

## Engineering change request ECR 20100101

The mini jack audio output was originally foreseen to listen to the spectrometer sound using the sound card of the PC. This, to better identify interference signals. Therefore a tantalum capacitor C1 was inserted. Recently we found out that it would be very convenient to have direct access to the dc voltage of the detector to measure rf power with a high resolution digital multimeter. This, to align antenna positioning system (adjust it to maximum solar flux).

Solution: take out the tantalum capacitor C1 using soldering iron and replace it by a simple piece of copper wire. This will be done automatically for eCallisto eC30 and higher. All other eCallisto shall be changed during maintenance or repair.

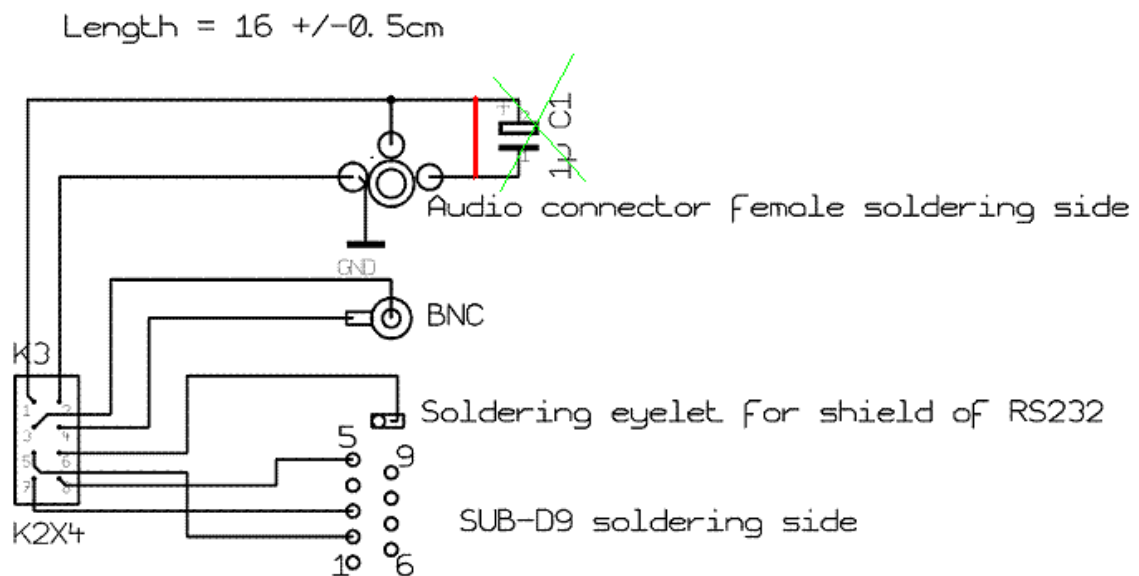


Figure 1: Take out C1 (green), put a wire (red) in.