

# NSI ENGINEERING TECHNICAL BULLETIN

DATE: 4/3/98  
PRODUCT: OPT 5512 DMX 512 Kit  
TITLE: Installation Instructions

## Instructions for Installing the OPT 5512 DMX 512 Kit:

For DDS 6000/6000+ Dimmers

### Step 1:

DISCONNECT POWER. Remove 8 screws from top of dimmer pack and lift off top cover. Remove the 3 remaining right hand heatsink (Fuses 3 & 4) mounting screws from the front and bottom of dimmer pack. Remove the circuit breaker mounting nut. Move the heatsink assembly and circuit breaker up and out of the way, being careful not to disconnect any wires. If wiring is disconnected note the location of the terminal or terminals by marking the wires and the corresponding terminals, or reconnect wires immediately.

### Step 2:

Remove the 4 Microplex 3 pin Connector mounting screws and remove the old connectors.

### Step 3:

Insert the DMX 512 5 pin connectors through the mounting holes and install the hardware provided as illustrated.

### Step 4:

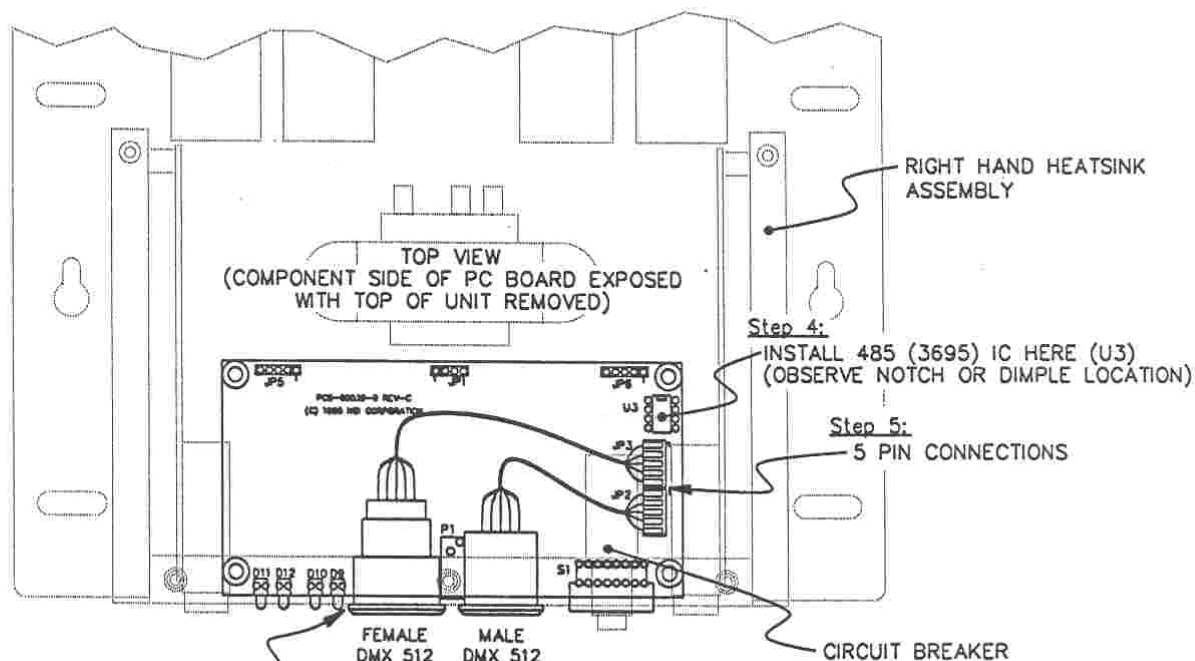
Install the 485 (3695) IC into 8 pin socket (U3) as shown, being sure to observe the correct orientation of the notch or dimple.

### Step 5:

Connect the cables from DMX 512 connectors to 5 pin connections as per illustration.

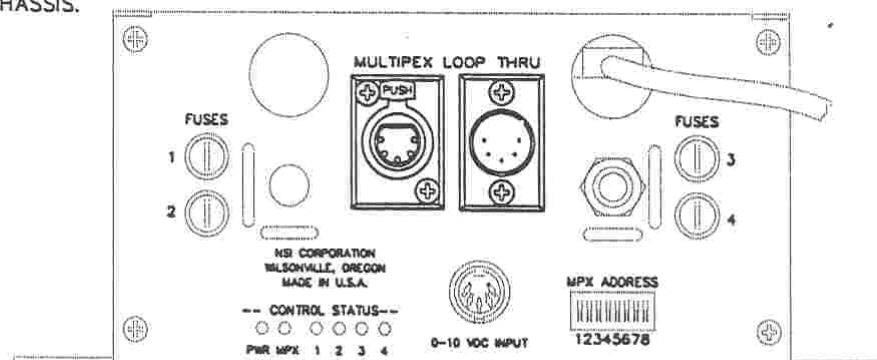
### Step 6:

Reverse the process in Step 1 to reassemble unit.



### Step 3:

INSTALL DMX CONNECTORS THRU MOUNTING HOLE WITH FLANGE TO OUTSIDE OF CHASSIS.



DDS 6000 DIMMER SHOWN