



**Operator's Manual**

**SECURITY  
METAL DETECTOR**

**Models**

**SMD 14 and SMD 18**

***CAUTION: Never use this or any other electronic device as a substitute for a physical pat-down.***

**IT IS RECOMMENDED THAT YOU FAMILIARIZE YOURSELF WITH EITHER THE SMD 14 OR SMD 18 BEFORE USING IT IN ACTUAL FIELD CONDITIONS. THIS WILL HELP YOU TO DETERMINE THE KINDS OF METAL OBJECTS YOU ARE ATTEMPTING TO DETECT IN ACTUAL SEARCHES.**

**CAUTION: NEVER USE THIS OR ANY OTHER ELECTRONIC DEVICE AS A SUBSTITUTE FOR A PHYSICAL PAT-DOWN.**

**Also, the user should always consider the applicable legal requirements and limitations as to a particular use of this device and should seek independent legal advice. White's make no representation or warranties as to such matters.**

White's Security Metal Detectors Models 14 and 18 come completely assembled with 9 volt Alkaline battery installed. They are ready to be used after unpacking.

### **INSTRUMENT SENSITIVITY:**

1. The instruments are sensitive to metal objects along the length of the decal, and around the circumference of the units. **IMPORTANT:** Before using this unit in an actual situation, the user should be familiar with the unit. Note that the decal that is on the unit indicates "Sensitive area." In the process of familiarization

### **SENSITIVE AREA**

WHITE'S SECURITY METAL DETECTOR  
SWEET HOME, OR 97386

The SMD 14 and 18 are the most sensitive toward the ends of the decals for the circumference of the instruments.

please note that the area of the decal becomes less sensitive as a metal object is moved toward the center. There is an area in the exact center of the decal where there is minimum sensitivity.

2. SMD Models 14 and 18 are designed to detect all metals (except some stainless steel). They will detect items as small as razor blades.

### **INSTRUMENT OPERATION:**

1. The instrument may be gripped with either hand. Slip your middle finger through the strap so that the push-button can be depressed with that finger.
2. When the push-button is depressed and held, a momentary audio signal will be heard, followed by a green ready light two seconds later. These two conditions indicate the instrument is ready for use.

**NOTE:** The SMD 14 and 18 are turned ON and ready to operate for as long as the push-button remains depressed. Releasing the push-button

automatically turns the unit OFF. Keep large metal objects away from "sensitive" area until this green light goes on as this could impair the instrument's performance.

3. It is recommended at this point that you further test the readiness of the instrument by passing a known metal object along the length of the decal. Note the presence of the audio signal. If the signal is present, you may proceed with a search.
4. In a search situation, the audio signal indicates the presence of most metal objects.
5. To search an individual suspected of concealing one or more weapons, depress and hold the instrument's push-button while using the unit to scan a person's body. The instrument's sensitive area, (along the length of the decal), must be kept in close proximity to the part of the person being searched.

**IMPORTANT:** Before using this unit in an actual situation, the user should be familiar with the unit. Note that the decal that is on the unit indicates "Sensitive area." In the process of familiarization, please note that the area of the decal becomes less sensitive as a metal object is moved toward the center. There is an

area in the exact center of the decal where there is no (null) sensitivity. This is the null area. The instruments are designed to detect along their sides, rather than at their tips.

**NOTE:** Not all metal objects are weapons! And, there may be many non-metal objects that can be used as weapons. Remember, White's SMD 14 and 18 instruments are metal detectors. Individual discretion must be used when determining if a detected metal object is a weapon.

### **PROPER CARE AND HANDLING:**

White's Models SMD 14 and 18 are designed to be shock resistant and water resistant. But treat them as you would other fine electronic instruments. The following items should be observed:

**DO** check instrument's operation periodically when unused for extended lengths of time.

**DO** use the finger strap in field situations. This strap helps you to retain control of the instrument in the event of a physical struggle. By wearing it around your finger, the instrument may also be released if necessary.

**DON'T** store units under extreme temperature or humidity conditions.

**DON'T** subject instrument to severe shock unnecessarily. Severe shock may impair the instrument's performance capabilities.

### **BATTERY:**

Battery life: 10-12 hours of actual operating time. When the unit's green LED light does not glow, or glows erratically, the battery is below its minimum operating level and should be replaced. **DO** replace battery with new ALKALINE 9 volt battery when necessary.

To replace the battery, unscrew the black retainer ring at the strap end of the instrument. This will release the bottom cap with the audio emitting device attached. The battery is located beneath this cap. Disconnect the battery lead and remove the old battery. Connect the lead to the new battery and insert it. Replace the bottom cap and screw the retainer ring in place.

**CAUTION:** When replacing the battery, be careful not to damage the connecting wires to either the battery or the audio emitting device.

## **WHITE'S ELECTRONICS' LIMITED WARRANTY**

If within 90 days from the original date of purchase your White's accessory or detector fails through normal use or due to defects in either material or workmanship, White's Electronics will repair or replace, at its option all necessary parts without charge for parts or labor.

Simply return the accessory or detector to the dealer where you purchased it. The unit must be accompanied by a completed service coupon provided by your dealer. You must provide proof of date of purchase before the unit is shipped.

Items excluded from this warranty are non-rechargeable batteries, headphones and other accessories.

The warranty is not transferable. Nor is it valid unless the Warranty Registration Card is returned to the factory address below within ten (10) days of original purchase for the purpose of recording that date, which is the actual commencement date of the warranty.

The warranty does not cover damage to accessory or detector caused by accident, misuse, neglect, alterations, modifications or unauthorized service.

Duration of any implied warranties (e.g. merchantability and fitness for a particular purpose) shall not be longer than the stated warranty.

Neither the manufacturer nor the retailer shall be liable for any incidental or consequential damages resulting from defects or failures of the instrument to perform.

Some states however, do not allow limitations on the length of implied warranties, or the exclusion of incidental or consequential damages. Therefore, the above limitations and exclusions may not apply to you.

In addition, the stated warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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