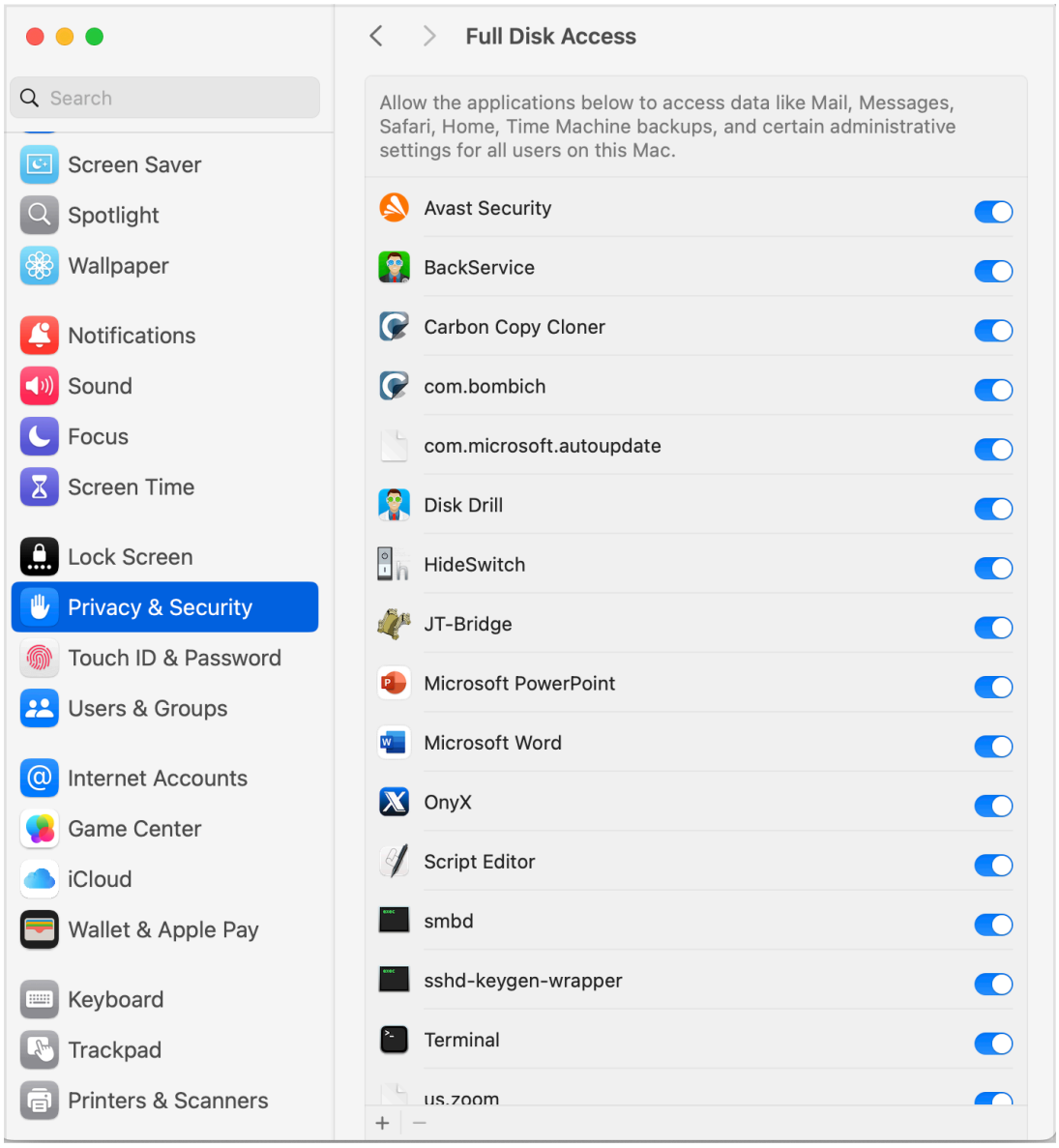
Guys, this problem shouldn't have anything to do with Loopback. The problem is permissions in MacOS for xDAX to access the mic and the app won't appear in the list to enable because the app hasn't been maintained for newer versions of MacOS. And the source code is not available for anybody to fix it.

Step One MAKE SURE TERMINAL has Full Disk Access in System Settings



But you can add an app manually to the list using the commandline. Before you do

this it's probably a good idea to back up your TCC database with:

cp ~/Library/Application\ Support/com.apple.TCC/TCC.db ~/TCC.db.bak

Then connect to the database server with:

sqlite3 ~/Library/Application\ Support/com.apple.TCC/TCC.db

You can list the current apps in the database with:

select * from access where service = 'kTCCServiceMicrophone' ;

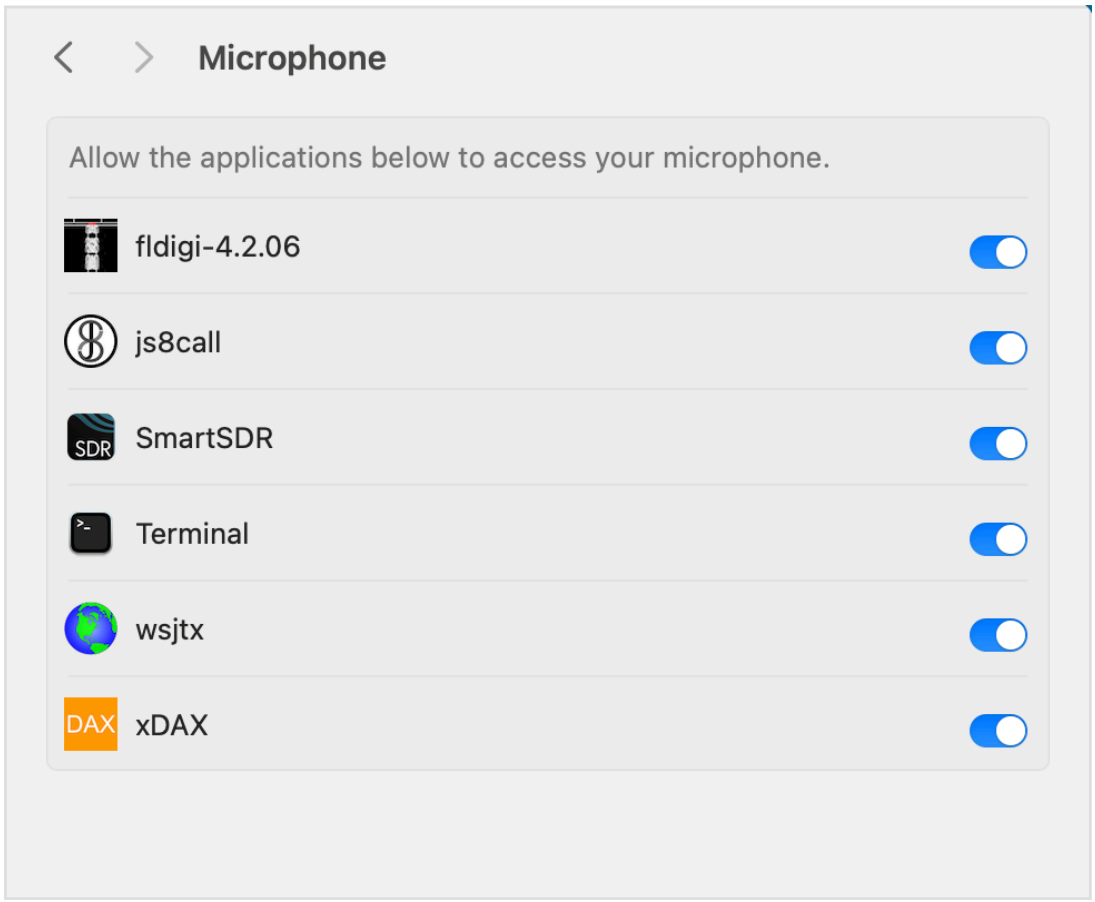
Take note of the table columns in the database because it's going to be different for older versions of MacOS. But for MacOS 15 Sequoia, for instance, you insert a record into the database with:

insert into access values ('kTCCServiceMicrophone','de.DL3LSM.xDAX', 0, 2, 2, 1, null, null, null, 'UNUSED', null, 0, 1737919031, null,null,'UNUSED', 0);

The 1737919031 column is the Unix format for the date in seconds since Unix Epoch. and at the time I'm typing this is the current Unix time. If you don't know what it is you can get the Unix time from this website for that table entry:

Epoch Converter

Now check your Settings → Privacy and Security → Microphone and xDAX should be in the list like so and now your Tx audio will work in xDAX:


Microphone
Allow the applications below to access your microphone.
fldigi-4.2.06
js8call
SmartSDR
Terminal
wsjtx
xDAX