

GP 3000

Modification Instructions

Power Panel Modifications



Pictured as you can see is a GP 3000 the mods are the same for all the GP Series. The only difference will be the position of switches but they will operate the same.

Firstly you will notice the addition of 2 switches, 1 under the on/off and power socket, another is under the Threshold label. The first switch is labeled Std and Smooth. This switch allows you to run the detector in a very quiet mode similar to the salt position except the loss of sensitivity is not as great, it also is similar in function to Enhanced on the GPX4500. There is a slight reduction of sensitivity and signal response changes slightly. The sensitivity can be overcome by adjusting the threshold so that the smallest target noise can be heard in conjunction with an audio enhancer. The suggestion is this switch is used with a mono in ground that is highly mineralized or salt, turn the threshold down until just audible and adjust the volume up on an enhancer to get the level back to normal.

IMPORTANT NOTICE: DO NOT SWITCH THE SMOOTH CONTROL SWITCH WITH DETECTOR ON. TURN OFF DETECTOR BEFORE SWITCHING.

The next switch selects the operating frequency of the detector similar to the 4 position frequency switch on the SD2000. The switch is position with a left, centre and right direction rather than up and down. Towards the left (towards the Power socket) is the standard frequency of the detector, the middle is sensitive for small targets and last switching towards the outside selects the slower frequency which is for deep larger targets. This will aid in finding those smaller and large targets that sometimes are just a faint signal.

Coil Panel Modifications



On this panel is 1 additional switch. This switch (Sens 2) gives an additional timing sequence. This gives a large gain in sensitivity and depth when activated and the detector soil switch in the sensitive position. Up on this switch will be the active or 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%.

As you can see all mods are selectable to be active or not and do not require any additional learning. They work as improvements over the standard but work in exactly the same way as a standard detector.

All mods performed as is the norm, carry my personal guarantee of functionality and workmanship. Any problems you can contact me via phone or email. Details available on my website at: <http://www.minelabmods.com>.

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