

MICRO B

COLLAR RECEIVER

USER GUIDE ▲

EN

MA RTIN[®]
SYSTEM

Table of Content

Description	3
Transmitter Magnet Location and Range	7
Switching the Collar Receiver On and Off	8
Fitting the Collar on the Dog	9
Checking the Collar Contact	10
Pairing the Collar Receiver with a Transmitter	11
Unpairing the Collar Receiver	12
Pairing the Collar Receiver via Bluetooth	13
Charging the Collar Receiver	14
Precautions for Use	16
Troubleshooting	17
Checking the Stimulation Operation	18
Recycling	19
Warranty	20
Conformity	21

Description



Characteristics

- The Micro B collar receiver is waterproof.
- It has a discharged battery indicator.
- The contact points are made of high quality stainless steel.
- It is compatible with all transmitters from Martin System®.
- It is easy to switch on and off.

Specifications

- | | |
|--------------------------|---------------------------------|
| □ Dimensions: | 35 x 55 x 22 mm |
| □ Weight: | 34 g |
| □ Power supply: | 3.7 V - 200 mAh Lithium Polymer |
| □ Frequency: | 869.5 MHz |
| □ Antenna: | Integral |
| □ Operating temperature: | -20°C to +40°C |

Operating modes

Depending on your transmitter model and configuration, the Micro B collar receiver is able to stimulate the dog in different ways and with different levels.

- For more detailed information, please check the user guide of your transmitter.
- The Micro B collar receiver is equipped with:
 - A buzzer.
 - A vibrator.
 - A stimulation system.
- The Micro B collar receiver operates in 4 different default modes:
 - Clicker (level 0).
 - Stimulation (flash / nick, continuous and rising).
 - Tone with vibration and stimulation (flash / nick, continuous and rising).
 - Warning tone and vibration followed by tone, vibration and continuous stimulation.

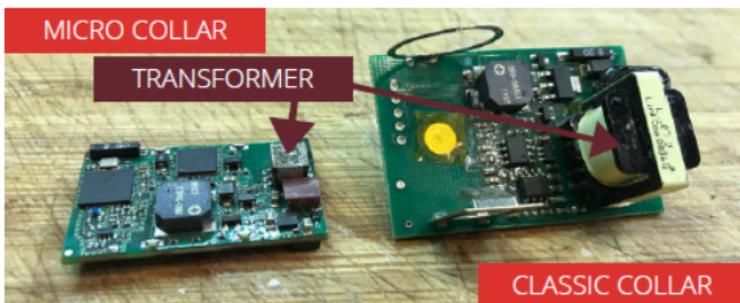
Main benefits

Your Micro B collar receiver uses the best technologies in the electronic collar industry and most of them are patented by Martin System®:

- The New High Tension Transformer - NHT (*patented*).
- The consistent reliable stimulation - S.S.C. ("Stimulation à Sensation Constante") (*patented*).
- The Contact Measurement System - CMS (*patented*).
- The best quality contact points (made of marine grade stainless steel) that greatly reduces the risk of chemical necrosis .

The smallest receiver with the longest battery life

- The Martin System® patented NHT Transformer is about 1/8th the size of a standard transformer, with the same capacity of stimulation and consistent reliable stimulation.
- The main benefits of using a NHT Transformer are:
 - The smallest receiver with the longest battery life in standby.
 - A stable stimulation even at high level when the battery is low.



Safe and fair stimulation

The Micro B collar receiver is equipped with the patented S.S.C. stimulation:

- It measures the conditions of the dog's skin 20 times per second .
- It adapts the output stimulation level to ensure a constant and reliable sensation felt by the dog.
- This avoids the risk of accidental overstimulation of the dog due to constantly changing environmental factors.



any electronic collar **without** S.S.C.



Transmitter Magnet Location and Range

The pictures below show, for different transmitters:

- The location of the magnet.
- The range of the collar receiver.
 - The given range is valid in optimal conditions.
 - For more detailed information, please check the user guide of your transmitter.

PT 3000 / PT 3004



TINY TRAINER



TT 1000



CTT



Switching the Collar Receiver On and Off

Switching the collar receiver ON

1. Slide the magnet (standalone or in the transmitter) next to the **ON / OFF / synchronizing point** of the receiver.
 - ▶ You hear an ascending tone.
 - ▶ The contact measurement starts if it is enabled in the application (default setting).
 - ▶ The collar is ON and ready for use.



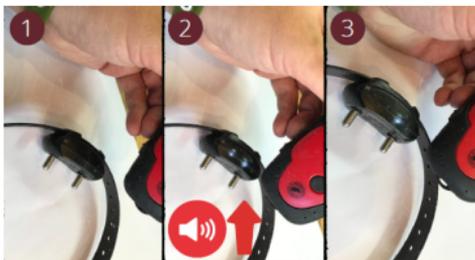
WARNING

If the tone does not start with the flashing of the LEDs, this means that the battery is low and you should recharge it as soon as possible.



TIP

Do not leave the magnet too long next to the **ON / OFF / synchronizing point** or the pairing process starts.



Switching the collar receiver OFF

1. Slide the magnet (standalone or in the transmitter) next to the **ON / OFF / synchronizing point** of the receiver.
 - ▶ You hear a descending tone.
 - ▶ The LEDs stop flashing.
 - ▶ The collar is OFF.

Fitting the Collar on the Dog

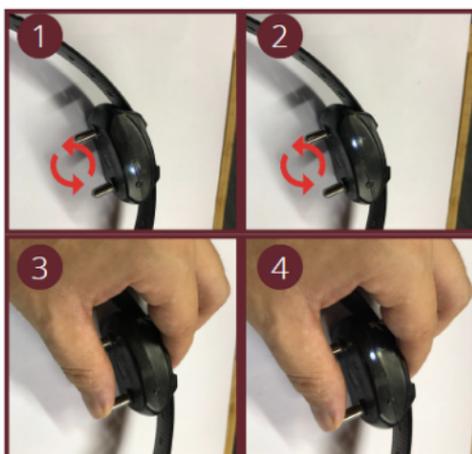
1. Clean and brush the fur. Remove any remaining underfur.
2. Position the Micro B collar receiver under the dog's neck.
3. Adjust the strap properly.
 - If the strap is too loose, the contact points will not be in contact with the dog's skin and the dog will not feel the stimulations.
 - If the strap is too tight, the dog will have difficulty breathing.
4. Use the CMS (Contact Measurement System) to fit the collar as loosely as possible while ensuring a good contact with the skin.



Checking the Collar Contact

The Micro B collar receiver uses the patented Contact Measurement System (CMS).

- A LED on the collar indicates if there is a contact with the dog's skin for a safe and effective training.
- The CMS makes it possible to avoid any accidental overstimulation when there is no direct contact (due to bridging electricity).
- While the CMS is checking for contact, the LED lights flash quickly and alternatively.
- The CMS is active for 2 minutes after switching the collar on.
- When there is correct contact, one LED blinks twice every 3 seconds.
- Press on any button on the transmitter or on the FingerKick to stop the CMS.



Pairing the Collar Receiver with a Transmitter

1. Position and hold the magnet (standalone or in the transmitter) next to the **ON / OFF / synchronizing point** of the receiver.
2. Wait until the LEDs blink quickly and simultaneously.
3. Move the magnet and the transmitter at least 1 meter away.
4. Within 10 seconds, press the simulation button on your remote or on the connected fingerkick.
5. Press the button again to make sure the pairing is done.
6. Press the stimulation button and check that the collar reacts.



Unpairing the Collar Receiver

Micro B collar receiver with 1 ID code

1. Pair your collar to another transmitter.
 - ▶ It is automatically unpaired from the previous transmitter.

Micro B collar receiver with 4 ID codes

1. Position and hold the magnet (standalone or in the transmitter) next to the **ON / OFF / synchronizing point** of the receiver.
2. Wait until the LEDs blink quickly and simultaneously.
3. Move the magnet at least 1 meter away for about 3 seconds.
4. Slide again the magnet (standalone or in the transmitter) next to the **ON / OFF / synchronizing point** of the receiver
 - ▶ The LEDs stop flashing quickly and simultaneously.
 - ▶ The corresponding pairing is erased.

You can pair the Micro B collar receiver with up to 4 transmitters / ID codes (that is both sides of 2 PT3000 devices):

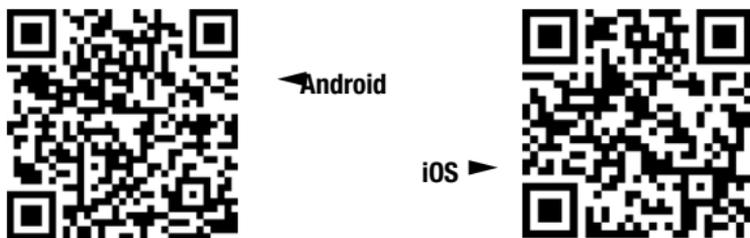
- The transmitters are paired in the order 1, 2, 3, and 4.
- If you pair an additional transmitter, it replaces the 4th one.
- To erase the transmitters / ID codes 1, 2, 3 and 4 unpair all transmitters.



Pairing the Collar Receiver via Bluetooth

Installing the application

- ❑ Search and install the application **Doggify** on your smartphone.
- ❑ Or scan the QR code:

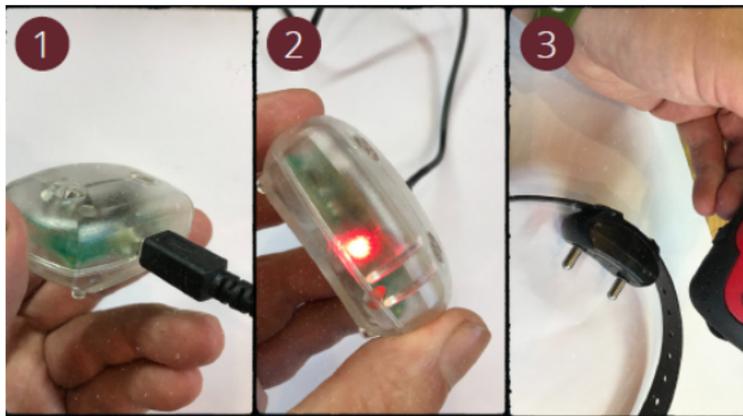


First pairing:

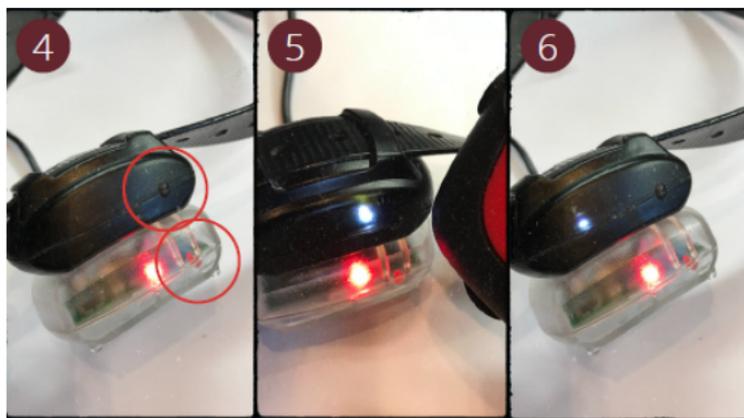
1. Switch the collar receiver on.
2. Make sure that the Bluetooth is activated on your smartphone.
3. Start the **Doggify** application.
4. Add a new collar receiver when requested or press the (+) sign in the upper right corner of the application screen.
5. Tap on the Micro B device.
 - ▶ The device connects to your collar receiver.
6. Accept the pairing.
 - ▶ The LEDS flash quickly on the collar receiver to confirm the pairing.
7. In the next 30 seconds and to ensure the pairing with the proper collar receiver, slide again the magnet next to the **ON / OFF / synchronizing point** of the receiver.
 - ▶ A green check sign is displayed on the application screen.
 - ▶ The collar receiver is paired with your smartphone.

Charging the Collar Receiver

1. Connect the power supply to the charger module.
2. Connect the power supply to a power source (mains, 12 V cigarette lighter socket, USB port of a computer...).
- ▶ A LED on the charger module lights continuously.
3. Switch the Micro B collar receiver OFF.



4. Plug the collar receiver on the charger module aligning the red dot on the collar receiver with the red dot on the charger module..
- ▶ If the receiver is correctly placed, the battery automatically charges.



WARNING

If you hear an ascending tone, the collar receiver is inserted the wrong way in the charging module or the charging module is not powered.

5. Check the LED on the collar receiver:
- Flashing: the battery is charging.
 - Continuous: the battery is charged.

Precautions for Use

Martin System® follows ECMA rules.

- ❑ **Do not leave the collar around the dog's neck for long periods.**
 - Never longer than 8 consecutive hours.
 - The pressure and the friction of the contact points may irritate the skin.
- ❑ **Every day, check the dog for roughness, irritated skin or cuts in the area in contact with the contact points.**

If this is the case:

 - Remove the collar immediately.
 - Administer the appropriate care.
 - Wait until the dog has healed completely before using a collar.
 - If the skin condition does not improve, consult a veterinarian.
- ❑ **Every week, disinfect the dog's neck and the contact points.**
 - Use a sponge or a towel soaked with a disinfecting solution.
- ❑ **If the dog is in poor health, consult a veterinarian before using a training collar.**
- ❑ **To properly use this product, you need a minimum of basic training (such as sit, lie down and some knowledge of recall).**
- ❑ **Regularly check that the contact points are securely attached and locked in place.**
- ❑ **Never leave the collar receiver close to a transmitter or a magnet that may pair or unpair the collar unexpectedly.**

Troubleshooting

You hear an ascending tone when you switch on the collar receiver connected to the charging module

- The collar may be reversed on the charging module.
 - Remove and insert it again in the correct position.
- The charging module may be not powered.
 - Power the charging module with a USB cable.

You cannot switch on the collar receiver

- The battery of the collar receiver may be fully discharged.
 - Recharge the collar receiver on the charging module.
 - If it is fully discharged, charge it for about one hour before trying to switch it on.

The collar receiver does not respond when you press a button

- The devices may be unpaired.
 - Pair again the devices.
- Check the operation at various distances.
 - If it is a range problem, replace your transmitter battery.

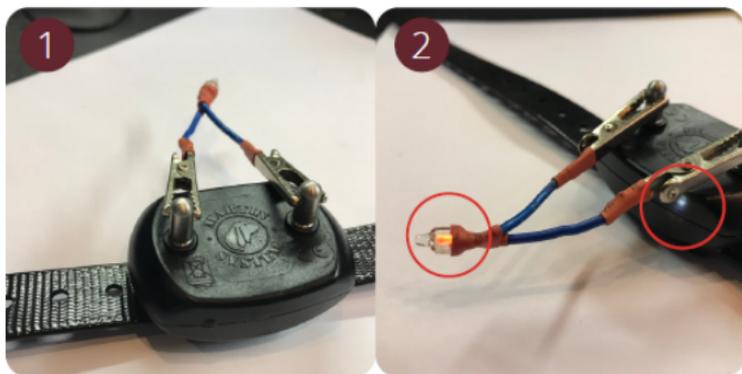
If you encounter any other problem

- Check the FAQ on our website.
- Contact our service centre.

Checking the Stimulation Operation

To check the correct operation of the collar receiver, you need the indicator lamp.

1. Attach the alligator clips to the contact points.
2. Send one or more stimulations with your remote control.
 - ▶ If the receiver is working correctly, the indicator lamp illuminates with each impulse (the higher the level, the brighter the illumination).
 - ▶ If the indicator lamp does not light for levels higher than 1, contact your retailer.



Recycling



Standards require that electrical parts and electronic devices are recycled and not thrown in the waste bin.

If you are no longer using this material or if it cannot be repaired, do not throw it away in the usual household rubbish. Return it to the vendor or contact Martin System® customer service for further information.

Warranty

Martin System® guarantees its equipment against manufacturing defects for 2 years, covering parts and labour.

This warranty covers all faults that occur under normal operating conditions.

Faults arising from accidents and/or improper use are not covered.

The warranty does not cover any of the following:

- The replacement of batteries.
- The replacement of the strap.
- The transport risks involved in returning the product to Martin System®.
- The damage to the product as a result of negligence or an error on the part of the user.
- The damage to the product as a result of repairs made by non-authorized persons.
- The liability for damage caused by the improper use of the product or a breakdown.

In the case of a defect, the device will, at Martin System® discretion, be repaired or exchanged.

To benefit from this warranty, you must send to Martin System®, within ten days, the warranty certificate that accompanies the device . The warranty does not cover devices for which the warranty certificate has not been filled in an returned to Martin System®.

DECLARATION OF "CE" CONFORMITY

Declaration of Conformity (DoC)

Directive R&TTE 1999/5/CE

MARTIN SYSTEM™

declares that the

Micro B Collar Receiver

complies with all the terms of the European Directive

No. 1999/5/CE of 07/04/99

And complies with the following standards:

SAFETY (art 3.1.a): EN 60950

EMC (art 3.1.b): EN 300.489-3 V1.4.1

SPECTRUM (art 3.2): EN 300.220-3 V1.1.1

Place and date of this document: Lantin, 15 March 2019

MARTIN SYSTEM™

Rue Joseph Martin, 35

4450 LANTIN - BELGIUM

Signed by or for the manufacturer:

Name: Michael Bellon

Position : Director



Notes





Cutting-edge **technology** ▶ **Nature** in simple ways

Rue Joseph Martin, 35 - B-4450 Lantin - Belgium
+32(0)4 263 96 05 - info@martinsystem.com
www.martinsystem.com