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INSTRUCTIONS

GPS LOCATOR FOR DOGS

BEEPER ONE GPS



MIDLAND[®]

Introduction

Thank you for choosing the Beeper One GPS, an advanced tool designed to ensure safety, efficiency, and control during your hunting activities. This device allows real-time tracking of your dog, providing you with an accurate overview of its movements even in the most rugged terrain and under the most challenging conditions.

Our collar has been developed with the goal of enhancing cooperation between hunter and dog, increasing the animal's safety and improving the effectiveness of hunting action. Whether you are an experienced hunter or a beginner, this manual will guide you step-by-step in the proper use of the device, from initial setup to field monitoring.

We invite you to carefully read the instructions contained in this manual to make the most of all the features of your GPS collar and to ensure a safe, responsible, and rewarding hunting experience.

Warnings and usage advice

- **Dog's age:** It is not recommended to use the Beeper One GPS collar with the sound active on dogs younger than 6 months. It is important to gradually accustom puppies to the sound emitted by the device to avoid stress or discomfort.
- **Veterinary check:** Before using any type of electronic collar, it is recommended to have your dog undergo a thorough veterinary examination to verify its health condition and suitability for using the device.
- **Sound adaptation:** Gradually accustom your dog to the Beeper One GPS by allowing it to familiarize itself with the sound produced. The volume can be adjusted as needed: it is advisable to start with a moderate sound level. If the dog shows signs of discomfort or intolerance to the sound, stop using the device.
- **Use in enclosed spaces:** Avoid using the Beeper One GPS in enclosed spaces, where the sound power of the device could cause hearing damage. It is recommended to carry out all configuration and volume adjustment operations before putting the collar on the dog.
- **Waterproofing and maintenance:** The collar is waterproof and can be submerged in water; the dog can therefore cross streams or wet areas without any problem. However, in case of prolonged immersion, mud or foliage may block the acoustic cavity of the speaker, reducing the sound volume. In such cases, it is necessary to unscrew the sound diffuser and remove any debris to restore proper functioning.
- **Storage:** After use, dry the device thoroughly before storing it in a cool, dry place. Avoid direct exposure to sunlight or heat sources.
- **Safety:** Keep the device out of the reach of children. The collar is not a toy and, if activated in enclosed spaces, could cause permanent hearing damage.

Package contents

The Beeper One GPS is supplied with the following accessories included:

1. Remote control
2. Dog collar with belt
3. Desktop charger
4. Dual power supply
5. 2 USB type-C cables
6. Midland neck keychain

Main features

- Simultaneous tracking of two dogs
- Coverage up to 2.5 km
- Real-time distance and direction
- "Pointing dog" alert
- "Vibro" function on both the collar and remote control for silent interaction
- Remote control with large display
- Remote control of the collar
- Rechargeable batteries
- IPX7 waterproof collar: resistant to immersion up to 1 meter deep, ideal for wet or aquatic environments
- IPX5 waterproof remote control: resistant to rain and water splashes, ideal for wet environments

Performance and usage conditions

The Beeper One GPS has been designed to deliver optimal performance in outdoor environments, even during the most demanding hunting activities.

Device performance may vary depending on environmental and weather conditions. Natural or artificial obstacles such as hills, buildings, dense trees, or foliage can reduce signal range.

In ideal open field conditions, maximum coverage can reach up to 2,500 meters.

Description of parts

Remote control

1. Power ON/OFF (⏻)
2. Display
3. Menu
4. OK
5. Dog 1
6. 1 Beep Beeper
7. Beep OFF Beeper
8. Power ON Beeper (magnet)
9. Hole for collar
10. USB charging; FW update
11. Beeper volume (3 levels)
12. Beeper vibration
13. Dog 2
14. Exit

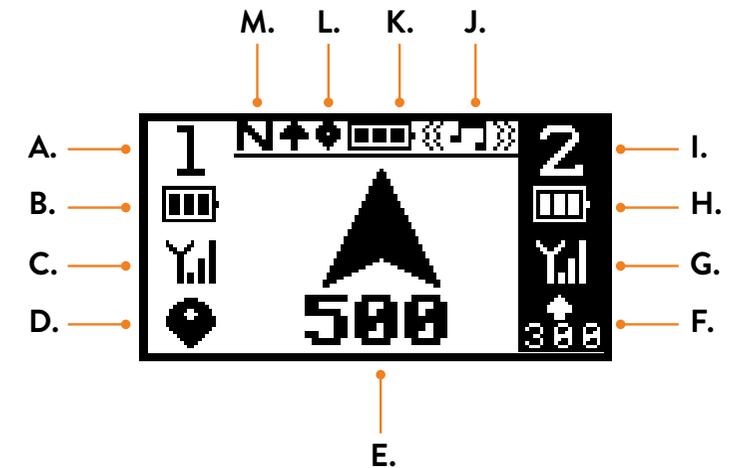
Beeper

15. Speaker cap
16. LED
17. Collar loops
18. Magnetic power-on sensor



Display

- A. DOG 1 indicators
- B. DOG 1 battery status
- C. DOG 1 radio signal
- D. DOG 1 GPS
- E. Distance and direction of the selected dog
- F. Distance and direction of DOG 2
- G. DOG 2 radio signal
- H. DOG 2 battery status
- I. DOG 2 indicators
- J. Remote control alerts (vibro and/or sound)
- K. Remote control battery status
- L. Remote control GPS
- M. Remote control NORTH indicator



Charging the Beeper One GPS

To ensure optimal operation, it is recommended to fully charge both the Beeper One GPS and the remote control before each use.

- To charge the Beeper, insert the device into its charging cradle.
- To charge the remote control, connect one of the supplied USB-C cables to the corresponding charging port (10).

Both devices must be connected to a power source using the supplied power adapter.

When the Beeper is placed in the charging base, it emits an acoustic signal and the LED starts flashing intermittently.

When charging is complete, the LED will light up solid green.

When the remote control is connected to the charging cable, it emits an acoustic signal, and the battery icon appears on the screen. When charging is complete, the battery icon will show as fully filled (100%).

Important:

- **It is recommended to switch off the devices before starting the charging process.**
- **Use only the supplied power adapter and cables.**
- **Do not charge the devices in damp environments or near heat sources.**

Update

Before starting to use the devices, it is strongly recommended to check that they are updated to the latest firmware version. Installing the latest version ensures the correct functioning of the system and allows you to benefit from all improvements, new features, and recent optimizations developed by the manufacturer.

An updated firmware also ensures greater stability, accessory compatibility, and optimal performance under all operating conditions.

To properly update your device, carefully follow the steps listed below:

1. **Download the update software.**
Go to the official website <https://www.midlandeurope.com/> and download the software dedicated to updating the devices.
2. **Install the software.**
Once the file has been downloaded, start the installation and follow the on-screen instructions. When finished, open the software.
3. **Select the number of beepers to update.**
When the program opens, select the number of beepers you own that you wish to update.
4. **Connect the remote control to the computer.**
Use a USB Type-C cable to connect the remote control to the computer. Make sure the connection is stable.
5. **Activate update mode on the remote control.**
Press and hold the buttons  and  simultaneously until the remote control vibrates and begins to flash intermittently: this indicates that it has entered update mode.

6. **Prepare the beeper for the update**
 - **Connect the beeper charger to a power outlet.**
 - Insert the beeper into the charger, ensuring it is positioned correctly.
 - Turn on the beeper using the remote control until it emits a vibration.
 - After the vibration, the beeper will be powered on and ready for the update.
7. **Start the update**
Once all devices are connected and ready, the software will proceed with updating the devices.

Important:

- **Follow the procedure step by step. Each step must be carried out in the order indicated by the software. An error in the sequence of operations can compromise the entire process. (For example: if the beeper is turned on before the remote control, the update will fail.)**
- **Keep the devices close to each other. During the entire procedure, the remote control and the beeper must be kept at a short distance from each other to ensure stable communication.**
- **Make sure both devices are turned off. Before starting the update, both the remote control and the beeper must be completely turned off.**
- **Only update one KIT at a time.**

Menu functions

Calibration

This function allows you to calibrate the internal compass of the remote control to ensure precise direction tracking of the dog. For maximum accuracy of the beeper's direction and distance, it is recommended to calibrate the remote control before each use.

Calibration procedure

1. Turn on the remote control.
2. Press  once.
3. The first item displayed will be "CALIBRATION."
4. Press .
5. A graphic indication will appear on the display asking you to rotate the remote control counterclockwise three times.
6. At the end of the three rotations, the remote will emit a vibration and a sound alert.
7. A new graphic indication will appear on the display asking you to rotate the remote control horizontally counterclockwise three times.
8. After completing the three rotations, the remote will emit a vibration and a double sound alert.
9. The display will show the message "PRESS OK"
10. Press  to complete the calibration.

Once confirmed, the calibration will have been successfully completed.

Compass

This function allows you to view the direction of magnetic north relative to the position and orientation of the remote control. This function is useful for orientation during hunting activities or in natural environments.

How to access the function:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to the next item: **COMPASS**.
5. When “**COMPASS**” is highlighted, press  to enter the section.

Once inside the section, the compass will show a clear graphic indication on the display of the north position relative to the orientation of the remote control. North will be represented by an arrow that rotates in real time following the movements of the device.

Note: for an accurate reading, it is advisable to perform calibration of the remote control before using the compass function, especially if you have changed your geographic position since the last calibration.

Ringtone

This setting allows you to adjust the volume of the acoustic signals emitted by the remote control, such as selection confirmations or alerts related to the dog’s activity (e.g. dog on point). You can choose from four volume levels, depending on the environment and the user’s preferences:

- **OFF** – No sound: useful in situations where maximum silence is required.
- **Low** – Reduced volume: ideal for quiet environments or more discreet use.
- **Medium** – Standard volume: recommended for everyday use.
- **High** – Maximum audibility: perfect for noisy or windy environments.

How to change the ringtone:

- A. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **RINGTONE**.
5. When “**RINGTONE**” is highlighted, press  to enter the section.
6. Use  to scroll through the available options.
7. Press  to confirm your selection.

The active selection will be confirmed by a corresponding sound signal, and the remote-control display will show the graphic indicator of the selected volume.

Note: the ringtone setting applies only to the remote control and does not affect the collar volume, which must be managed separately using the dedicated button.

Vibration

This setting allows you to enable or disable the tactile feedback of the remote control for notifications, alerts, or selection confirmations. When enabled, the remote will emit a slight vibration instead of or in addition to the sound signal.

This function is particularly useful:

- In noisy environments where sound signals may not be clearly heard.
- During hunting activities or in situations where maximum silence is needed.
- For those who prefer discreet feedback instead of sound.

How to enable/disable vibration:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **VIBRATION**.
5. When “**VIBRATION**” is highlighted, press  to enter the section.
6. Use  to scroll through the available options.
7. Press  to confirm your selection.

Note: vibration applies only to the remote control and does not affect the dog’s collar.

Backlight

This setting allows you to adjust the screen brightness of the remote control to three different levels: low, medium, and high. This adjustment optimizes the visibility of displayed information, adapting to different environmental conditions:

- **Low:** ideal for nighttime use or in dimly lit environments; reduces glare and helps save energy.
- **Medium:** standard level, suitable for most situations.
- **High:** recommended for use in full sunlight or very bright environments, ensuring clear display readability.

How to change brightness:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **BACKLIGHT**.
5. When “**BACKLIGHT**” is highlighted, press  to enter the section.
6. Use  to scroll through the available options.
7. Press  to confirm your selection.

Note: proper brightness adjustment can help improve the device’s battery life.

Appearance

This setting allows you to customize the graphical interface of the remote-control display by choosing between two visual themes: light and dark. This option helps improve the readability of information based on ambient light conditions and the user's personal preferences.

- **Light theme:** features a light background with dark text. Ideal for use in well-lit environments or during the day, offering high contrast in natural light conditions.
- **Dark theme:** features a dark background with light text. Recommended for night use or in low-light environments, it reduces eye strain and energy consumption.

How to select the theme:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **APPEARANCE**.
5. When **"APPEARANCE"** is highlighted, press  to enter the section.
6. Use  to scroll through the available options.
7. Press  to confirm your selection.

Tip: set the dark theme during outings at dawn or dusk to reduce device visibility and maintain a discreet profile while hunting.

Channel

This setting allows you to set the radio communication channel between the remote control and the Beeper One GPS collar. Four distinct channels are available (CH 1, CH 2, CH 3, CH 4), which can be selected according to operational needs.

The ability to change the channel is particularly useful in areas where other similar devices are in use, such as during competitions, group hunts, or training sessions. Using a dedicated channel reduces the risk of interference, ensuring a stable and reliable connection between the remote control and the collar.

How to set the channel:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **CHANNEL**.
5. When **"CHANNEL"** is highlighted, press  to enter the section.
6. Use  to scroll through the available options.
7. Press  to confirm your selection.

Note: make sure that both collar and remote control are set to the same channel, otherwise communication will not be possible.

Important:

The channel is assigned automatically during the pairing procedure with the collar, but it can be changed manually if needed. If the channel is changed manually from the remote control after pairing with the Beeper, the pairing procedure must be repeated to ensure proper synchronization between the two devices.

Beeper tones

This setting allows you to select the set of sounds used by the Beeper One GPS collar for acoustic signalling. Four different sets are available: Set 1, Set 2, Set 3, and Set 4, each characterized by different tones and frequencies.

The option is designed to offer the user the ability to personalize the experience according to their hearing or environmental needs. In addition, the distinction between sound sets can be useful when using multiple collars at the same time, allowing each dog to be easily recognized by the specific sound associated with its device.

How to select the sound set:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **BEEPER TONES**.
5. When **"BEEPER TONES"** is highlighted, press  to enter the section.
6. Use  to scroll through the available options.
7. Press  to confirm your selection.

If the Beeper sound set is changed manually from the remote control, the devices must be synchronized for the new settings to take effect.

To synchronize, follow the procedure based on the associated dog.

To synchronize Dog 1's sounds:

- Press .
- Press  to send the new information to the Beeper.

To synchronize Dog 2's sounds:

- Press .
- Press  to send the new information to the Beeper.

Tip: choose the sound set that best suits your hearing or the type of terrain (dense woods, plains, mountain areas) where you usually operate.

Language

This setting allows you to select the language of the remote-control interface, making it easier to navigate the menus and use the device's functions in your preferred language.

The following languages are available:

- Italian
- English
- Spanish
- French
- Turkish
- Romanian
- Russian
- Greek

Selecting a language updates all text displayed on the remote-control screen, making the user experience simpler and more intuitive for users of different nationalities.

How to change the language:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **LANGUAGE**.
5. When "**LANGUAGE**" is highlighted, press  to enter the section.
6. Use  to scroll through the available options.
7. Press  to confirm your selection.

Note: the selected language will remain active even after turning off the device, until changed again by the user.

Info

The Info section allows you to view the current technical and configuration details of the device. It is particularly useful for quickly checking the operational status of the remote control and for providing technical details in case of support or updates.

When accessing this section, the following data are displayed:

- **Ringtone volume:** current level set (OFF, low, medium, high)
- **Vibration:** status of the vibration function (enabled/disabled)
- **Display brightness:** level set (low, medium, high)
- **Appearance:** light or dark theme
- **Communication channel:** one of the four available (CH 1, CH 2, CH 3, CH 4)
- **Interface language:** currently selected language
- **Hardware number:** device model identifier
- **Firmware version:** currently installed system software version

These information allow the user to fully monitor the current configuration and facilitates interaction with technical support, should it be necessary to provide details about the device.

How to access the Info section:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **INFO**.
5. When "**INFO**" is highlighted, press  to enter the section.
6. Use  to scroll through the available information.
7. Press  or  to return to the main menu.

Tip: check this section regularly to ensure your firmware is up to date and your settings match your usage needs.

Save Area

This function allows you to store the current geographical position of the remote control as a reference point. It is particularly useful for marking important spots during field activities, such as:

- The point where the car was parked
- The starting point of a hunt
- An area of interest (e.g., wildlife presence or meeting point)

The saved location can be recalled at any time using the Find Location function, even after several hours.

How to store the coordinates:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **SAVE AREA**.
5. When "**SAVE AREA**" is highlighted, press  to enter the section.
6. Press  again to save the coordinates.

Note: it is recommended to save the location only after acquiring a good GPS signal to ensure maximum accuracy.

Back to Area

This function guides the user back to the previously saved position using compass and distance indicators. An arrow on the display shows the direction to follow, while a distance in meters indicates how far remains.

This function is particularly useful for:

- Easily finding your car at the end of the activity
- Quickly and safely returning to the starting point
- Navigating in complex environments or in low visibility conditions

How to start the function:

1. Turn on the remote control.
2. Press  once to access the main menu.
3. The first item displayed will be: **CALIBRATION**.
4. Press  again to scroll to: **BACK TO AREA**.
5. When “**BACK TO AREA**” is highlighted, press  to enter the section.
6. Press  again to start the function.
7. The display will show the compass to guide you to the location saved in Save Location.

Tip: when using the Find Location function, hold the remote control in a horizontal position and move steadily to improve compass accuracy.

Operation

Power on and off

Remote control

To switch on the Beeper One GPS remote control, press and hold the  for about 3 seconds.

Once powered on:

- The screen lights up and displays “**MIDLAND**”
- The device vibrates
- An acoustic signal is emitted
- Then, press “**OK**” to confirm the GPS information

At this point, the remote control is ready for use.

To turn off the remote control, press and hold the  again for 3 seconds until the screen turns off.

Beeper

To switch on the Beeper, bring the red arrow located on one corner of the collar close to the red arrow on the bottom left corner of the remote control.

To confirm it has powered on:

- The device emits an acoustic signal
- The LED lights up with a steady green light

To switch off the Beeper, repeat the same procedure. An acoustic signal will confirm the power off, and the LED will turn off.

Pairing

To correctly pair the Beeper One GPS with the remote control, make sure that:

- The remote control is switched off.
- The Beeper’s charging cradle is properly powered.

Pairing procedure

1. Insert the Beeper into the charging cradle

Within the first 30 seconds, the Beeper will flash rapidly and emit an acoustic signal, confirming the pairing mode has started.

2. Start pairing from the remote control

With the remote control switched off, press and hold the  for about 3 seconds.

3. To confirm the procedure has started:

- An acoustic signal is emitted.
- The remote-control screen lights up for one second.

4. Completing the pairing

The Beeper’s LED will stop flashing rapidly and will begin flashing at a regular pace.

To pair a second collar to the remote control, repeat the procedure using the .

Note: during the pairing procedure, the communication channel between Beeper and remote control is also assigned.

Dog in motion

Once pairing and remote-control calibration are complete, the device is ready for use.

When the dog is moving, the remote control detects and displays in real time:

- The dog’s direction through an arrow oriented like a compass
- The distance from the dog in meters, shown below the arrow

This information allows you to easily monitor the dog’s activity during hunting or training.

Out of range signal

If the dog moves beyond the maximum range, the directional arrow on the display turns white with a black outline, indicating that the radio link has been lost and the position is no longer updated.

Note: distance measurement may be less accurate when the dog is within 15 meters of the remote control.

Dog on point

The Beeper One GPS can detect when the dog is on point, meaning it remains still for a few seconds—a typical behaviour in hunting with pointing dogs.

When the dog is on point, the system notifies with:

- A visual alert on the remote-control display, showing the pointing dog icon and its updated position.
- An acoustic signal and/or vibration on the remote control, depending on the selected settings.
- An acoustic signal on the Beeper, depending on the selected settings.
- The distance and direction indicators remain active, allowing precise location of the dog.

This feature is particularly useful for quick intervention without disturbing the dog during the pointing phase.

Tip: you can customize the alert modes (vibration only, sound only, or both) via the remote control’s settings menu, according to your preferences or environmental conditions.

Technical specifications

Frequency:	433.775 MHz up to 434.200 KHz
Power:	≥ 10 mW ERP
Operating temperature:	-20°C to +50°C

Warranty

- The consumer holds the rights provided by the applicable national legislation on the sale of consumer goods, and these rights are not affected by this warranty.
- The product is covered against manufacturing defects for the period indicated in the warranty certificate issued at the time of purchase.
- The warranty is valid only if the product sent for repair is accompanied by the original warranty certificate, complete with dealer's stamp and purchase date, without any tampering.
- Shipping costs, both for sending and returning the product to a MIDLAND S.r.l. Service Center, are the responsibility of the user.
- The warranty does not cover defects arising from use of the product with accessories or software not supplied or produced by the manufacturer, nor damage caused by use of the product in ways other than those for which it was designed.
- The warranty will be void in case of opening, modification, or repair by unauthorized personnel or repairs carried out with non-original spare parts. Furthermore, the warranty will be void, and no compensation can be claimed if the product has been modified or altered from its original characteristics at the time of sale.
- The consumer will not be entitled to compensation for the period during which the product was unusable, nor can they claim reimbursement for expenses incurred or direct or indirect damages resulting from improper or non-compliant use of the product.

