

HUNTER 2000- Beeper Collar

Manual

For a better performance:

- Use only Duracell batteries
- Each adjustment affects the duration of the batteries
- The battery contacts must be kept clean
- The thread of the Beeper and the cap must be kept clean
- Keep the cap lubricated
- Remove the cap after each use
- Never force the switches or the adjustment-wheels
- Do not use anything (e.g. spoons etc.) to adjust the wheels
- Replace the cap-speaker if damaged
- In case of frost, see the related section
- A bad battery-contact will shut down the Beeper
- If the beeper is not used it is advisable to remove the battery

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PART I Basic Information

1. How to obtain the best performance with your Beeper

- 1.1 As with any tool, your satisfaction with this product depends on your willingness to learn about the benefits and limitations. As you gain experience with this Beeper, hunting will become easier and more fun. Your dog will become more obedient and it will increase its prey drive.
- 1.2 If this is your first Beeper, read Part I thoroughly. If you have already used a beeper, you will find this one quite different in the adjustment mode.
- 1.3 This manual is simple in understanding and will help you to get maximum performance without any problems as quickly as possible. By spending a few minutes reading it now, it will save you time in the future and it will help you to extend the life of your Beeper.

2. Getting your dog familiar with the Beeper

2.1 Dog experts:

If your dog was hunting with a bell or a beeper there is no problem. If it has never used a beeper or has been trained with an electric collar for long periods, you need to proceed cautiously.

2.2 Young dogs:

If you have a young dog and it is now starting to hunt, there is a right and a wrong way to use the Beeper. Your dog does not know what a Beeper is and how it works, so you have to introduce it in the same way as you introduce him to the firing of a gun. That means that you should gradually reduce the volume, while hunting or training and in the presence of prey. The goal is not to simply get him to tolerate the sound of the Beeper, but to create him a positive connection between sound, prey, hunting and training.

2.3 It is advisable when introducing the sound of the Beeper for the first time to the dog to select the function **Run and Point** (not just **Point Only**). Do not put the Beeper on the dog while it is in the garden, in its kennel, nor even while it is inside the house.

2.4 The refusal of the Beeper by the dog is generally due to its fear of the electric training collar, fear of the shot sound, ear infection or by using it while it is not on hunting.

3. Use of the Beeper

3.1 You can put the magnet together with your whistle so you will not lose it. Inside the Beeper there are four switches and two adjusting screws (right and left of the switches which we will call "scroll-wheels").

4. Battery requirements

4.1 You must only use Duracell batteries. Many other batteries do not have adequate amperage. Moreover the battery compartment is sized for Duracell batteries. The use of other batteries can cause loss of contact, poor performance and might possibly switch off the circuit.

5. Install the battery

5.1 The battery must be properly inserted and securely locked. Inside the Beeper the battery's polarity is indicated. Insert the battery with the contact facing down until it touches the spring contacts inside the Beeper. If the contacts are incorrect the Beeper does not work.

5.2 Tighten the cap to ensure a secure connection with the spring contacts. The threads must be cleaned of mud or dirt. The cap holds the battery contacts against the spring contacts of the Beeper.

5.4 If during hunting the Beeper stops working, it probably depends on the contacts. Ensure therefore to thoroughly clean the thread of the cap and the Beeper from mud (dirt or other).

5.5 The Beeper might take numerous hits while being used and the battery if not firmly attached may disconnect causing interruption of the connection and consequently turning off the Beeper. In order to prevent any damage caused by continuous shutdowns it is recommended to double-check and clean the Beeper at the beginning or end of each hunt.

6. Operation of double sound (Run and Point)

6.1 The Beeper contains an internal magnetic switch that controls:

Activation/ Function **Run and Point**, and Deactivation

This switch is located on the inside of the Beeper at the point where the label is.

A) Activation / Function **Run and Point**:

To activate the Beeper swipe the magnet over the magnetic switch. The Beeper immediately emits a sequence of four beeping sounds. This sequence indicates also the function **Run and Point**.

B) Function **Point Only**:

After activating the Beeper by following the previous step, turn the **right scroll-wheel counter-clockwise**. By turning the right scroll-wheel, counter-clockwise, the **RUN** sound is repeated every 10, 20, 30 seconds, infinite (Point Only Function).

C) Deactivation:

To deactivate the Beeper swipe the magnet over the magnetic switch. You will hear a sequence of three beeping sounds repeated twice (beep, beep, beep - beep, beep, beep = off).

7. Adjustment of Run and Point sounds

7.1 Adjusting the time of sound **Run**:

When using the function **Run and Point**, the sound **Run** is repeated by an interval, which is adjustable by the scroll-wheel of the seconds (right). It is possible to adjust the range from 10, 20, 30 seconds to infinite seconds (Point Only Function). Scrolling clockwise the interval becomes shorter (minimum 10 seconds). Scrolling counter-clockwise, the interval becomes longer (maximum is infinite).

The duration of the battery's life depends on the adjustment of the intervals (more sounds = shorter battery life). Please note: the beginning of the **Point** sound is 3-4 secs after your dog stops moving. The **Point** sound is fixed at an interval of two seconds and it is not adjustable.

7.2 Selection of **Run and Point** sounds:

The Beeper has four different sounds for both **Run and Point** sounds (total of sixteen possible combinations). You can adjust the sounds by four different switches. Switches 1 and 2 regulate the **Point** sounds. Switches 3 and 4 regulate the **Run** sounds. It is therefore possible to choose the same sound for **Run and Point** or you can choose from sixteen other combinations.

7.3 The four different sounds are:

1. Double beep
2. Trill-tone
3. Two-tone
4. Hawk-scream

Sound selection:

Sound	Point switches	Run switches
Double beep	1 = off 2 = off	3 = off 4 = off
Trill-tone	1 = on 2 = off	3 = on 4 = off
Two-tone	1 = off 2 = on	3 = off 4 = on
Hawk-scream	1 = on 2 = on	3 = on 4 = on

e.g. If you want to choose "Double beep" for **Point** and "Two-tone" for **Run** you need to adjust the switches as follows:

- 1 = off 2 = off (**Point** sound = Double Beep)
- 3 = off 4 = on (**Run** sound = two-tone).

If switches 1 and 2 are selected in the same way as switches 3 and 4, you will have the same sound for **Point** and **Run**.

7.4 Volume:

The scroll-wheel on the left, controls the volume of the double beep and trill-tone sounds (switches 2 and 4 on the off-position). It is recommended not to change the initial setting until you become familiar with this product. The volume of the hawk-scream and two-tone sound is fixed (non-adjustable).

7.5 The **Point Only** sound can be adjusted only from switches 1 and 2.

8. How to test your Beeper

8.1 To control the **Point** sound hold the Beeper in a horizontal position with the collar up simulating the position that normally takes while is on the neck of your dog. The sound is not activated if the Beeper is moving.

8.2 To control the **Run** sound, move the collar from the top downwards and vice-versa until it emits the sound according to the chosen time interval.

9. How to put the Beeper on your dog

9.1 Normally the Beeper is placed with the label in front so that the cap is on the left side of the dog and the speaker on the right side. The collar must be tightened in such a way that there is a two-finger distance between the collar and the neck of the dog. If the collar is moving around the dog's neck while it is running it needs to be tightened.

9.2 If you put it the other way around (speaker left –cap right- label behind) the **Point** function is less sensitive.

10. Dynamics of sounds

10.1 The sound conditions vary considerably during the day depending on the vegetation, the morphology of the terrain and the weather. The sound can be amplified, reflected, suffocated or lost. There are dozens of variables that may affect the sound including the temperature and the humidity, the wind's direction and the density of the vegetation. Adjusting it at the loudest is not always a solution. These considerations depend on each individual's hearing ability.

10.2 Selecting the best sound:

First, there is an advantage to distinguish two or more dogs, depending on the sounds you use. In addition, each sound has special features to support the various hunting conditions, and you can adapt it to your hearing ability. Rather than giving you advices, we suggest you test it. You will realize that some sounds are best suited to your dog, your type of hunting and you will hear them better in different situations. The advantage of this Beeper is that it offers a wide range of sounds to choose from.

10.3 Resonance:

When using the sounds "Double beep" and "Trill-tone" the Beeper will generate the maximum volume when it is adjusted for increased resonance. With the scroll-wheel on the left you can increase and decrease the volume. At particular settings you will notice a significant increase in the volume because the speaker has been designed to create resonance (the sound is harmonically balanced). When this happens you can feel the air coming out of the speaker. A perfect adjustment can generate an air displacement that can blow out a match placed near the speaker. The Beeper has been adjusted, to produce the best resonance.

If you adjust the resonance incorrectly, the sound's volume might be decreased.

10.4 Reaction of the prey:

There is no difference between the four sounds with regard to its effects on the prey. The way of stopping the wild prey depends on the species, weather conditions, hunting pressure, the presence of natural predators, but mainly on the ability of the dog.

We believe that a dog with good hunting experience, while wearing a Beeper, is more cautious when approaching the prey and therefore it is unlikely while pointing, to lose the prey.

PART II Tips and useful information

11. Magnet

If you lose the magnet you can replace it with a magnet from any kind of hardware store.

12. Activation of Point sound

If you believe that the **Point** sound emits too frequently, adjust the scroll-wheel of the seconds for a longer interval. This will prevent false sounds due to short stops of the dog.

13. Point Only

Also in this case the scroll-wheel of the seconds adjusts the activation time of the **Point** sound as in the previous case.

14. Tips for batteries saving

Generally the adjustment of the second interval of the sound has a great effect on the life of the batteries. The longer the interval of the **Run** sound is, the longer the batteries will last. Using the Beeper only on **Point** function you can achieve the minimum possible consumption.

14.1 Selecting the Double beep and Two-tone sounds (which are shorter) will consume less battery energy. To consume less, you can use the Double beep or Two-tone sounds for the **Run** function and the Trill-tone or Hawk-scream sounds for the **Point** function. By only using the last two sounds and setting a short interval the batteries will last less.

A battery can last anywhere from a day to a hunting season. Tip: choose the setting that best suits you without worrying about the battery. Considering all the expenses involved in the hunt, the cost of a pair of batteries is definitely minimum (keep a spare battery along with cartridges).

15. Low temperatures and snow

Using the Beeper in conditions of extreme cold (below zero and snow) requires the use of new or fully charged batteries. The best performance of the Beeper is obtained with temperatures between 0° Celsius and 29° Celsius. In temperatures below -5° Celsius the battery loses power and the speaker's metal stiffens. Duracell batteries can work up to -5° Celsius to -10° Celsius, but the sound volume will progressively decrease (colder = less volume). The resonance of the speaker gets clean because of the snow at every beep sound.

PART III Beeper maintenance

16. Lubrication, speaker maintenance, general maintenance

16.1 Routine checks and maintenance:

Lubricate the cap a couple of times per season with a few drops of silicone-based lubricant to ensure total impermeability. Screw the cap until you hear a clicking sound. It is important that it stays clean from mud and dust.

16.2 It is important to maintain the cap and spring contacts clean from mud and dust. We recommend periodic cleaning with a toothbrush.

16.3 Never use products containing solvents because they react with the plastic and get inside the scroll-wheels. Wash only with soap and water.

16.4 Speaker:

Attention! Do not press on the diaphragm of the speaker-wire as it could damage the mechanism that produces the sound. In the case where the Beeper emits a shrill or ringing sound it means that the metal membrane has been damaged. With normal use, however, infrequent impacts could damage the speaker.

16.5 Maximum volume:

The covering with soft plastic creates a sounding board. The speaker must be positioned downwards to allow drainage. Replace the cap of the speaker when it is worn or loose. A worn or damaged cap is the primary cause of a decrease in volume. A periodic inspection and replacement of the cap of the speaker should be regarded as routine maintenance.

16.6 Storage:

During the hunting season keep the Beeper in a warm and dry place, remove the cap of the battery compartment and let it dry after each use. Condense will be formed within the compartment regardless of the impermeability of the Beeper. Do not dry it with any possible sources of heat (e.g. radiator).

17. Warnings

Do not place the speaker close to your ears! This equipment has been tested and if used correctly, is not harmful to your dog.

18. Warranty and service

Each Beeper is controlled and tested several times. This results into one of the most reliable products of this type. This Beeper has a 2-year warranty for any manufacturing defect from the date of sale. The warranty is not transferable.

18.1 Statistics have shown that if the Beeper defects, it occurs in the first 40 hours of its use. However, it is more likely that the Beeper will function for many seasons without any problems if you follow these instructions. Before returning the Beeper for repairs check the battery and the contact springs.

18.2 The warranty is void in case of any altering or damage caused by improper or incorrect use of the Beeper. The Beeper has been designed to function exclusively with Duracell alkaline 9-volt batteries. Damage caused by other types of batteries is not covered by warranty.

19. Failures, causes and quick solutions

Problem: The Beeper does not turn on

Possible causes:

1. The battery has been installed with reversed polarity
2. The cap has not been sufficiently screwed (no battery contact / circuit)
3. The battery is exhausted
4. Wrong use of the magnet

Problem: The Beeper turned off during the chase

Possible causes:

1. The battery is loose
2. Uncharged battery
3. Different brand battery
4. The threads of the Beeper or the collar cap are dirty and it can not be sealed properly. Remember: change the battery and clean the threads

Problem: The Beeper does not work anymore

Possible cause: You disconnected the battery during activation or deactivation causing a temporary block of the microprocessor

Solution: Disconnect the battery for 3 minutes to allow a complete restoration of the microprocessor

Problem: **Point** signal sounds too often

Possible cause: The setting is too fast compared to the current pace of the dog

Solution: Adjusts the wheel of time clockwise until the problem is solved, refer to sections: 7.1, 12, 13

Problem: Volume loss

Possible cause:

1. The cover of the speaker is broken
2. Uncharged battery
3. Begins to freeze
4. The speaker is damaged
5. Incorrect adjustment of resonance

Solutions:

1. Replace speaker's cover
2. Replace the battery
3. Adjust better the resonance, refer to sections: 10.3

Problem: The **Run and Point** sounds can not be distinguished

Possible causes: You have set the exact same sounds for both the **Run and Point** functions

Solution: Change one of the two sounds or adjust the wheel of the seconds counter-clockwise in order to distinguish the time of sound repetitions, refer to sections: 7 and 8