

Latest GPX Upgrades January 2017

Link Technologies / Detectormods / Ballarat Vic.

Read and understand these instructions to get the maximum performance.

GPX-4000 GPX-4500 GPX-4800 GPX-5000

Follow the instructions below to set the detector as close as possible to standard factory operation.

1 Hold the on / off power switch down for 5 seconds until the LCD menu goes into the reset mode, turn the left hand display knob until "RESET ALL" is indicated, then turn the right hand knob clockwise to activate the reset.

2 In the LCD menu adjust the manual frequency setting to "120"

3 Adjust the "NEW" front panel knob until around half way.

4 NOTE "DO NOT USE AUTOTUNE" adjusting the manual frequency in the LCD menu will reduce interference by changing the number from "120" to any number close by, as 121 122 123 119 118 117 . The manual frequency does both the noise reduction and also sets the detector pulse to the coil for optimising the coil size and gold size. Autotune was a hit or miss idea, i have always found a quieter operating frequency by using manual tuning. You have now set the detector operation to approximately the same as a standard detector.

Manual frequencies from 0 - 120 are big coil and big deep gold.

Manual frequencies from 120 - 180 are for a medium coil and medium gold

Manual frequencies from 180 - 255 are for tiny small gold with a small coil.

Warning about using "Fine gold" on a GPX-5000 Do not use the higher numbers (above 120) with very high gain (front knob over half way or LCD menu gain over factory default) You must test the detector with the coil that you intend to use to see how much you can increase the gain or adjusting the manual frequency setting to high numbers. Problems caused by some coils having different electrical characteristics can make the detector lose performance.

In fine gold, start off on the standard settings and adjust the gain and frequency so you can detect a very small item at as much depth as possible. There is no issue using normal or enhance timings, a standard 5000 detector is actually manufactured with LESS INPUT GAIN to make fine gold work, (4500 is 47 but the 5000 is 33) This is the reason that the 4500 goes deeper than a 5000 when using Enhance or Normal timings. These upgrades rectify this issue with the GPX-5000 series detector. You should notice that the detector ground balances better, is quieter, more stable , ignores most hot rocks and is way more sensitive and goes deeper.