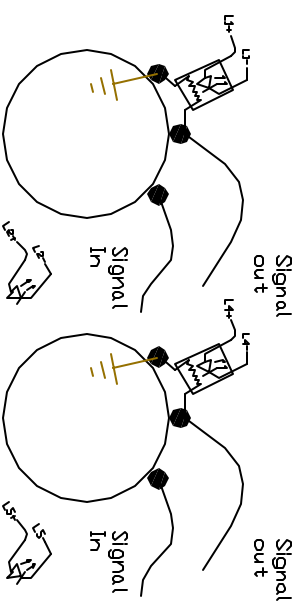
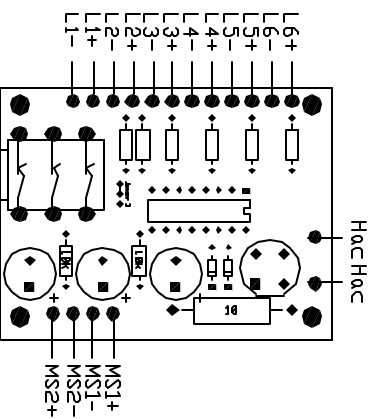


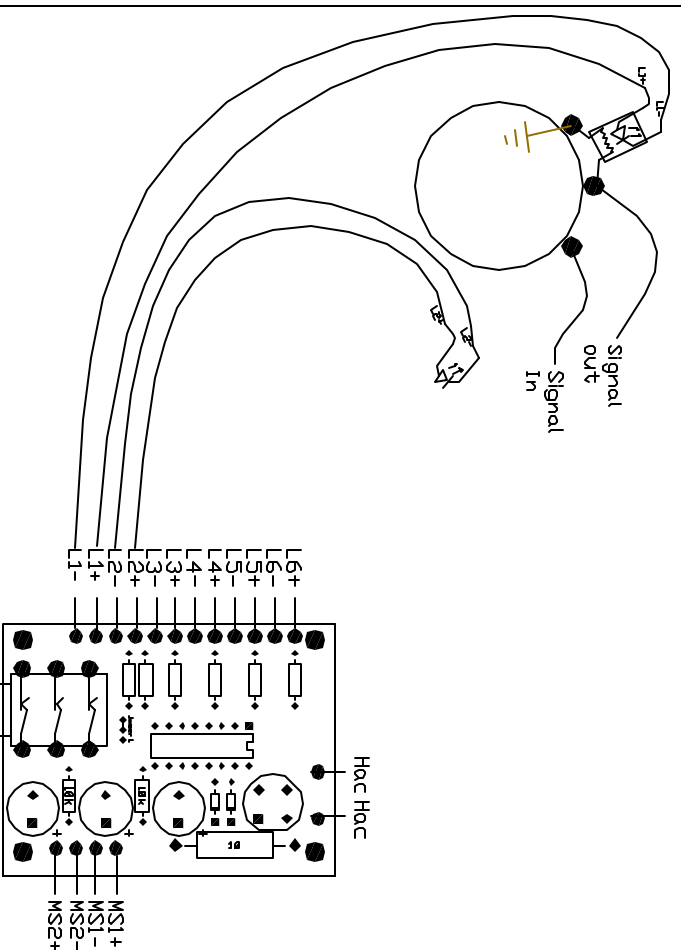
Simplest possible switching. One grounding switch. When the tip of the F/S jack is grounded (or MS1) so is the wiper of the pot. Useful for turning on vibrator or off reverb.



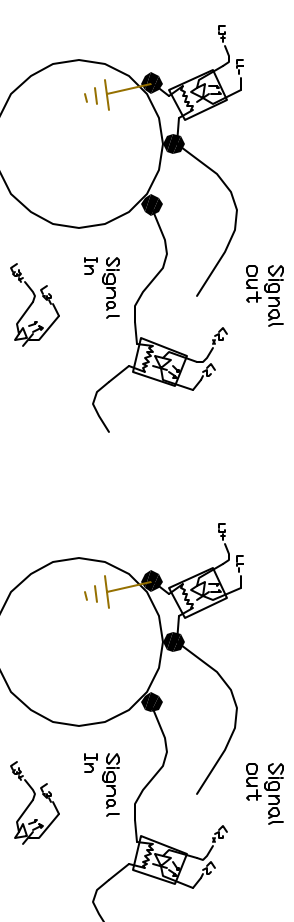
Note - to operate these as independent switches move jumper one to its non default position. Then tip/MS1 controls L1/L2 and ring/MS2 controls L4/L5



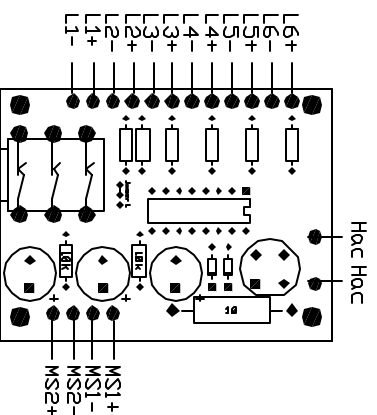
2 Channel shunt switching with indicators. Use whichever L setup works for your system. Just remember that the evens are high resistance/dark when the odds are low resistance/light. As shown L2 will be light when L1 goes high.



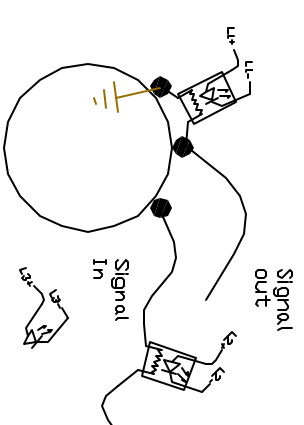
Same as previous but adds LED indicator - use an odd L number for LED on when tip is shorted to ground - even for LED on when tip is not shorted to ground.



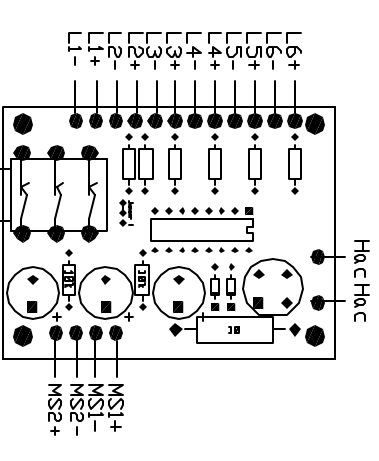
Note - as shown the LED will light when the series resistance is high and the shunt resistance is low. Switch the cells for the opposite.



Channel Switching options. Above is an example of a dual switch used on one signal. By using opposite cell switches you get maximum amount of signal off and on potential. Drawing in wires was fun but it starts to become a mess so they are omitted

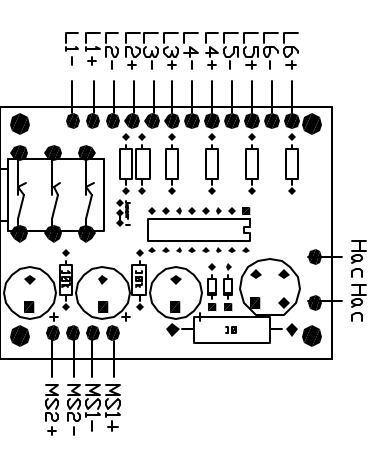
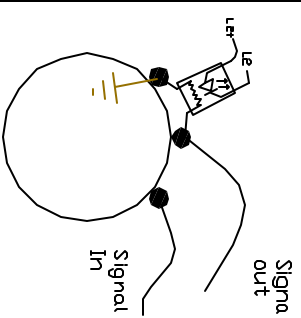
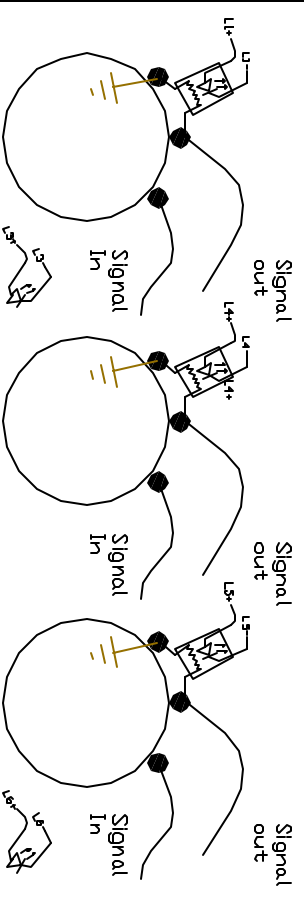


Note - as shown the LED will light when the series resistance is high and the shunt resistance is low. Switch the cells for the opposite or put the indicator on L4



Above is an example of 2 optocouplers used on one signal. By using opposite L outputs you get the maximum amount of signal off and signal on potential.

Drawing in wires was fun but it starts to become a mess so they are omitted in subsequent drawings.



knote Jumper 1 position This configuration uses a 2 button footswitch. The tip (or MS1) will switch between L1 and L2 indicated by L3 and the ring (or MS2) will switch between L4 and L5 indicated by L6.