

GP 3500

Modification Instructions

Power Panel Modifications



The modifications are only on this panel. Firstly you will notice the addition of 3 switches, 1 next to the Sensitive label, 1 near the soil label and 1 under the Tone label. The first switch (Sens 2) gives an additional timing sequence. This gives a large gain in sensitivity and depth when activated and works only with the detector soil switch in the sensitive position. Up on this switch will be the active or the on position. Tests performed in this position and with sensitive selected have shown a very large increase in target response and depth on small and large targets. It is another sensitive position if you prefer and as such only performs when the soil switch is in sensitive. All other modes, Normal and Salt, works as normal so if you want to you can have the switch on always and use the extra sensitive mode or off and be back to standard on sensitive position. Tests that I performed gave an increase of around 10 – 30%.

The next switch near the soil label (Std and Smooth) is a new mod that quietens the detector and acts similar to the enhanced mode on a GPX4500. To activate this you must first have the detector off and then switch to smooth (or std) and turn the detector back on. You will immediately notice the detector is a lot quieter and the threshold is stable. This mod loses a little performance wise (around 5-10%) and the target response is not as crisp as when in standard mode, however, if you adjust the threshold down (counter clockwise) and lift the audio with an external amplifier to compensate for the loss of threshold you will regain 90% of the sensitivity back. I use this mainly on very noisy ground or salt lakes and allows the use of mono coils rather than DD coils. It can be used on both coils.

The last switch (under the Tone label) selects the operating frequency of the detector similar to the 4 position frequency switch on the SD2000. The switch is positioned with a left, center and right direction rather than up and down. Towards the left (towards the Audio label) is the standard frequency of the detector. The center is a faster sensitive frequency for small targets and switching towards the outside selects a slower frequency which is very good in quieting the detector and allowing better depth on larger targets. On the 3500 if you use manual tune you can adjust to have a range of frequencies so fully counter clockwise would be the lowest in the range and clockwise will be the fastest. Generally low is deeper and for larger targets and up is for smaller targets. Sometimes when you have selected another frequency you may find the detector reacts strangely if this occurs turn the detector off then back on again after a brief pause. Also you should retune.

All mods performed as is the norm, carry my personal guarantee of functionality and workmanship.

IMPORTANT NOTICE: REMEMBER DO NOT SWITCH THE SMOOTH CONTROL SWITCH WITH DETECTOR ON. THIS IS THE SWITCH NEAR SOIL LABEL ON THE POWER PANEL. TURN OFF DETECTOR BEFORE SWITCHING

Any problems you can contact me via phone or email. Details available on my website at: <http://www.minelabmods.com>. Thank you for your business, regards Ismael Jones