

## Multi Frequency software supplement

The "Water Reject" function has been replaced by the Multi Frequency operation and does not appear in the menu. The Multi Frequency operation replaces this function perfectly and improves the detector's detection properties both in wet and conductive soils (on beaches) and in soils with high magnetite content.

After uploading the Multi software to the detector and turning the detector on, the Master Reset will be performed automatically. The frequency selection has been supplemented with the Multi Frequency operation selection, which operates in the range of 3.6 - 18.6 kHz. Above the 18.6 kHz setting, the user can choose between M1 and M10 settings, which mean simultaneous multi-frequency operation. The numbers next to the letter M are sets of frequencies with slight shift, the choice is made after checking on the EMI preview (On/Off button), which set has the lowest level of interference. The detection properties of the detector are the same regardless of the number from M1 to M10 selected.

Ground Balance is performed in the same way as in single-frequency operation, however the indications of the ground phase in Multi Frequency will be different. If during Ground Balance the detector does not count consecutive "pumps" and there is no audible signal it means that the level of ground mineralisation is very low and the detector should be used with the factory ground preset. After the pumping procedure, the detector automatically returns to the working screen - there is no need to use the trigger as with other softwares.

We recommend Multi Frequency operation only with DD coils. Concentric coils (CC23 and CC12) generally do not work properly with the Multi Frequency.