

## **8 Channel Quantizer**

### **Maximum response times**

Channel Response Time:	300us (or aprox 3k/second)
Channel to Channel Response:	40us
Scale Select Response Time:	31ms (aprox 32 times/sec)

Input Range: +/- 12v (negative voltages ignored)

Output Range: 0 to 10v

Channel 8 Bias Range: +/- 4.5 volts

### **Calibration Mode**

Shorting the calibration header puts the Quantizer in calibration mode. The outputs no longer follow the inputs.

Outputs: Channel 1-6 = 0v to 5v, Channel 7= 7v and Channel 8= 10v.

The mode is used to adjust internal trimmers, and can be used to calibrate VCO tracking