6.00	23.00	18.00	15.00
<i>ttnszone4_1</i>	11.00	7.00	0.00	19.00	16.00
<i>ttnszone4_2</i>	12.00	8.00	1.00	20.00	17.00
<i>ttnszone4_3</i>	13.00	9.00	2.00	21.00	18.00
<i>ttnszone4_4</i>	14.00	10.00	3.00	22.00	19.00

The times are not strict, but the order of the mountpoint 'ladder' is.

If you have a LOWER number than another BUTT connection you have PRIORITY - so if you press play you will cut across the HIGHER performer!

For example if i am playing on ttnszone3_5 and someone starts BUTT using ttnszone3_2 by accident then the audience will stop hearing me and hear the other person.

Equally if the CURRENTLY live BUTT connection is using a username LOWER than yours, and they are live, then your stream will not be heard by the audience when you start BUTT.

This means that you can connect BUTT a few minutes before you are due to perform, and then the TTNS crew use the CHAT ROOM on the website to help coordinate the handover.

To do the handover between one performer and the next the finishing performer warns the starting performer in the chat (eg 'finishing in 1min') and then when they are finished they PROMPTLY press the STOP button on the BUTT UI.

Note that because the stream takes about 8seconds to get from BUTT to the audience yet the chatroom is almost instant, if the finishing performer says in the chatroom 'i have stopped' you may not hear that change for about 8 seconds - but as soon as you read it in the chat room you can start making music - this avoids an 8 to 10 second gap between one performer and the next - this is something of a game for the experts on the show - can they do a seamless handover??!

So the really really important thing to remember is that the next artist will not be live on air until you stop BUTT - **so please please don't forget to stop BUTT the moment you finish!**

Some other bits to mention:

Schedules for Thursdays are found here:

https://docs.google.com/spreadsheets/d/1jliAHoQpyTsyNyrdashjmPuq0AkkTmkjJG42w1VwDds/edit?fbclid=IwAR2pbXZZClq-_zznkkJVYBy3JgwQYEKzZg5ecwRcGf9RcPdbQhUyVSUNpWA#gid=0

There are other events on other nights of the week that do not show here, but often we are not live and are playing archives - we WELCOME you to use the platform when no one else is live - but please check in the TTNS CREW WhatsApp group before you do - just in case anyone else has anything planned. This applies equally to spontaneous sessions or mixes as it does to soundchecks and tests. Remember people may be listening to the archives so try to start your tests or spontaneous sessions on the hour so the audience can finish hearing the show they are listening to before you start.!

Please get in touch with someone in the crew for passwords but there are numerous resources in www.thethursdaynightshow.com/production

The final thing - please use microphones and chat to folks in the chat room on air! This brings the listener community together and will make you feel appreciated for all your wonderful music and effort!

We really appreciate your effort and welcome to the TTNS CREW!!