

unfortunately it didn't work out. When touching end of resistors as described all stages activates correctly, so I started out re-checking wiring from the touch pads. And I'm 100% sure there are no shorts from touch pad solder pads to GND.

Please also check out the problem I mention in the other letter about the sequences skipping stage 1 when turning forwards and stage 8 when turning backwards

Serae Modular Music Systems  
572 Haight Street  
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94117

Jon Kjell Seljeseth  
Samtun 36  
105 Reykjavik  
Iceland

Dear Mr. Seljeseth,

The problems you are having with the TKB could be either of two things:

1. the wiring from the touch pads.
2. the large Cmos IC on the PC board.

The wiring from the touch pads can be checked by disconnecting the 16-pin plug which goes into S-1 on the PC board. Now by touching the lower ends of the resistors just above that S-1 socket, you should be able to select stages just like the touch pads. Use a small screwdriver, holding the metal shaft in your hand, and touching the tip of the screwdriver to the metal lead of the resistor. You should be able to select each stage by touching the leads this way.

If stages #6 and #11 still won't select, then it might be the IC. We are sending you a replacement in case this is it. Carefully remove the old one, and insert this one, noting the polarity (pin one is up, toward S-1....pin one has a little dot). These IC's are sensitive to static electricity, so if you have very dry weather, ground yourself by touching the metal panel before handling the IC. If static is excessive, you might blow these IC's again. Always touch the metal panel before using the TKB to get rid of static. I suspect that static shouldn't be too much of a problem in Iceland.

Sincerely,

DARREL JOHANSEN  
Darrel Johansen  
Director

So It seems that I'll have to take off the touch-panel from the panel. How do I do that. I tried, but gave up. It seems to be very difficult without damaging touch-panel.

(3) I can make it advance to stage 6 and 11 by holding a metal needle and insert it to the small holes trough the touch panel from the solder pads so that needle touches solder underneath. Other stages will also advance when the needle touches the edge around the LED's, but 6 and 11 won't. So after my judgement there is no connection between solder pads and touch pads w/ 6 and 11

8 Jun 82

Thank You!  
Sincerely  
Darrel Johansen

(2) Neither are there no shorts from LED solder pads to GND. Measured with a meter there is 0-2 (shorts / connection O.K.) from touch pad solder pads to appropriate lug on 16-pin connector, and further, to appropriate. So pin / connector connection is O.K.

(4)

(5)