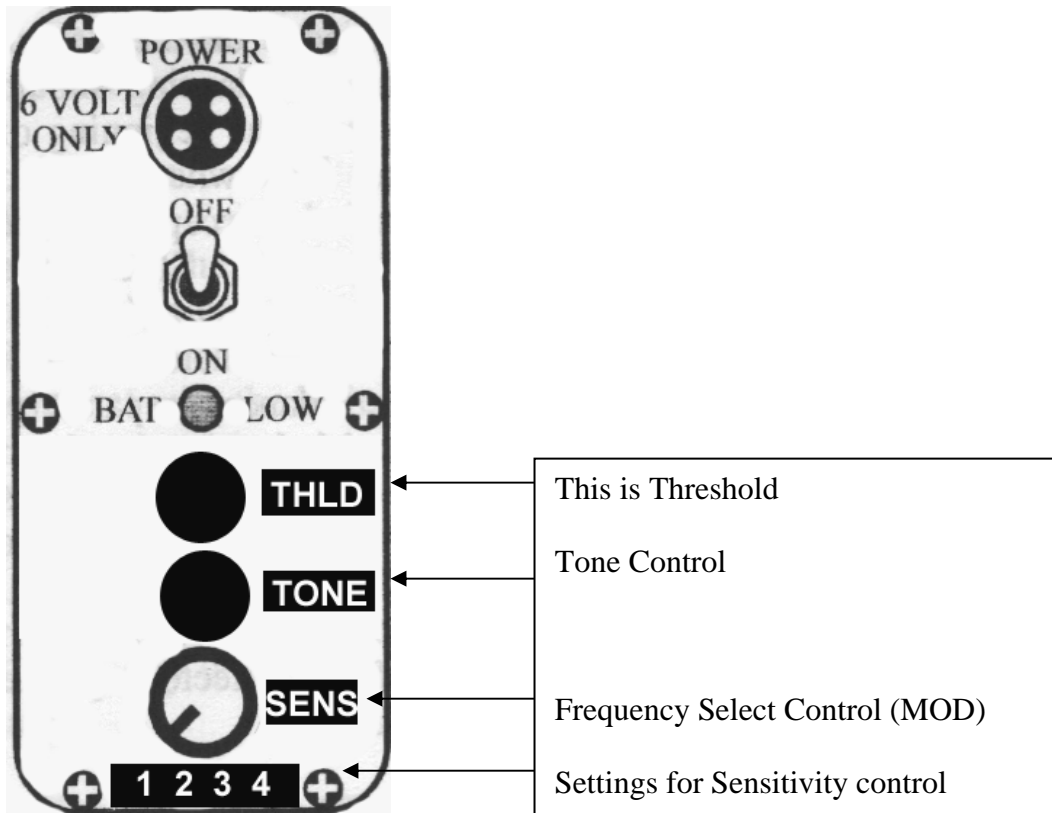


GPM MOD INSTRUCTIONS

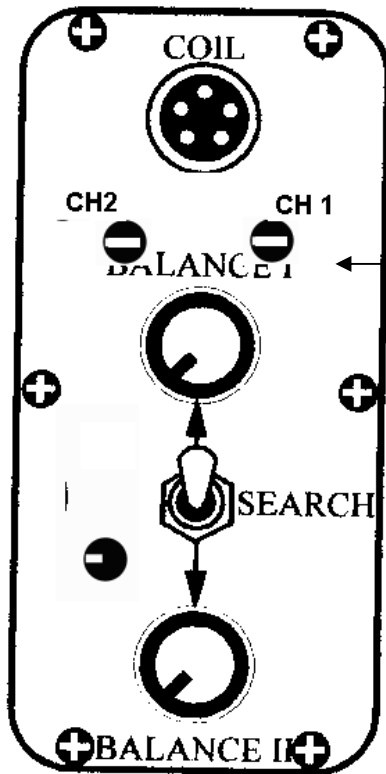
Detector Box Mods (*note the layout may differ from your version*)



Starting at the power side the only addition is a 4 position frequency control mod. 1 is the least sensitive, 4 is the highest sensitivity. An explanation of this is required due to findings in field tests. Although 4 is a very sensitive position it is best suited to smaller coils (10" elliptical, 8" Minelab etc.) 1 has found to be a not so good setting but if it functions on your machine will give the best depth with large coils (18" & the like). We have found that when using large coils position 2 seems the best and position 4 with small coils. Number 3 is used if the ground is too mineralised and you cannot ground balance the MD in position 4 (most of the time with the mods this is not necessary). You as the user will find the best position over time to suit your needs. The other controls are standard and may be repositioned from the diagram above.

The Frequency control is now in the position of the Power ON / OFF switch and serves to turn the detector on as well as select the frequency.

Sensitivity Controls



These 2 knobs are for optimising the Detectors sensitivity via enhancing the electronics receive circuitry. Looking from the front the Right knob controls channel 1 & the Left knob controls channel 2

The coil side consists of two additional controls that improve the gain circuitry of the detector. The adjustments control both channels separately and you will need to experiment with this. Channel 1 on most MD will require more turn than channel 2. In fact channel 2 is extremely sensitive and probably will not handle anymore than $\frac{1}{2}$ to $\frac{2}{3}$ of a turn clockwise. In both knobs you will need to experiment as to what is the best setting.

That is basically all you need to know except of course where the gold is!! Happy hunting and good luck. The mods on this detector are guaranteed from faults for a period of one year and includes labour & parts for that period.

Some General Tips

Just a quick note to give you some tips and info. The 2 controls you really need to worry about are the sensitivity controls on the balance side of the detector. My best tip is to tune separately by placing the balance switch in the channel settings and with a target, determine what the best position is. I do it like this:

1. Balance detector first.
2. Go back to balance 1 position and over a target and adjust CH 1 sensitivity until you determine the best response to the target. Only turn in small increments
3. Repeat 2 with channel 2.
4. Set to Search and go for it!