

WARNING

METAL DETECTOR SAFETY

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. **IF** any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

INITIAL SETTINGS: Your Freedom Ace Plus has initial settings points located on the control panel. By first rotating the controls to these points you turn on the detector (with the Depth knob) and adjust it for satisfactory operation. As you become more familiar with your detector, you may wish to make additional slight adjustments in relation to your detector and the ground over which you are hunting.

DISCRIMINATION:

Garrett's **Target Elimination** control permits you to select the targets you desire. The following settings are marked on this control:

- **Nails** setting will eliminate rusty iron, and iron nails.
- **Bottle caps** setting will eliminate iron, nails, foil and bottle caps. Salt water will be eliminated near this setting.
- **Pull tabs** setting will eliminate nails, foil, bottle caps, and pull tabs. Nickels will also be eliminated at this setting, along with some rings and many foreign coins and tokens. Test typical trash items before taking your Freedom Ace into the field.

Because setting the **Target Elimination** control at the higher settings will cause some rings and coins to escape detection, it is recommended that you never rotate this knob any farther clockwise than is absolutely necessary.

SEARCHING:

Scan the search coil at a rate of about one to two feet per second. Maintain a one to two inch search coil height above the ground. Detection of a metal target within the range you have selected with your Trash Elimination control will be indicated by an increase in sound.

RECOVERY / PINPOINTING

Whenever your detector locates a target, you must recover it to find what you discovered. This is accomplished first by pinpointing. Pinpoint targets by drawing an imaginary "X" on the ground with the search coil at the place where maximum sound occurs. You'll notice that you cannot maintain the detection sound with the search coil held completely still above your target. The search coil held must be moving slightly for you to detect the exact location of your target. Since the next step in recovery usually entails digging, it is recommended that you use a probe to help locate exactly where to dig. Always make as small a hole as possible. It is quicker, requires less work and is easier to fill. **Always fill your holes.**

MORE ON-TARGET AUDIO:

When a metallic object is detected, the detector's speaker or headphone sound will increase from your preselected audio threshold level. Some rejected targets however may cause the audio to "break up" or sound erratic. This is generally a response to shallow trash targets and can be remedied by raising the height of your search coil when scanning. Another indication of a reject target is an audio signal that comes when you scan in one direction yet does not sound when you scan over the same spot from another direction. Test typical trash items before operating your detector to determine what signals you will hear when encountering them.

MAINTENANCE:

- Always remember that your Garrett detector is a sensitive electronic instrument. It is built to withstand rugged treatment in the outdoors. Use the Freedom Ace to the fullest extent possible, and never feel that you have to baby it. Yet, always protect the detector and handle it with reasonable care.
- Try to avoid temperature extremes as much as possible, such as storing the detector in an automobile trunk during hot summer months or outdoors in sub-freezing weather.
- Keep your detector clean. Always wipe the housing after use, and wash the coil when necessary. Protect your instrument from dust and sand as much as possible.
- Remember that your Crossfire search coil is submersible. The control housing of your Freedom Ace is *not!* *Never* submerge the control housing, and always *protect* it from heavy mist, rain, or blowing surf.
- Disassemble the stem and wipe it clean after use in sandy areas.
- When storing longer than about one month, remove batteries from the detector.

WARNING: *Any metal detector may discover underground power lines, explosives or other items which when struck could cause personal injury. When searching for treasure with your Garrett Freedom Ace Plus, observe these precautions:*

- Do not hunt in an area where you believe there may be shallowly buried underground electric lines or pipes.
- Do not hunt in a military zone where bombs or other explosives may be buried.
- Avoid striking any line known to be or suspected to be carrying electrical power.
- Do not disturb any pipeline, particularly if it could be carrying flammable gas or liquid.
- Use reasonable caution in digging toward any target, particularly in areas where you are uncertain of underground conditions.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. **IF** there is any doubt as to the operation or safety of the equipment,

DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH