

Banana jacks - alternative Mounting Method

Up to now the banana jacks are both screwed to the front panel and the main board. This requires banana jacks with larger length. Those jacks are only available from the vendor Reichelt. Recently Reichelt delivered shorter jacks instead of the longer ones. On inquiry they told me that they deliver what they just have in stock. They cannot ensure delivery of the longer jacks.

This led me to think about an alternative method for mounting the jacks so that the shorter ones, which are widely available, can also be used.



Comparison of long and short jacks

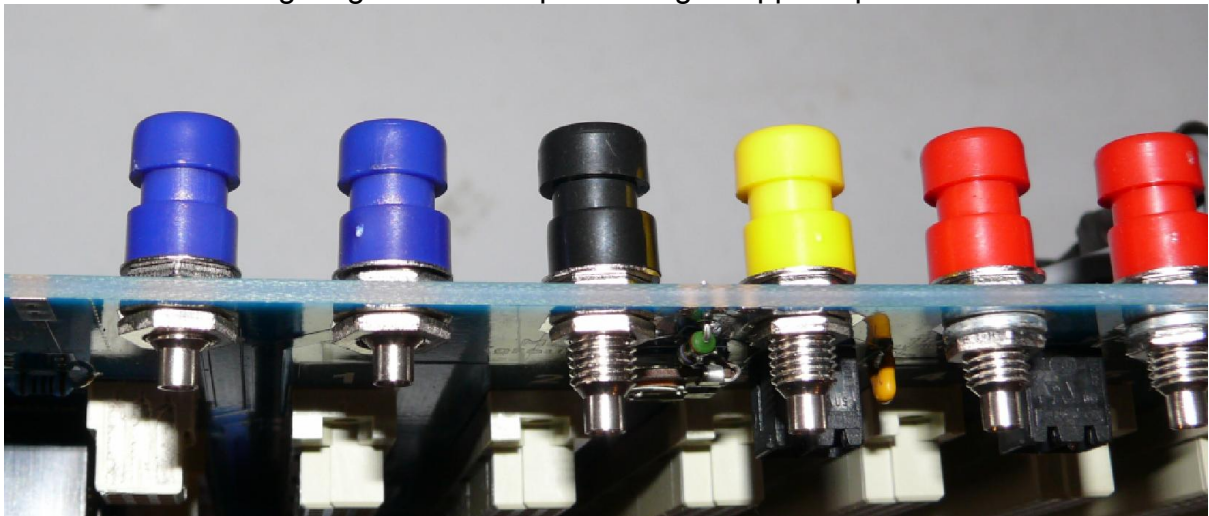
Solution:

The jacks are mounted countersunk, they are put through the front panel and are screwed only to the main board.

This requires holes of 10 mm (better are 10,5 mm) in the front panel for the banana jacks so they can be put through. Due to the fact that the banana jacks until now also served as support for the main board (what now is no longer the case) two additional bolts are required in the front panel. Two additional holes of 3 mm diameter must be drilled into the main board for those bolts:



The banana jacks are screwed into the main board as shown below. To get the correct mounting height the lower plastic ring is flipped upside down:



A view of the mounted jacks – even the short jacks are sufficient:

