

## **SAT Filter**

The sat filter is the self adjusting threshold used only in all metal or mixed mode audio modes. When in highly mineralized ground, the signal can fluctuate significantly and this filter will help in removing these effects. The lower the setting the longer it takes to get back to the threshold. This means that a target will generate a longer sound the target close by may be missed and when not over a target, the ground effects will not be canceled as well.

The higher the setting the shorter the target audio, so if it is set too high, targets may be missed. The Sat can be disabled which will cause the audio to be identical to the pinpoint audio. To remove changing offsets, the detector will need to be reset by pulling and releasing the trigger.