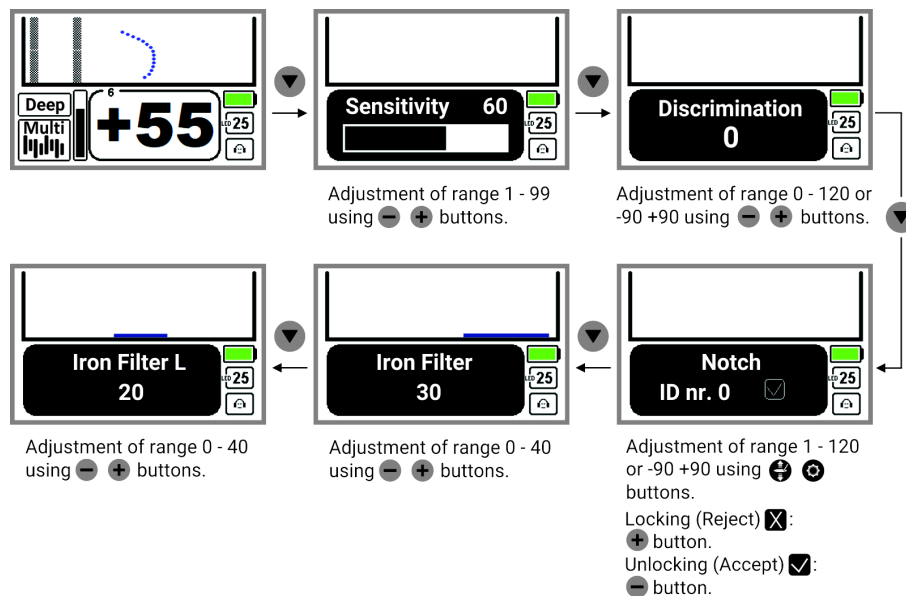


Changes in Atrex Multi Frequency 4.17 software

- * The detector's performance has been improved in highly mineralised soil and in areas contaminated with iron.
- * A significant improvement has been made to the discrimination capabilities in the Fast and Ultra Fast modes.
- * Multitones has been added to the Tones selection options.
- * The new Iron Filter function (2 types) replaces the Small Target Boost function.
- * The Ultra Deep program was replaced by the General W program – very useful for searching in wet areas that are not seashores. Static operation can be easily achieved by modifying the Deep program.

SETTINGS AVAILABLE IN OPERATING MODE

The Sensitivity, Discrimination, Notch and Iron Filter functions are directly accessible from the detector's operating mode. In the Multi Frequency work, the Iron Filter L setting is also available. The way to access the settings is described below.



IRON FILTER

The Iron Filter is a feature that significantly alters the detector's response to ferrous objects and masked non-ferrous metal objects. Low settings allow for effective detection of coins in iron-rich environments and in conditions of high mineralisation, whilst high settings result in very effective iron discrimination. When operating on a single frequency, the Iron Filter is active across the entire object identification range. When operating in Multi-Frequency work, the Iron Filter is active for the ID range above 65 [35].

IRON FILTER L

This setting is only available in Multi-Frequency work. It applies to low-conductivity objects with an ID below 65[35] – i.e. very small non-ferrous metal objects and very small pieces of iron. Low values for this setting allow for the effective detection of very small coins and jewellery in conditions of high mineralisation, e.g. beneath pottery. High settings result in effective discrimination of fine iron wires, very small iron plates and similar unwanted objects.