

# **This is the advanced equipment of the TPF-TOOLS\_v1.1b for macOS 10.14+**

macOS "big sur" only Intel!

## **Important:**

Make sure that you have installed JackOSX! Take the 'TPF tool JackOSX Installer.command' to do this. If not, go to download install\_JackOSX

After the JackOSX installation, you have to restart your Macintosh. If everything went well, you should now create an aggregate. How to do this is described here:

<https://support.apple.com/en-us/HT202000>.

## **installer tpf-tool-advanced**

The 'tpf-tool-advanced' corresponds to the previous basic idea of TPF tools for eLearning the 'tpf-tool-basic' and 'tpf-tools-intermediate'. advanced stands for modularly structured application possibilities for eLearning and Performances (simple to quite complex settings). The most important addition is the possibility to create a 3D audio mix for headphones (binaural) as well as for speakers (ambisonics). Audio and video are independent of each other. Ultragrid can but does not have to be used.

## **Download:**

tpf-tools-advanced go to GitHub: <https://github.com/joambi/>

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## **Install the tpf-tools-advanced:**

- 1.download the DMG
- 2.open the DMG
- 3.open the folder ' installer-tpf-tools-advanced'
- 4.right-click the 'install-tpf-tools-advanced.command'
- 5.enter your admin-PW
- 6.follow the installer instructions.

# The Installer installs the following components:

## Applications:

- tpf-party.app (v1.1-beta4)
- tpf-client.app (v1.1-beta5)
- Ardour6.6.app
- uv-qt.app (Ultragrid 1.6+)

## Scripts:

- tpf-runner.command
- tpf-save-audio.command
- tpf-load-audio.command

## Folders:

- tpf-settings
- tpf-basic.txt
- tpf-audio-connections
- tpf-basic.xml
- ardour-templates
- tpf-basic.ardour

## tpf-video-scripts:

- video-runner-camera01.command
- video-runner-camera02.command
- video-selftest-camera01.command
- video-selftest-camera02.command

## tpf-uninstallers:

- uninstaller-JackOSX.command
- uninstaller-tpf-tool.command

Ambisonics & Binaural Audio-Plug-Ins (free) installed in: -> /Library/

## Audio/Plug-Ins:

- ICST Ambisonics Plugins --> ambisonics
- dearVR\_AMBI\_MICRO(free) --> binaural
- IEMPluginSuite\_v1.11.1 --> reverb

## Sources:

- JackOSX.0.92b3 to /Applications/Jack -> <https://ccrma.stanford.edu/software/jacktrip/osx/JackOSX>
- JMess to /usr/local/bin -> <https://github.com/jacktrip/jmess-jack>
- Ardour.app -> <https://ardour.org>
- Ultragrid -> <http://www.ultragrid.cz>
- TPF-TOOLS -> <https://gitlab.zhdk.ch/TPF>
- EMPluginSuite\_v1.11.1 -> <https://plugins.iem.at/>
- dearVRAMB/MICRO.pkg -> <https://www.dearvr.com/products/ambi-micro>
- Install Sennheiser AMBEO VR Mic A-B Converter 1.2.3.pkg -> <https://de-ch.sennheiser.com/ambeo-abconverter>
- ICSTAmbiPlugins2.1.0osx.pkg -> <https://bitbucket.org/christianschweizer/icst-ambisonics-plugins/>

## More Info:

<https://tpf-tools.postach.io/>

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