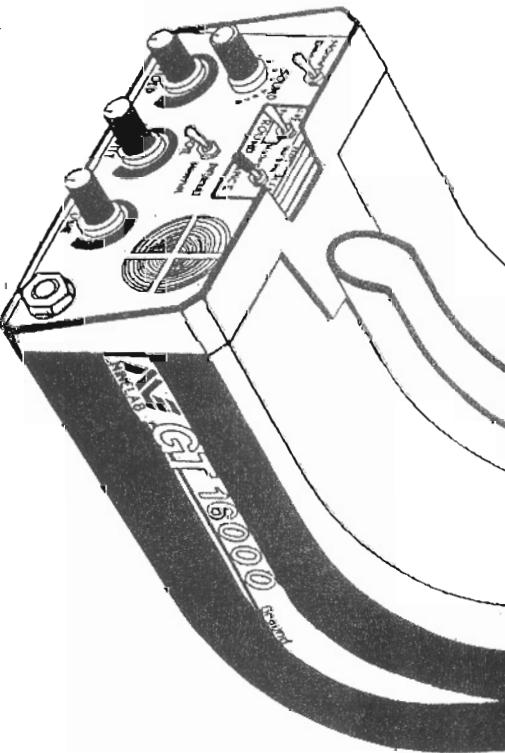




GT 16000

Ground Tracker

INSTRUCTION MANUAL



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1. GENERAL DESCRIPTION

The GT16000 Ground Tracker represents a new era in high performance metal detectors. MINELAB engineers, building on the superior technology of the GS15000, have now developed a detector which features genuine automatic ground balancing without any loss of sensitivity.

In the past, it has been well known that high performance detectors must have a manual ground balancing control. Many of the so-called "automatic detectors" essentially operated with a fixed ground balance setting and reduced sensitivity, giving the appearance of good ground noise elimination but poor depth penetration as a consequence. It is well known that this type of detector fails to operate satisfactorily in highly mineralized ground. By using the computing power of a microprocessor, the GT16000 carries out the ground balancing procedure using exactly the same operation as a user does when carrying out manual ground balancing.

The only difference is that it carries it out more precisely and more rapidly than using manual operation. Furthermore, it does it continuously as the detector head is swept over the ground. Unlike even the most dedicated detector operator, it never tires of ground balancing.

Automatic Ground Tracking allows the operator to COVER MORE GROUND IN LESS TIME.

Inexperienced detector users often cannot take advantage of manual ground balancing controls because they are not skilled in this procedure. With the GT16000 Ground Tracker, the novice venturing into the field for the first time will be using a detector which automatically adjusts the ground balance setting with an accuracy equal to the most experienced operator. This, together with the ability to reject ironstone interference, places in the hand of the amateur the technical ability to seek nuggets, coins or treasure with the skill of a professional.

Other features of the GT16000 include high sensitivity, superior capability to reject ground noise in highly mineralized soils, rugged construction, and a variable discriminator which adjusts its discriminating power to achieve maximum capability under all soil conditions. Selectable special audio output modes include a built-in signal booster as well as a unique "enhancer" mode designed to identify small and medium sized objects in highly variable ground. The detector can be readily converted to either shaft mount or hip mount mode of operation.

The GT 16000 is a unique instrument which places the skills of the professional in the hands of the amateur, while at the same time allowing the professional to cover more ground more accurately and more rapidly than was previously possible.

