



## Master Edition Metal Detector



### Three-Tone Audio Discrimination

Distinctive tones for different types of metals

### Analog Meter

Shows the probable type of metal being detected

### Auto Tune

Tune your detector quickly for accuracy

### Arm Support

Operate your detector comfortably

### Adjustable Stem

Adjust the detector's length for comfortable use

### Waterproof Search Coil

Lets you use the detector to search under water. Note: The search coil is waterproof, but the detector's control housing is not waterproof

### Headphone Jack

Lets you connect headphones (not supplied) to the detector

### Low Battery Indicator

Lets you know when it is time to replace the batteries

Operates on two 9V alkaline batteries (not supplied)



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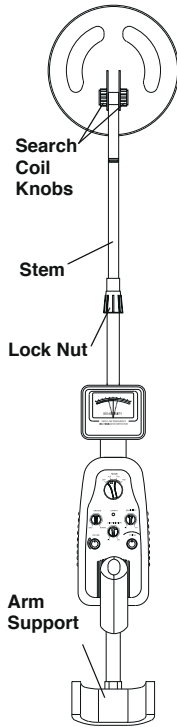
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## □ Preparation

### ASSEMBLING THE DETECTOR

Assembling your detector is easy and requires no special tools. Just follow these steps.

1. Turn the stem lock nut clockwise until it loosens.
2. Lengthen or shorten the stem so when you stand upright with the detector in your hand, the search coil is level with and about  $\frac{1}{2}$  to 2 inches above the ground with your arm relaxed at your side.
3. Turn the stem lock nut counter-clockwise to lock it in place.
4. Unscrew the knobs on the search coil and remove the knobs and connector. Insert the stem and align the holes on the search coil bracket and the stem. Push the connector through the holes, then replace and tighten the knobs.
5. Wind the search coil cable around the stem. Leave enough slack in the cable to let you adjust the search coil when you are hunting on uneven ground.
6. Insert the search coil plug into the search coil jack on the detector control



housing so the pins on the plug are aligned with the holes in the jack.

#### Cautions:

- The search coil plug fits into the connector only one way. Do not force the plug or you could damage it.
  - To disconnect the search coil cable from the detector, grasp the plug and pull it out of the connector. Never pull on the cable.
7. Loosen the knob at the search coil end, then adjust the search coil to the desired angle. (The search coil should be parallel with the ground.) Tighten the knob just enough to keep the search coil from rotating or wobbling.
- Caution:** Do not overtighten the search coil or use tools such as pliers to tighten it.
8. Loosen the knob at the base of the handle, insert the arm support, and tighten the knob.

### INSTALLING BATTERIES

Your detector requires two 9V alkaline batteries (not supplied) for power.

#### Cautions:

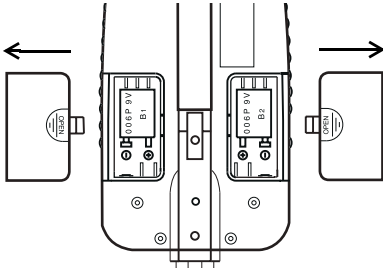
- Use only new batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

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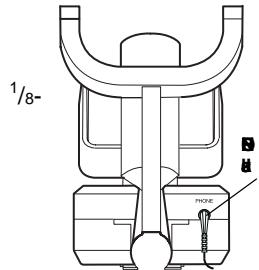
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- Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

## Traffic Safety

Do not wear headphones while operating a motor vehicle or riding a bicycle. This can create a traffic hazard and could be illegal in some areas.

Even though some headphones let you hear some outside sounds when listening at normal volume levels, they still can present a traffic hazard.

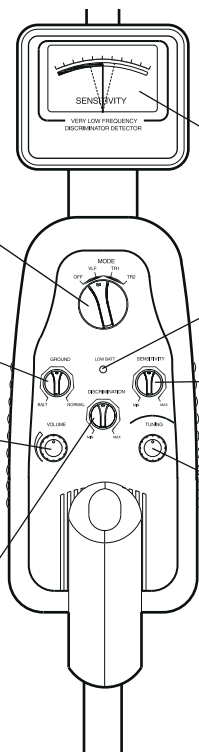
## ☐ A Quick Look at Your Metal Detector

**MODE** — lets you select from OFF, VLF, TR1, TR2. (See “Turning On the Detector” on Page 7.)

**GROUND** — compensates for false signals from mineralized soil. (See “Adjusting Ground” on Page 9.)

**VOLUME** — lets you adjust the volume of alert tones.

**DISCRIMINATION** — lets you adjust the metal detector’s ability to distinguish between different types of metal. (See “Adjusting Discrimination” on Page 9.)



**Analog Meter**

**LOW BATT Indicator**

**SENSITIVITY** — lets you adjust the detection depth. (See “Adjusting Sensitivity” on Page 9.)

**TUNING** — adjusts the balance between the receiver and transmitter. (See “Tuning the Detector” on Page 7.)



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## ❑ Troubleshooting

If your detector is not working as it should, follow these suggestions to see if you can eliminate the problem.

| Problem   | Suggestion  |
|---|---|
| The detector displays or sounds false signals.  | The sensitivity might be set too high. Adjust <b>SENSITIVITY</b> .  |
|   | You might be sweeping the detector's search coil too fast or at the wrong angle. Sweep the search coil more slowly and hold the detector correctly. See "Testing and Using the Detector" on Page 7 and "Pinpointing a Target" on Page 10.   |
|   | The detector might sound a false signal if it detects heavily oxidized metals. Try pinpointing the target from several different angles (see "Pinpointing a Target" on Page 10). If the detector does not display and sound the same signal each time, the target is probably heavily oxidized metal. |
| The display does not show the correct metal type when the detector finds a target. Or, the detector sounds more than one type of tone when it finds a target. | There might be more than one target in the area you are searching.  |
|   | The target might be a type of metal that the detector does not recognize.   |
|   | If the target is heavily oxidized, the detector might not display the correct metal type. This is not a malfunction.  |
|   | The sensitivity might be set too high. Adjust <b>SENSITIVITY</b> .  |

## ❑ Care

Keep the metal detector dry; if it gets wet, wipe it dry immediately. Use and store the metal detector only in normal temperature environments. Handle the metal detector carefully; do not drop it. Keep the metal detector away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the metal detector's internal components can cause a malfunction and might invalidate its warranty.

The search coil supplied with the detector is waterproof and can be submerged in either fresh or salt water. However, do not let water enter the detector's control housing. After using the search coil in salt water, rinse it with fresh water to prevent corrosion of the metal parts.



## 1 YEAR LIMITED WARRANTY

### Metal Detector

WINBEST® by BARSKA®, as manufacturer, warrants this new product to be free of original defects in materials and/or workmanship for the length of time specified by this warranty. This warranty does not include damage caused by abuse, improper handling, installation, maintenance, normal wear-and-tear, unauthorized repairs or modifications and tampering in anyway.

This warranty is limited to the original purchaser and is not transferable. This warranty applies only to products purchased in the United States of America and Canada.

In the event of a defect within 30 days, the consumer must return the defective unit to the WINBEST® by BARSKA® dealer (the place of purchase) at his/her own expense.

Beyond 30 days, WINBEST® by BARSKA® products should be sent to the following address for warranty repairs. Products must be packed carefully and sturdily to prevent damage in transit, and returned freight prepaid to:

BARSKA®  
1721 WRIGHT AVE.  
LA VERNE, CA 91750

For additional and updated information  
please visit [www.barska.com](http://www.barska.com)

Please email [info@barska.com](mailto:info@barska.com) or call 1.888.666.6769 for Return Merchandise Number (RMA#) before any returns.

NOTE: All merchandise received without a valid RMA# will be returned to shipper at his/her own expense.

Please include all of the following when returning WINBEST® by BARSKA® products for service and/or replacement:

1. Please write your complete details (Name, Address, Telephone #, E-mail address, RMA#, etc.)
2. Purchase receipt or Proof of Purchase. (Original/Copy)
3. A brief explanation of the defect
4. A Check/Money Order of \$25.00 to cover inspection, shipping and handling

\*Please allow 6-8 weeks for delivery

This product will either be replaced or repaired at the discretion of the warrantor. If it's a discontinued item, we will replace the product with an equivalent product. Should the repair not be covered by this warranty, an estimate will be sent for your approval. Non-warranty repairs or refurbishing are always provided at a reasonable cost.

WINBEST® by BARSKA® shall not be liable for any consequential, incidental and/or contingent damages whatsoever. We will not pay shipping, insurance or transportation charges from you to us, or any import fees, duties and or taxes. This warranty supersedes all previous Winbest® by BARSKA warranties.