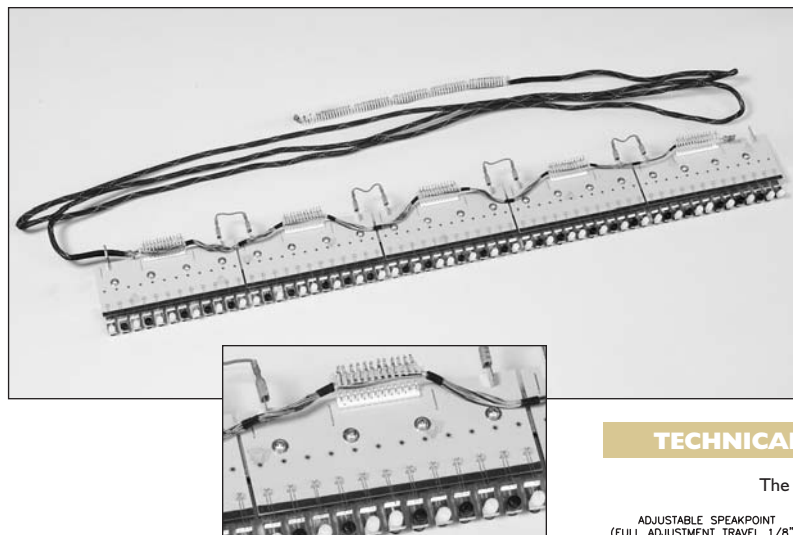


# Modular Key Contact Assembly

Eliminates mounting and wiring individual contacts



The Peterson Modular Key Contact Assembly is perfect for installing or replacing contacts on wooden keyboards. This innovative design incorporates traditional sterling silver wires and phosphor bronze plates (*optionally silver tipped*), as have been used in organs for over a century.

Now both the silver wires and phosphor bronze plates are combined into one 61-note assembly, complete with speak-point adjusting screws. This eliminates all the handwork of mounting individual contact blocks and shorting plates for each key.

The 61 note key contact assemblies are made of printed wiring boards (PWBs) mounted on an aluminum rail. Configurations are available for mounting above the tails of center hinged keys and below the centers of rear hinged keys. Like most Peterson products, the PWBs are supplied with plug-in connectors. Available at no extra cost is a cable that simply plugs onto a Peterson junction board.

The entire 61 note key contact assembly mounts with only a few screws. It comes pre-adjusted so that mounting and a slight touch up of the speak-point of individual keys is all that should be required for perfect operation.

## Specifications

Contact Current: 250 mA = 60 Ohm load @ 15 VDC.

Diode Suppression: Recommended for inductive loads.

Contact Resistance: Less than 200 milliohms with connectors.

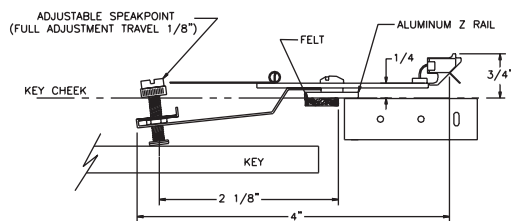
Capacitive Load: 1 Mfd maximum.

Temperature Range: -20 degrees C to 65 degrees C (-4 degrees F to 149 degrees F).

Life Expectancy: Tested 12 million cycles at rated load with no significant wear detected.

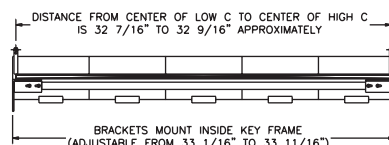
## TECHNICAL INFORMATION

### The Over Key Contact Rail



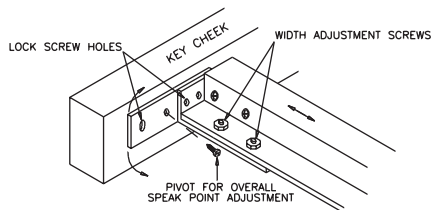
ALL DIMENSIONS ARE APPROXIMATE

### 61 Note Keyswitch

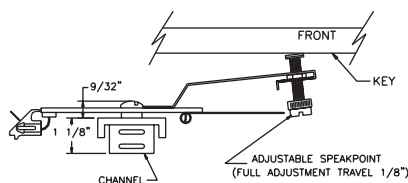


### Over Key Style Mounting Detail

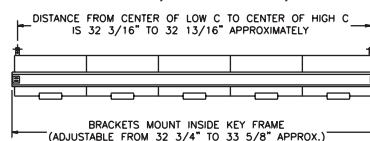
(SHOWN HERE WITHOUT 12 NOTE CONTACT BOARDS FOR CLARITY)



### The Under Key Contact Rail



### 61 Note Keyswitch Assembly



Modular, one piece, pre-wired design.

Designed for optimal "wipe" & contact pressure.

Entire 61-note assembly mounts with only a few screws.

White natural and black sharp adjustment screws for precise setting of speak point.

Totally silent operation.

Tested to simulate over 100 years of average use, with negligible wear.

Redundant silver wire contacts and phosphor bronze "chopper" plate assure unprecedented contact reliability.

Over-key & under-key mounting configurations available.