

CCU 1 - Digital Clock & VOR1/2 Modification

April 16 2004

Due to design changes, the CCU1 Printed Circuit Board needs to be modified (when not done already by the factory) in order for the Digital Clock and the VOR1/2 to function properly! CCU1's (shipped before the 1st of April 2004) should have the modifications below. CCU2's shipped after this date have the modification(s) done during manufacturing.

The CCU1 and CCU2 area easy to identify. The CCU1 has a row of 2, 3 and 4 pin connectors along the long side of the board. The CCU2 has 2 20-pin connectors on the long side instead.

The modification for the Digital Clock

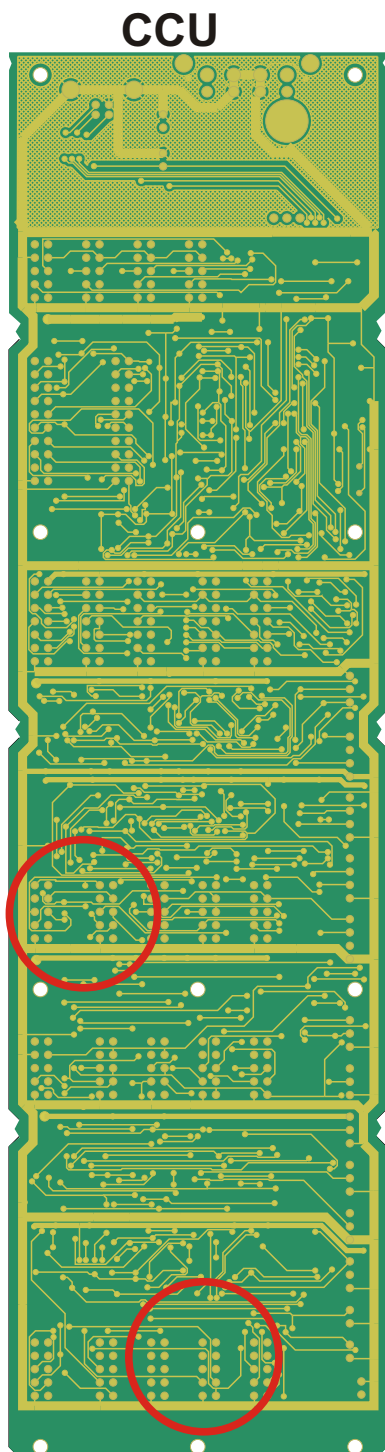
This is a two-step operation and should only be carried out by people with electronics and fine soldering experience. If you are not an experienced electronics user do not carry out this modification, because warranty is void when the board is damaged by this modification. When in doubt, please send your CCU back to TRC Development for free modification.

Step 1: cut the trace on the back of the board as indicated by the black stripe in picture "Step 1" in order to free pin 2 of CN 14. Use a sharp knife. Be very carefull not to damage any other traces!

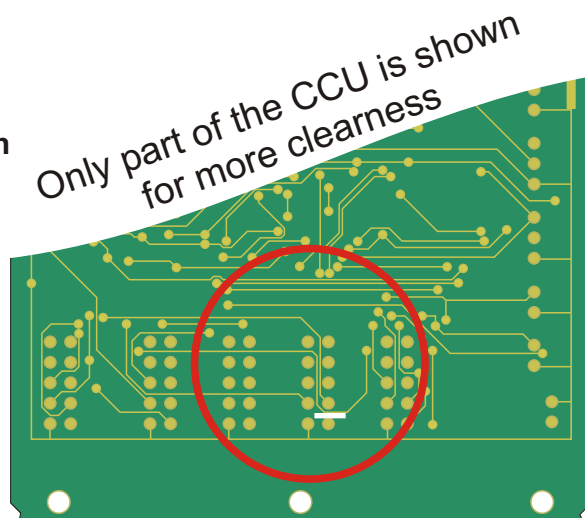
Step 2: solder 2 new wires in place as shown on the picture "Step 2".

The modification for the VOR1 and VOR2

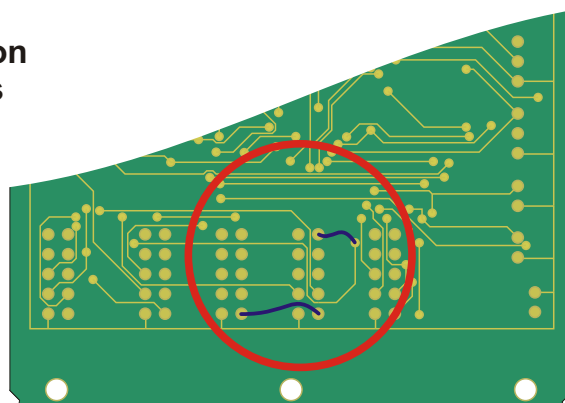
This requires only the soldering of 2 wires on the back side of connector C26 and CN27 between pin 1 and pin 10 as shown on the drawing below.



Digital Clock Modification
Step one, Cut trace



Digital Clock Modification
Step two, Solder 2 wires



VOR1 & VOR2
Modification
Solder 2 wires

