

Modify AUX-input of amplituner Pioneer SCU 2556 from mono to stereo.

Remove amplituner from vehicle. Place it upsidedown and remove lid. (Use slotted screwdriver and pry it open.)

Caution! Take proper action to prevent static discharge from "killing" the electronics. Avoid wearing fleece or wool clothing. Discharge your body by touching any grounded object – like the kitchen sink...

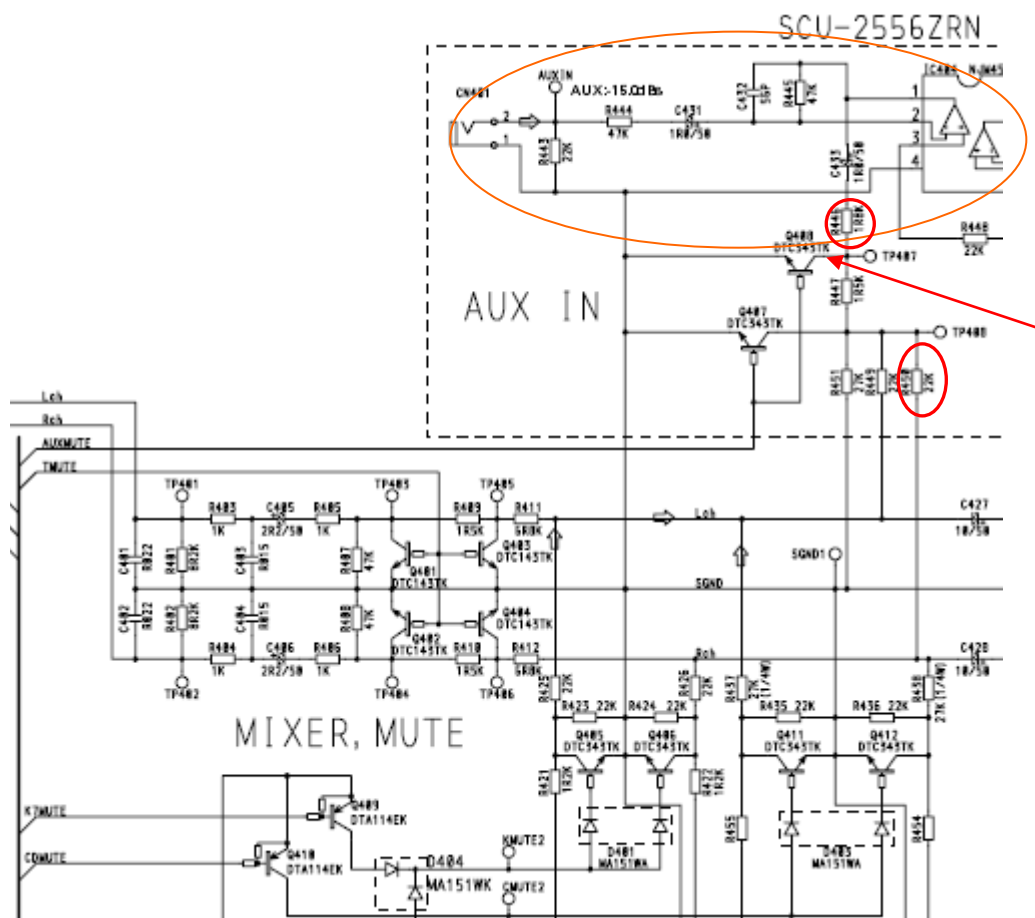
The following steps require basic electronics know-how and soldering skills.

The electronic components in the orange oval (see figure) makes out the AUX input circuit. This is mono, and has limitations in bandwidth. By removing resistor R446 (red circle) this circuit is disconnected. Also note picture below.

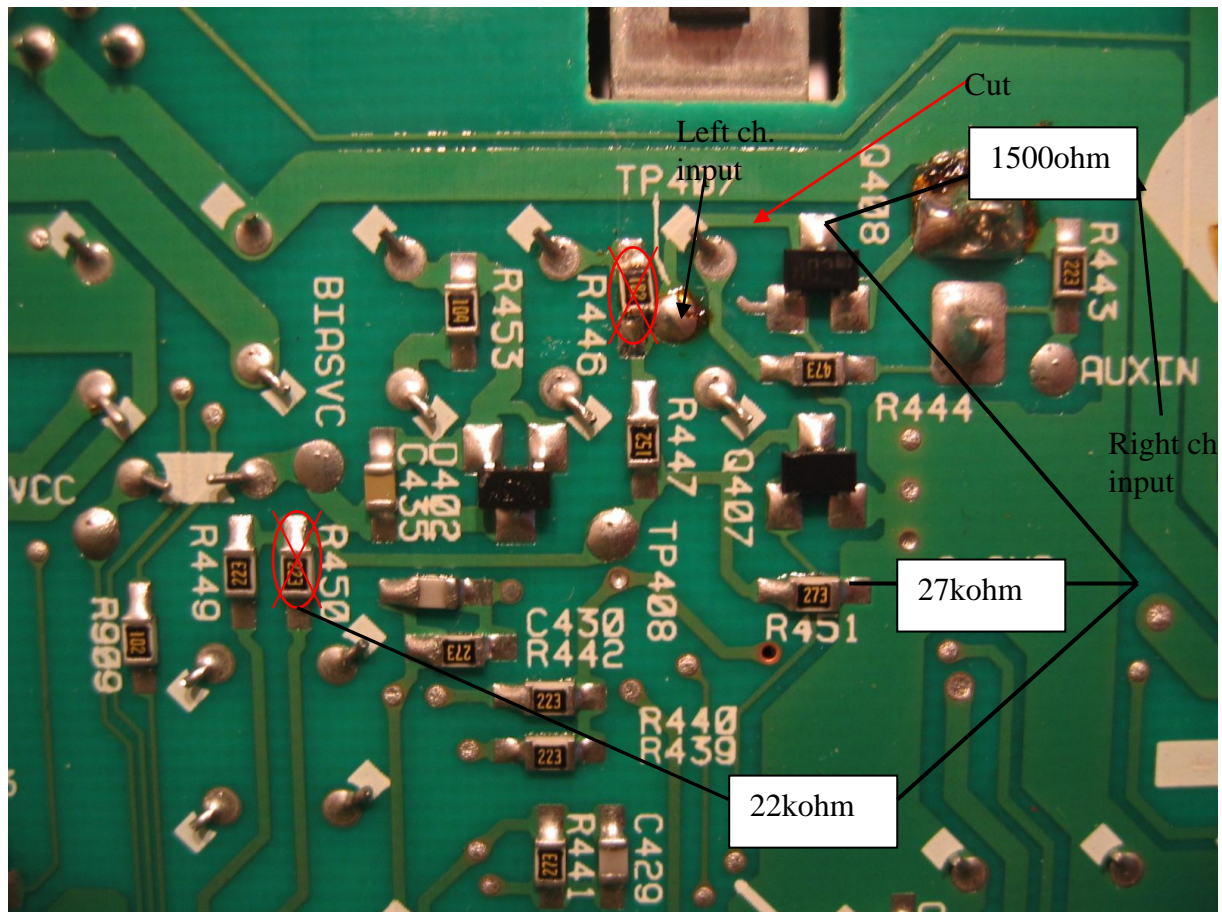
Connecting any audio signal to testpoint TP407, and it will appear in both channels (L + R). Remove R450 (red oval) to disconnect right hand side channel.

Transistors Q408 and Q407 are both controlled by the AUXMUTE-signal to mute aux-input when other sources are selected. Only one is needed, so Q408 is to be disconnected by cutting the copper track as shown in figure and picture with a red arrow.

Then connect audio signal for left channel at TP407.



Copy this circuit to make right channel input, as shown in picture below. (the white boxes represent resistors, and the black lines wires). Connections to printed circuitboard are only made at R450, R451 and Q408. Make sure no wire-ends may touch the circuitboard at any other places –use insulating tape or such. (I use hot glue to secure all components)



My circuitboard converted:

I chose a short cable and plugs.
May very well use a longer cable
All the way to your mp3 player or
other audio device.

Audio connected to this AUX-input
will mix with any other active
audio source, such as radio or cd.
Chose TAPE or CD, with no tape
or CD inserted to listen to AUX
only!

