

Mounting instructions for 97301-022 – Dimmer board for CIS 31XX

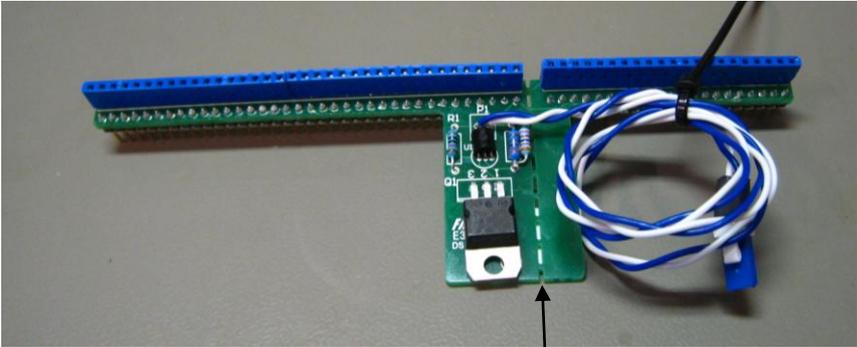
1. GENERAL

The 97301-022 Dimmer board for CIS 31XX is an insertion module to the complete range of Jotron Phontech CIS 31XX models (3100, 3101, 3102, 3130, 3131 and 3132). When installed, it requires connection to the unit 9026, Dimmer Module for level control.



2. SPECIAL REQUIREMENTS FOR CIS 3100 AND 3101

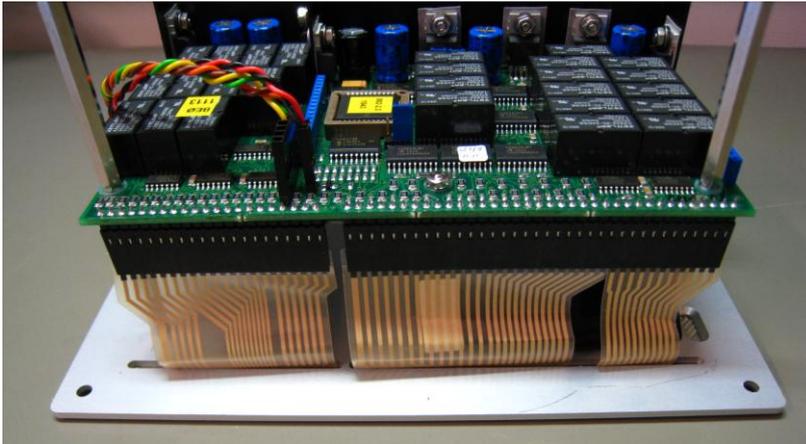
The CIS 3100 (5 lines) and CIS 3101 (10 lines) requires the dimmer module to be shortened. The Right part of the BRD is divided by a break line. This right part of the BRD must be broken off. Use a pliers or similar to obtain a clear cut.



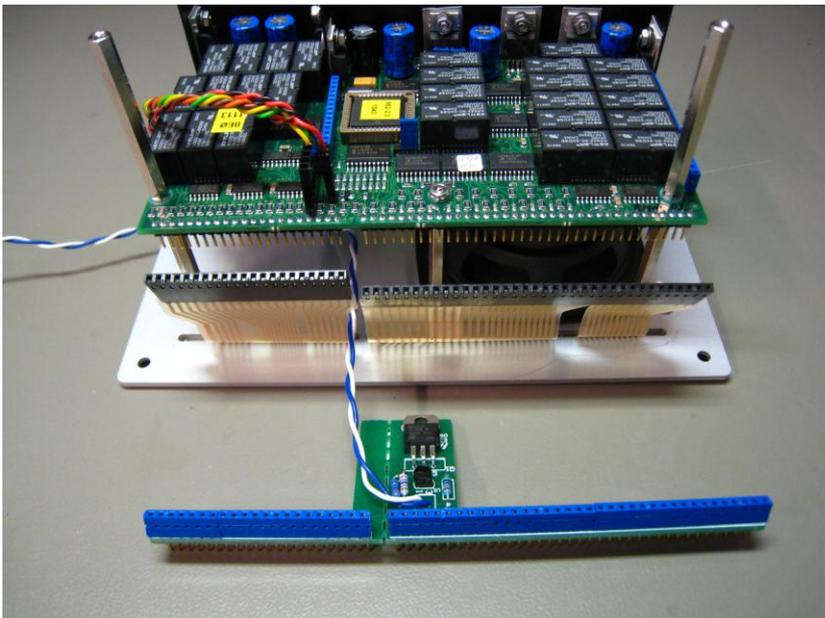
Cut line – break off

3. INSERTION PROCEDURE

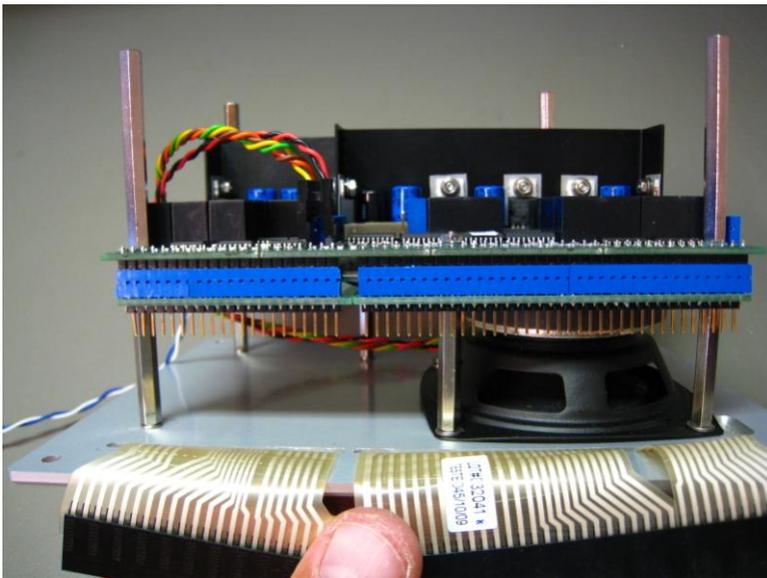
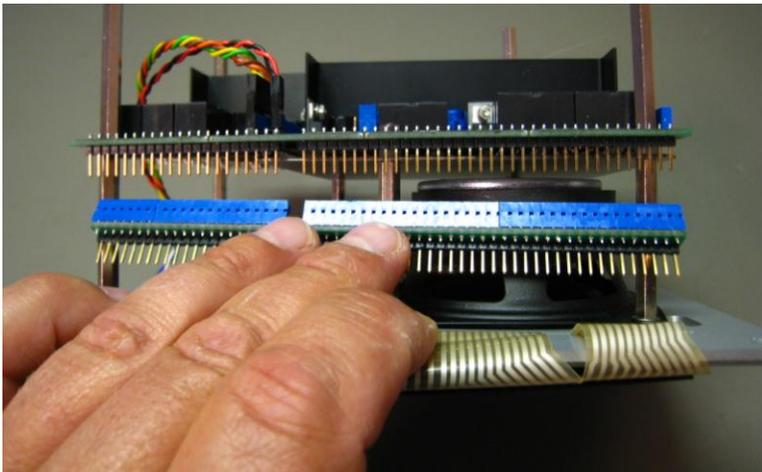
- a. Ensure that the supply voltage is disconnected or turned off. Use anti static working environments to avoid damage to exposed electronic circuits.
- b. Remove the backbox and place the unit with the front module connection tail towards you. The insertion process will instruct and illustrate how to insert the 97301-022 Dimmer board between the front module and the unit main board in order to control the led indicator light intensity by means of a variable insertion loss between the led's and the drivers on the main board.



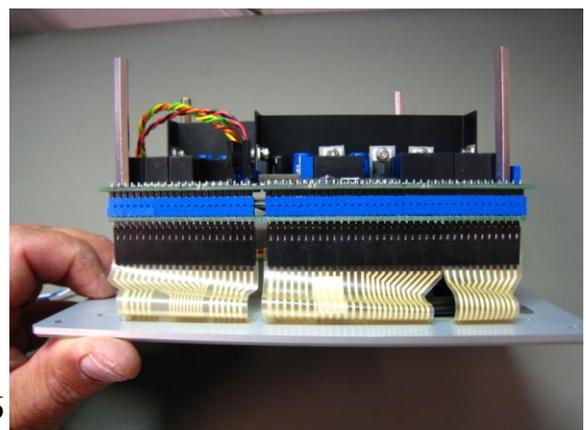
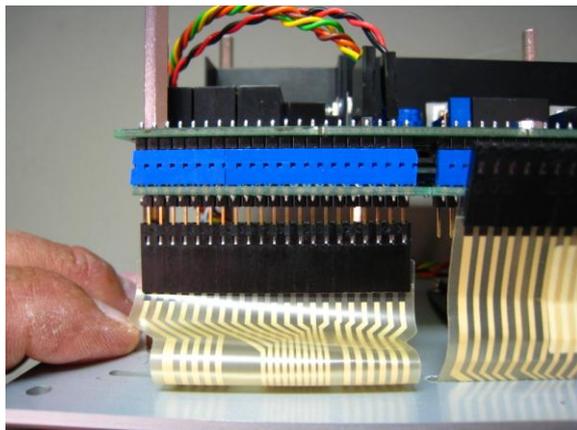
- c. Gently pull the flexiprint connector(s) (The CIS 3102/3130/3131/3132 contains 2, the CIS 3100/3101 contains 1) downwards to disconnect the front module connection tail. Make sure the connector(s) come off evenly



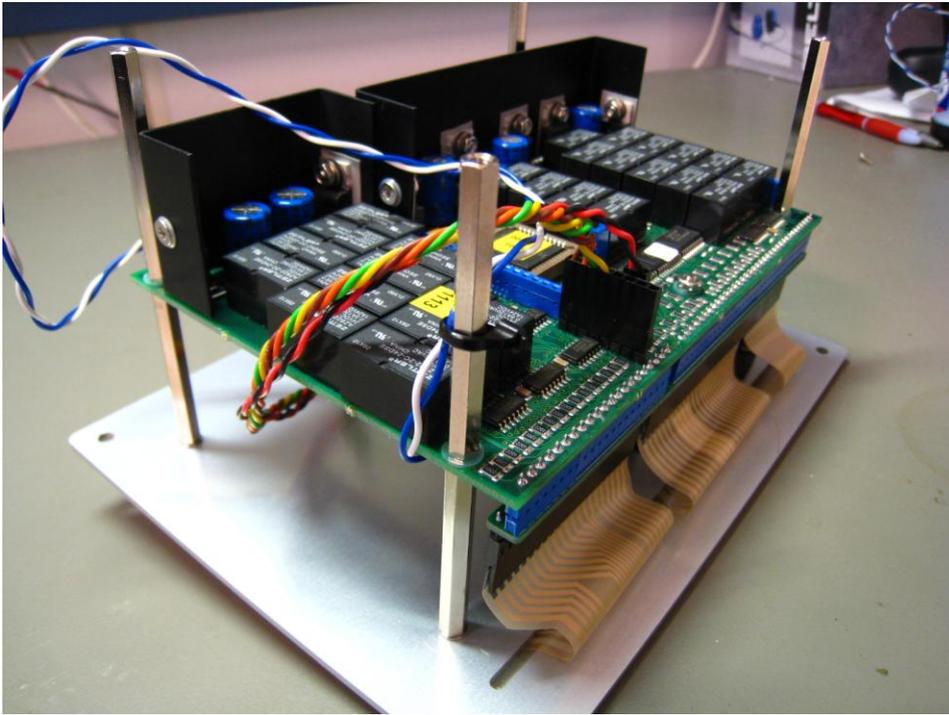
- d. Align the 97301-022 Dimmer board as shown above. Insert the white/blue adjustment input wires out to the left of the board and to the left of the loudspeaker-mounted spacer
- e. Insert the 97301-022 Dimmer board between the unit's main board and the front module and insert the receptacle on the pin header. The 9301-022 Dimmer board is a little fragile and it is also now very important to make sure the insertion takes place evenly.



- f. Next stage is to insert the flexiprint connector(s) into the pin header on the 97301-022



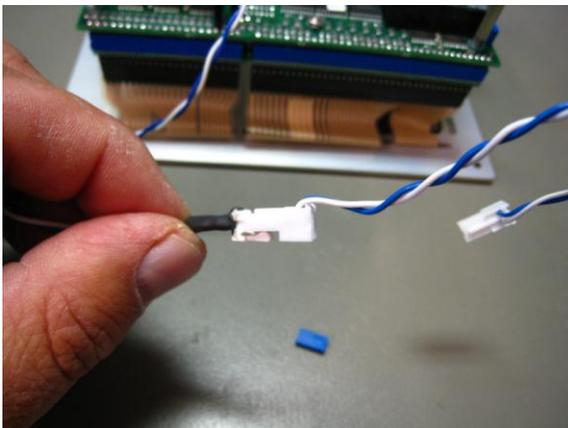
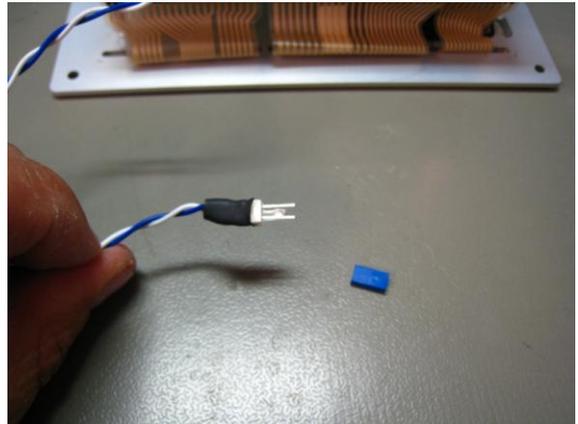
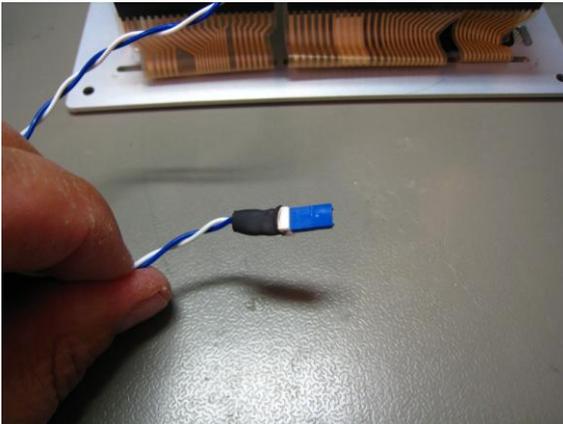
- g. Pull the white/blue adjustment input wires up to the upper side of the main unit board beside the loudspeaker/vol.pots wires and secure to the spacer/support pillar as shown below



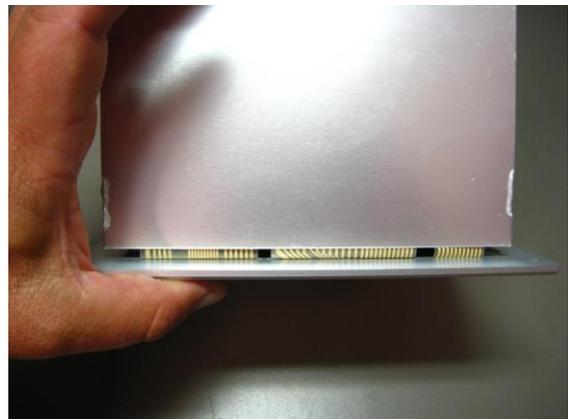
- h. Insert the 9026 Dimmer module cable through a PG11 gland into the backbox



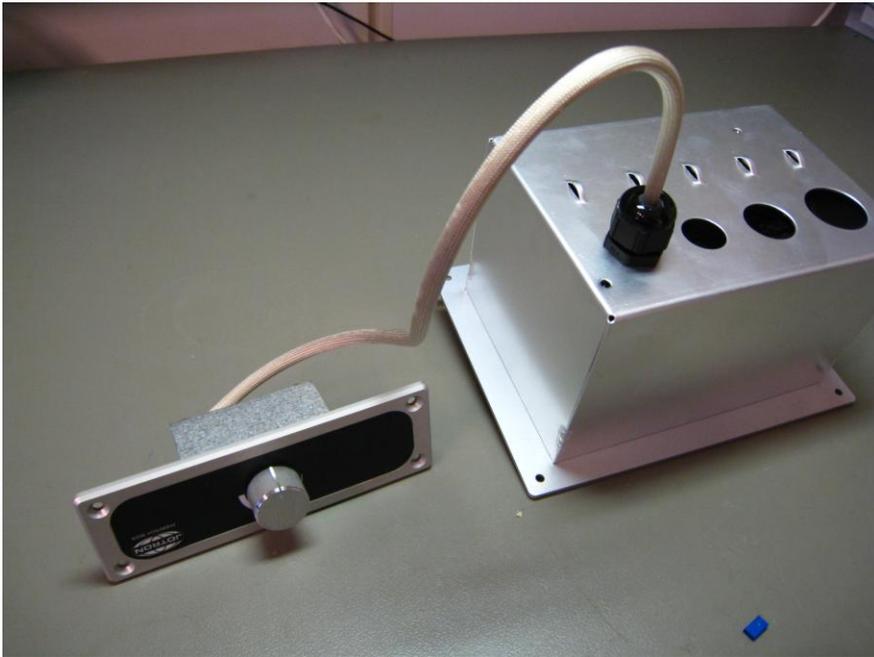
- i. Remove the Blue jumper on the 97301-022 Dimmer board adjustment wires and connect the 9026 Dimmer module. The two connectors are equal and either of them



- j. Tighten up the dimmer module cable and fasten the cable gland.
Replace the backbox by sliding it gently towards the front. 2 cm from the end special care must be taken to not damage the flexiprint cable from the front module. The 97301-022 Dimmer board insertion causes this cable to bulge somewhat outwards. Use an finger or an edgeless device to force the flexiprint inside the box while pressing it in place.



k. Fix the backbox with the 4 fastening screws



4. CONSOLE MOUNTING OF THE TWO ATTACHED UNITS - THE CIS31xx AND THE 9026 DIMMER MODULE

The 9026 Dimmer module may be mounted anywhere in the proximity of the CIS 31XX unit as far as the cable allows. The dimmer module has the same height as the height of all the CIS31XX, and the same width as CIS 3100 and 3101 (144 mm)

