

INSTALLATION INSTRUCTIONS FOR 404962, BAR AND STOP DRIVER II

peterson

Electro Musical-Products, Inc.
Alsip, IL 60803

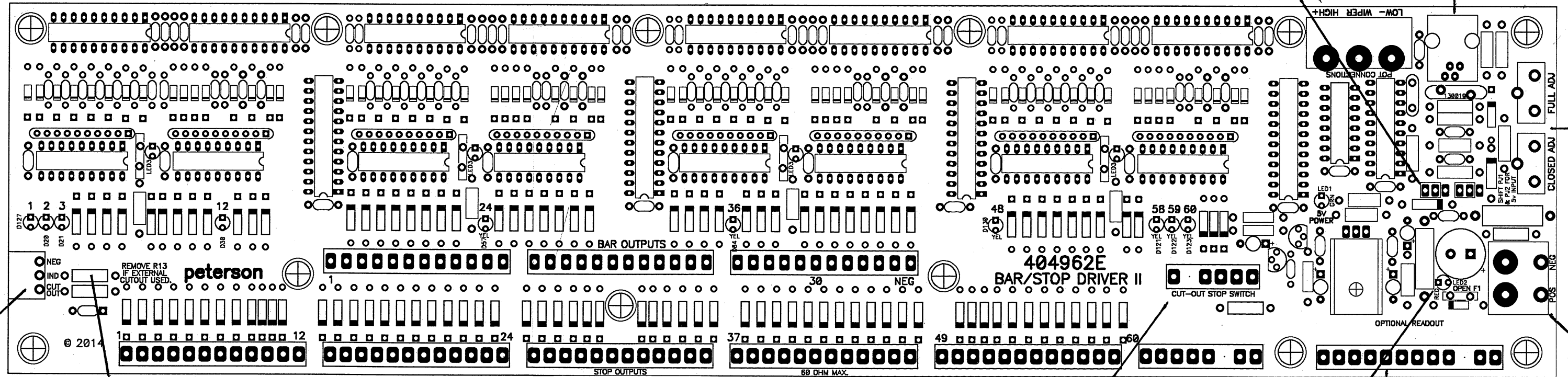
800-341-3311 708-388-3311

After making mechanical adjustments to the Crescendo shoe encoder pot assembly, put the shoe in the position where the first Crescendo stage should come on. Rotate the CLOSED ADJ pot so that the first "Stops Output" pin or LED1 just comes on. Then with the Crescendo shoe position at the desired full open (60) point, rotate the FULL ADJ pot to where "Stops Output" pin 60 or LED60 just comes on.

Screw terminals for wiring to encoder pot that does not have a jack available. HIGH+ goes to the fully open end of the pot. LOW- goes to the fully closed end of the pot. WIPER goes to the wiper.

NOTE: When a 5V Encoder is required move PJ1 and PJ2 program jumpers from normal left hand position to the right hand position.

Modular Jack for cable from shoe encoder.



R13

Outer connector row is the STOP OUTPUTS 1-60.
Maximum direct load is 60 Ohms maximum per pin. (Positive output, negative return.)
An optional 406149, 61 Note Driver, can be plugged onto the stop output pins for loads down to 20 Ohms.

Inner connector row wires to the BAR GRAPH display (common cathode).

STOP and BAR OUTPUTS can be disabled by applying Organ+ to the "CUT OUT" terminal. A "disabled" indicator can be connected from the "IND" terminal to the "NEG" terminal. If an LED is used connect its anode to IND with an external series resistor to NEG.

Optionally, if the 406149 Driver is Installed, a 404480P Stop Switch can be installed at the "Cut Out Stop Switch" position. If a stop switch is used for the cut out clip out R13 (near cut-out terminals).

When LED2 is on, the on board PTC Fuse is open. This will automatically reset when the over-load is cleared.

Connect Organ Voltage + and - here as shown.

Optional 404967, 7 SEGMENT READ OUT can be plugged onto the "Optional Read Out" connector. This in turn cables to a two digit common cathode display such as 411103.