

Changes in Versa NC 6.14 software

The most important changes in the detector menu:

- * Change in programs: General replaced Field, and Fast replaced Park.
- * The Iron Filter has two types: 1 for small iron objects and 2 for large iron objects.
- * Removed adjustments: Small Target Boost, Sound Duration, Sound Sharpness.
- * The sensitivity adjustment characteristic has been modified to provide a wider range.

Below are fragments of the manual in which changes have been made.

Appropriate use of programs:

The General program works best in most situations. You can fine-tune the settings to suit the conditions and the purpose of your search by selecting one of the three Multi-Frequency modes (W, FH, FL). The Fast program is designed for speed; use it to improve detection performance beneath iron objects and in their immediate vicinity. This program is not optimized for deep searching. The Beach program is designed primarily for use on seaside beaches.

Dealing with high trash areas

In areas with a high density of objects (closer than 50 cm apart), it is advisable to use a Reaction setting of 6,7 or 8 or to move the coil more slowly to enhance detection accuracy.

SENSITIVITY page 11, the last sentence

Sensitivity levels above 25 are intended for advanced users.

DETECTION PROPERTIES PANEL (ADVANCED SETTINGS) page 12

NOTE: Settings that are inactive in a given program are marked with a symbol . In both Beach and Beach Dual programs, the only available Multi Frequency type is 'W'.

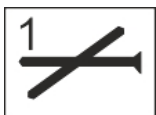


FH type operation (only in General, General Dual programs) – for general-purpose searches. It works perfectly in most cases.

Multi Frequency Properties

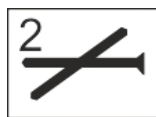
Type of Multi Frequency	Maximum depth (air)	Iron rejection (discrimination)	Iron masking	Effectiveness of searching for small coins (in ground)
W	medium	high	high	medium
FL	high	high	medium	high
FH	high	high	medium	high
U1	high	medium	low	high
U2	high	medium	very low	very high

NOTE: In the Beach, Beach Dual, General and General Dual programs, the device utilizes two independently operating iron filters. This allows for flexible adjustment of the detector based on conditions and the target being sought. The boundary between Iron Filter No. 1 and Iron Filter No. 2 is set at ID 35. In the Fast and Fast Dual programs, only Iron Filter No. 2 is active, operating on all iron objects.



Iron Filter 1

A setting that affects the detection of small iron objects such as wires or small metal plates. Any iron objects that cause false readings by producing an ID value lower than 35 can be corrected using this setting.



Iron Filter 2

A setting that affects the discrimination of nails and other ferrous objects. Setting to 0 - low masking, high effectiveness in highly mineralized soil. Setting to 99 - very effective iron discrimination.

**Sound Modulation**

In the Beach, Beach Dual, General and General Dual programs, this function allows for a slight change in tone depending on the object's depth. In the Fast and Fast Dual programs, the function operates differently: the audio signal becomes distorted on certain iron objects that would otherwise fool the discrimination system.

This helps the user avoid digging up unwanted items.

FREQUENCY SCREEN

page 18, the last sentence of the second paragraph

If you are not sure which frequency to work with – use Multi Frequency type “H” in the General program.

PROGRAMS FACTORY SETTINGS

page 24

BEACH PROGRAM		BEACH DUAL PROGRAM		GENERAL PROGRAM	
Setting	Factory value	Setting	Factory value	Setting	Factory value
Sensitivity	25	Sensitivity	25	Sensitivity	25
Discrimination	0	Discrimination	0	Discrimination	0
Reaction	4	Reaction	4	Reaction	5
Type of Multi Freq.	W	Type of Multi Freq.	W	Type of Multi Freq.	FH
Iron Filter 1	50	Iron Filter 1	50	Iron Filter 1	50
Iron Filter 2	50	Iron Filter 2	50	Iron Filter 2	50
Bottle Cap Filter	0	Bottle Cap Filter	0	Bottle Cap Filter	0
Sound Modulation	5	Sound Modulation	5	Sound Modulation	5
Audio Gain	20	Audio Gain	20	Audio Gain	20
Threshold Sensitivity	-	Threshold Sensitivity	25	Threshold Sensitivity	-
Threshold Level	0	Threshold Level	0	Threshold Level	0
Threshold Tone	200	Threshold Tone	200	Threshold Tone	200
Iron Volume	10	Iron Volume	-	Iron Volume	10
Tones	6	Tones	6	Tones	6
SAT	-	SAT	20	SAT	-
Frequency	Multi5	Frequency	Multi5	Frequency	Multi5

GENERAL DUAL PROGRAM		FAST PROGRAM		FAST DUAL PROGRAM	
Setting	Factory value	Setting	Factory value	Setting	Factory value
Sensitivity	25	Sensitivity	20	Sensitivity	20
Discrimination	0	Discrimination	0	Discrimination	0
Reaction	5	Reaction	6	Reaction	6
Type of Multi Freq.	FH	Type of Multi Freq.	U1	Type of Multi Freq.	U1
Iron Filter 1	50	Iron Filter 1	-	Iron Filter 1	-
Iron Filter 2	50	Iron Filter 2	30	Iron Filter 2	30
Bottle Cap Filter	0	Bottle Cap Filter	0	Bottle Cap Filter	0
Sound Modulation	5	Sound Modulation	5	Sound Modulation	5
WAudio Gain	20	Audio Gain	20	Audio Gain	20
Threshold Sensitivity	25	Threshold Sensitivity	-	Threshold Sensitivity	25
Threshold Level	0	Threshold Level	0	Threshold Level	0
Threshold Tone	200	Threshold Tone	200	Threshold Tone	200
Iron Volume	-	Iron Volume	10	Iron Volume	-
Tones	6	Tones	6	Tones	6
SAT	20	SAT	-	SAT	20
Frequency	Multi5	Frequency	Multi5	Frequency	Multi5