

easy mini



DEUTSCH

ENGLISH

ITALIANO

FRANÇAIS

NEDERLANDS

d-control

easy mini

Elektronisches Erziehungshalsband
Electronic training collar
Collare elettronico di addestramento
Collier électronique de dressage
Elektronische trainingshalsband

DECLARATION OF CONFORMITY

Manufacturer:

VNT electronics s.r.o.
Dvorská 605, 563 01 Lanškroun,
Czech Republic
IČO: 64793826

declare under own responsibility that the product:

Electronic training collar Dogtrace d-control easy mini

is in compliance with the essential requirements and other relevant provisions of Directivem 2014/53/EC, meets requirements of General Licence of The Czech telecommunication office according to general licence no. VO-R/10/05.2014-3 and corresponds to the following standards:

ETSI EN 301 489-1 V1.9.2

ETSI EN 301 489-3 V1.6.1

ETSI EN 300 220-2 V.2.4.1

**ETSI EN 60950-1 ed.2:2006 /A1:2010 /A11:2009 /A12:2011 /A2:2014/Cor.1:2012
EN 62479:2010**



The product is safe under conditions of standard use in accordance with the user guide.

The Declaration of Conformity is based on following dates:

Measuring report no.: 6440-7600/2008 issued by certificated laboratory no.1103 VTÚPV Vyškov

Measuring report no.: 6440-697/2008 issued by certificated laboratory no.1103 VTÚPV Vyškov

This declaration of Conformity is created in exclusive responsibility of producer.

In Lanškroun 1. 1. 2018

Ing. Jan Horák

executive director

Tel.: +420 461 310 764

info@dogtrace.com

www.dogtrace.com

A handwritten signature in black ink, appearing to be 'J. Horák', is written over the printed name and title.

Thank you for purchasing the d-control Dogtrace brand from VNT electronics s.r.o.

Before using your product, please read the instructions in this user guide carefully and keep it for future reference.

VNT electronics s.r.o., hereby declares that the **Dogtrace** electronic training collar **d-control easy mini** complies with the basic requirements and further relevant regulations of directive **2014/53/EC**.

Contents

Important notice	27
ECMA	28
Introduction	29
Product description	30
Battery installation and replacement	31
Turning ON/OFF	33
Programming (pairing) of the transmitter and the receiver	34
How to use the remote controller	35
How to check that your d-control works correctly	36
For the best results	36
We are starting with the training collar	38
TIPS	40
Hints for using	40
Maintenance	41
Troubleshooting	41
Technical specifications	42
Warranty terms and conditions	43
Certificate of warranty	108



dog training
basic commands

dogtraceofficial



Important notice

- The electronic training collars d-control are intended only to train animals. They are not intended to harm, injure or to cause fear.
- Do not use the electronic training collars for dogs with health problems (e.g. heart disease, epilepsy, etc.) or for dogs with behavior disorders (aggressive dogs etc).
- The collar should never be worn for more than 12 hours a day. Long-term effect of contact points on the dog's skin can cause skin irritation. If a rash or sore skin is found, do not use the collar until it has healed.
- Never connect a leash to the electronic collar; this could cause excessive pressure on the contact points or mechanical damage of the receiver.
- In case of any problems or for further advice do not hesitate to contact a professional trainer.
- Do not place the transmitter close to objects which are sensitive to magnetic field, this could cause a permanent damage.
- Receiver and transmitter batteries need to be replaced every two years, even if the kit has not been used. Never leave flat batteries inside of the device - it could damage your device.
- The person with a personal instrument to support heart activity (pacemaker, defibrillator) must respect the relevant precautionary measures. The d-control emits a certain stationary magnetic field.



VNT electronics s.r.o., professional producer of the dog training equipment, which is manufactured and sold under the brand name Dogtrace, is a proud and active member of the **Electronic Collar Manufacturers Association**.

ECMA was founded in Brussels in 2004 as a result of increasing awareness from different manufacturers concerning the necessity of regulating their industry. The main target of the association is to develop and produce reliable training systems of high quality, which are safe for the animals and improve the communication between pets and their owners. All members of the ECMA provide you with both technical and training guides that contain instructions and advice for safe use of electronic training equipment and enable all dog owners to use the training systems in an effective, responsible and humane way. All ECMA member's products meet the latest technical requirements which ensure minimum production standards and safety features and enable training while protecting animal welfare.

The ECMA is convinced that the electronic training collars are effective and humane training tools when used responsibly and combined with an appropriate reward.

For more information please visit **www.ecma.eu.com**.

Introduction

The electronic training collar Dogtrace d-control easy mini, consisting of the transmitter and the receiver, it is a modern, safe, reliable, and effective training tool. With the d-control training collar you can make corrections that are suited to your dog's temperament and the distraction level of the moment, at the proper time, for maximum training efficiency. However, correcting to stop unwanted behaviour is only a small part of what you can do with the d-control. More importantly, the d-control is a powerful tool for encouraging desired behaviour. It is possible to easily adjust the intensity of the stimulation.

The electronic training collar d-control easy mini is suitable especially for small dogs, thanks to its small dimensions and low weight of the receiver. Its control is very simple; there are six different stimulation levels of lower intensity and an audible beep tone available.

PACKAGE CONTENTS

- Transmitter with belt clip
- Receiver with the strap
- 2 pairs of contact points (12 mm and 17 mm)
- 2 lithium batteries CR2 3V
- Test discharge lamp
- Lanyard
- User guide and certificate of warranty

OPTIONAL ACCESSORIES

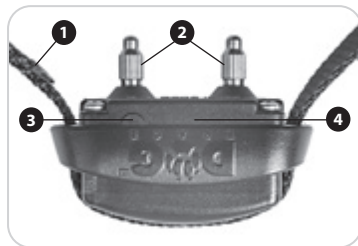
- Spare rubber seal for the receiver
- Spare screws
- Spare contact points (12, 17, 21 mm)
- Dummy receiver (with the strap)
- Spare batteries
- Woven collars - various colours

Product description

REMOTE CONTROLLER



RECEIVER WITH THE STRAP



REMOTE CONTROLLER

- 1 – Sound signal button
- 2 – Buttons to select stimulation impulse 1 - 6
- 3 – ON/OFF power switch
- 4 – Indicator

RECEIVER WITH THE STRAP

- 1 – Woven strap
- 2 – Contact points
- 3 – Target
- 4 – LED Indicator

Battery installation and replacement

INSTALLATION (REPLACEMENT) OF THE BATTERY IN THE RECEIVER (COLLAR)

- Screw out 4 screws from the battery cover using a cross-head screwdriver and remove the lid.
- Insert the lithium CR2 3V battery into the battery compartment with a correct polarity (according to the polarity indicated with the "+" symbol in the battery compartment – see the Fig.). A wrong polarity may damage the unit.

When you insert the battery for the first time, or if the battery is removed longer than a few tens of minutes, you will hear an audible beep tone indicating the correct installation of the battery.

- Make sure that the rubber seal is clean and correctly seated in its groove. Clean any dirt from the seal.
- Put the battery cover of the receiver back and screw in the 4 screws adequately.



Battery polarity indicator

Note: When you replace the battery quickly, you may not hear the audible beep tone of the collar.

Checking the receiver battery status

The status of the battery is indicated by LED indicators on the side of the receiver. (see chapter: *Product description – Receiver with the strap*).

- **The battery is fully charged** – when switched on, green LED is flashing
- **The battery is low** – when switched on, red and green LED is flashing

When the battery is low or flat, insert a new CR2 3V lithium battery into the receiver. Check the correct function.

INSTALLATION (REPLACEMENT) OF THE BATTERY IN THE REMOTE CONTROLLER

- Screw out the screw from the battery cover using a cross-head screwdriver and carefully remove the lid.
- Insert a new lithium battery CR2 3V into the battery compartment with a correct polarity (according to the polarity indicated with the “+” symbol in the battery compartment). Wrong polarity may damage the unit.
- Put the battery cover back and screw in the screw adequately. Checking the transmitter battery status.

As the battery discharges, the performance (RF range) of your remote controller gets shorter. It is necessary to replace the battery. You will recognize the weak battery according to a very weak tone when your transmitter is turned on or off. Prepare a spare 3V lithium battery CR2 and follow the previous section on Installation of the battery in the remote controller. Make sure that the remote controller works correctly.



TIP: You can remove the batteries more easily if you use a small screwdriver and insert it carefully under the edge of the battery.



Battery compartment

Turning ON/OFF

TURNING THE REMOTE CONTROLLER ON/OFF

- **Turning on:** Press down for 1 second the **ON/OFF** button  on the remote controller. Turning on is indicated by a sound signal and by a flashing green LED.
- **Turning off:** Again, press down for 1 second the **ON/OFF** button . Switching off is indicated by a sound signal and the green LED stops flashing.

CAUTION: To save the service life of the battery, the transmitter will be automatically turned off after 120 minutes of inactivity.

SWITCHING THE RECEIVER ON/OFF

To turn the receiver ON/OFF (or for programming the transmitter with the receiver) is used a magnetic switch, marked with the red target on the receiver. The receiver is activated when the magnet in bottom of the transmitter, is enclosed to the red target on the receiver.

- **Switching ON:** Move the red target of the receiver towards the bottom of the transmitter for 1 second (see the Fig.). The red LED indicator of the receiver will lit up, afterwards the green LED indicator will start blinking. The receiver is prepared for use.
- **Switching OFF:** When switching OFF, follow the same steps as when switching ON. Move the red target of the receiver towards the bottom of the transmitter - the green LED indicator of the receiver will lit up, afterwards the red LED indicator will lit up.

To enhance the service life of the battery, it is necessary to turn off the receiver always after training is finished. If the receiver is not used for a longer period of time, we recommend you to remove the battery from it.




The situation when the receiver is turned on/off and the transmitter is being matched with the receiver

IMPORTANT: When turning the receiver ON hold the red target of the receiver close to the red target of the transmitter for about 1 second. When the targets are close to each other for longer than 5 seconds the receiver will switch to the pairing (programming) mode of the transmitter with the receiver. This programming mode is indicated by alternate flashing of the red and green LED indicator. If this occurs, follow the chapter *Programming (pairing) the transmitter and the receiver*.

Programming (pairing) of the transmitter and the receiver

Each transmitter has its own RF operational code. The pairing needs to be done to make the receiver and transmitter operate together. When you receive a new set the pairing is done by manufacturer. The pairing is done, when you need to use different transmitter or receiver (for example when bought a new one).

IMPORTANT: Before programming is started (before using your receiver for the first time or before code rewriting) make sure that no one else uses his/her d-control or another product made by Dogtrace in your neighbourhood – your receiver might randomly receive the code from another remote controller and set itself to it. If this happens, program your receiver once again, using your remote controller.

- Turn on your transmitter.
- The receiver has to be turned OFF.
- Touch the lower part of your remote controller to the target on your receiver (see the photo on page 33). The green LED will be permanently lit and after some 6 seconds, it will switch to the programming mode, indicated by permanent flashing of the red LED.
- Now take your transmitter away and press down the sound signal button  on your remote controller. The codes will be matched in this step and your receiver will produce a sound signal.

Reprogramming of your receiver

The receiver can be programmed repeatedly without restraint either using the same remote controller or with another (see the section *Programming (pairing) of the transmitter and the receiver*).

TIP: It is possible to program an unlimited number of transmitters to one receiver, which is possible to use for common training of several dogs. It is possible to record two transmitters into one receiver, which the instructor can use, for instance, for a potential correction of the dog training.

How to use the remote controller

The Dogtrace d-control easy mini remote controller is designed for interaction with one receiver.

Button – sound signal

When you press down the sound signal button, you will be able to send the sound signal to your receiver within a great distance. There is no time limit for this function: The buzzer will sound for as long as you are holding the pressed down button and the green LED on your receiver will be permanently lit.

Buttons **1** to **6**

By pressing down this button, you will send your dog an alert in the form of stimulation impulse transmitted by the two contact points located in the receiver collar, being generated all the time you are holding the pressed down button, however, **restricted for 8 seconds at the most**. The transmission will be indicated by the red LED on your receiver that will be lit as long as you are pressing down the buttons for stimulation impulse.

- **Level 1:** very weak impulse
- **Level 2:** weak impulse
- **Level 3:** medium strong impulse
- **Level 4:** strong impulse
- **Level 5:** very strong impulse
- **Level 6:** the strongest impulse

How to check that your d-control works correctly

You can check anytime whether your set works correctly. Before the check, make sure that the receiving collar is turned off.

- Connect the leads of the testing discharge lamp to both contact points (loosen up the contact points, insert the wires of the lamp under them so that they can be firmly held and then retighten the contact points).
- Turn on your remote controller and receiver.
- Press down the button for sending a stimulation impulse. The testing discharge lamp will indicate the receipt of the signal by a blink. The alteration of the intensity of the pulses according to options 1 to 4 will be indicated by a weaker or stronger light of the lamp.
- At this moment, the stimulation impulse is only indicated by the light of the test discharge lamp, i.e. the contact points do not emit any stimulation impulse.



Figure indicating the test lamp attached

For the best results

Training commands, you are sending to your dog, are transmitted from the transmitting unit to the collar equipped with the receiver by radio waves. The propagation of radio waves is influenced by a series of factors and under normal conditions the range of this unit is approximately 200 metres (depending on geographic conditions and surroundings).

If you want to get the best results with your unit, adhere to the following instructions:

- To reach the best range for your communication, hold your remote controller in your hand and do not cover its front part (the antenna is located there).

- If you hold your remote controller in front of you with your hand reached out, the range will get longer.
- Before using your training set, always check the batteries in the remote controller and in the collar and replace them if necessary.
- The power of batteries slightly falls down at temperatures below 0 °C. If it is possible, keep your remote controller warm (e.g. in your pocket) and take it out only for use.

CHOICE OF THE CONTACT POINTS

Every package contains readily two kinds of contact point. If your dog is small and its fur is short, use short contact points. If your dog is of medium built, with longer fur, use long contact points.

FITTING THE COLLAR

The strap of the collar must be adjusted so that the contact points are in contact with the dog's skin. When the strap is too slack, the collar is likely to move and the repeated friction may irritate your dog's skin. Moreover, in this case the contact with the skin surface is not reliable and the same holds true for proper operation of the collar. We do not recommend to leave your dog wearing the collar for several hours in the same place as it might cause skin irritation. If it is necessary for your dog to wear the collar for a long time, change its position on your dog's neck.

TIP: If you attach the receiver on your dog's neck laterally, you will extend the range of transmission. If your dog has very long hair, you can order 21 mm long contact points. When your dog has a dry skin in the area where the contact points are, it is good to lubricate the dog's skin with a vaseline, hand cream, or baby oil - which enables a correct transfer of stimulation impulses.

We are starting with the training collar

- The trainer's elementary knowledge of the dog training is the prerequisite for using the training collar.
- If you don't have this knowledge, we recommend you to contact a training center, a cynology club, or a school for dogs where you will learn the basic communication with your dog.
- You can start using the collar for the 6 months old dog, which have undergone the basic training and is familiar with basic obedience commands including „sit“, „down“, „stay“ or at least „stop it“, „leave it“.
- Require these commands along with the audible beep tone, so your dog will create a connection between them.
- After a command that is successfully executed, you should always reward or encourage your dog, so the dog will be happy to fulfill your commands and a desire to fulfill your commands will grow.
- You must not consider the executed command as the absolute obviousness and punish disobedience - your dog would soon lose an interest.
- If you are not sure that your dog will obey you after recall, start training on a tracking rope.
- Your dog will have to get used to the collar; let the dog wear the collar for a few days, but do not use it so that your pet does not discover the connection with its attachment and effects.
- Affirmative and efficient training requires some time: don't hurry!
- Select a well-known environment your dog is used to.
- Wir empfehlen nicht das Halsband bei Hunden zu benutzen, die nicht in einem guten physischen Zustand sind (z. B. Herzprobleme, Epilepsie, usw.) oder Verhaltensstörungen haben.
- Choose the right moment to press the button; exactly at the moment when your dog does something what is not allowed.
- In case of any problems and for further advice, please do not hesitate to contact a professional trainer.

Sound signal



It is only up to you how you will use it, which depends on the method you wish to train your dog. With the sound signal you can:

- Send a sound warning to your dog when it is doing something inappropriate.
- Catch the attention of your dog...
- Teach it that this signal means "To me", "Come" commands, wherever your dog is (the sound signal replaces your dog-whistle).

The sound signal forgoing the pulse is very efficient; Your dog will soon create a link between its incorrect behaviour, the sound warning, and its unpleasant feeling.

It is very important to always use the sound signal in the same way so as to prevent your dog from being confused.

Buttons 1 to 6

If your dog does not obey your command followed by the sound pulse, you can send it a stimulation impulse (at a suitable level) to distract it from its activity and draw its attention to you. The purpose of this stimulation impulse is not to hurt your dog, but this is very annoying for it and so the dog will soon create a link between your command, sound signal, and its unpleasant feeling. A minimum of these stimulation pulse will be necessary after some time as your dog connects them very well with disobedience of your command and then it will do for you to send a command and accompany it with a sound signal if necessary.

Long pulse (hold the button pressed down for more than 3 seconds)

- It is the first step of the training.
- It should be used for training at the place your dog knows well (at the beginning).
- As this pulse is a longer one, use a lower intensity and use the impulse length rather than intensity so that your dog can have some time to understand it.

Short pulse (hold the button pressed down for 1 second at the most)

- Use this function to correct the behaviour of your dog.
- Short pulses are usually used at a later stage of the training after the dog has already been trained with long impulses.
- Here, higher pulses are used compared to training with permanent impulses.

TIPS

With the Dogtrace collars it is extremely easy and quick to teach the dog:

- To walk along without a dog-lead.
- To be called in reliably ("To me", "Come to me" commands).
- To interrupt an inappropriate activity ("Fie", "You mustn't").
- To unteach bad habits during daily coexistence with people, such as taking food from the table, jumping at people, pawing, undesirable barking, etc
- Precise training of virtually every skill whereas the dog must do it precisely and reliably as if it were on a lead (as many as hundreds of meters long!) – with the removal of the undesirable dependence on the lead which the dog knows very well and adapts its behaviour to it.
- To unteach it chasing animals and running away from its master in the country – and thus being exposed to problems and risks related to them, so this solution brings your dog more freedom who can now move freely also across the patches where otherwise it would not be either possible or it would be dangerous.
- Special activities and commands for business, hunting, sports or other training.
- Using it directly during hunting for communication with the dog.
- A series of other activities and applications which the owner of this unit will soon discover in daily common life with his/her dog.

Hints for using

- Do not place your remote controller close to objects sensitive to magnetic fields that might get damaged and be out of repair.
- Do not put your d-control easy mini in places exposed to high temperatures.
- It is necessary to replace the batteries every two years and also in the case that the set is not used for a long time. Never leave a flat battery in your unit; it might leak and damage your unit; it might leak and damage your unit.
- Repeated contacts of the contact points with the dog's skin may cause its irritation. If this happens, do not use the collar until all traces of irritation are gone.

WARNING: In the event that your dog has a wet fur, use a lower level of the stimulation impulse than you usually use.

Maintenance

It is important to keep the device clean. Never use volatile substances eg.: thinner, gasoline or other cleaners. To clean your d-control easy mini use a soft, damp cloth and neutral detergent if necessary.

The receiver (collar) is waterproof only on condition of the good state of the seal. We recommend you to replace the rubber seal, which is placed under the cover of the battery compartment of the receiver, once a year. Clean the rubber seal and make sure that the rubber seal is correctly seated in its groove every time you change the batteries; tighten the screws using adequate power.

If the device is not used for a longer time, take out the batteries from the battery compartment.

Troubleshooting

Before you start considering your unit to be faulty:

- Read out this Service Instruction manual once again and make sure that the problem is not caused by weak batteries or by incorrect application.
- Check to see if the batteries are positioned correctly with regard to their polarity.
- If a problem persists, try to initialize the system by removing the battery from the battery holders in the receiver, then use a metal tool (e.g. a screwdriver, scissors, etc.) and short-circuit both contacts – battery holders for about 2 seconds. Reinstall the battery. The unit emits a beep confirming that the battery is installed with correct polarity.
- Unless this helps, program your receiver again. Clear the previous code in the memory and then match your receiver with the remote controller according to instructions in this manual.
- If the problem persists, contact your supplier.

Technical specifications

Transmitter

- Range 200 m
- Power supply lithium battery CR2 3V
- Battery life 6 - 12 months, based on usage
- Frequency 869,525 MHz (25 mW)
- Antenna integrated
- Tightness not waterproof
- Operating temperature -10 °C to +50 °C
- Weight 61 g (without the batteries)
- Dimensions 110 × 52 × 29 mm

Receiver (collar)

- Power supply lithium battery CR2 3V
- Battery life 6 months, depending on usage
- Antenna integrated
- Tightness waterproof
- Operating temperature -10 °C to +50 °C
- Collar adjustable to neck sizes from 20 to 72 cm
- Weight 44 g (without the battery)
- Dimensions 61 × 40 × 31 mm

Warranty terms and conditions

VNT electronics s.r.o. provides a 2 year warranty on the **Dogtrace** products with respect to defects in material and workmanship under normal use and service from the date of the original purchase. The limited warranty does not cover the following:

- batteries
 - straps
 - direct or indirect risks during transportation of the product to the retailer
 - mechanical damage of the product caused by user's negligence or an accident (eg. biting, breaking, impacts, excessive pulling of d-ring etc.).
1. The warranty period commences on the date of purchase. The sales receipt or your purchase invoice showing the date of purchase of the product, showing the serial number and date of purchase of the product, is the proof of the purchase date.
 2. The warranty does not cover damage resulting from:
 - a) improper installation or breach of instructions from the manufacturer's user guide
 - b) improper use of the product
 - c) improper storage or maintenance of the product
 - d) modification by a non authorized person, or a repair made without manufacturer's knowledge
 - e) natural disaster (wind, earthquake, lightning storm, etc.)
 - f) alternation of the goods made by the consumer if such an alternation resulted in a damage of the product
 - g) due to a consumer's mechanical damage
 - h) other customer's process, which would be in a contrary to the Warranty terms and conditions and the User guide
 3. The warranty can not be claimed if the goods is not completely paid, or when purchased on a sale

4. The claimant is obliged to prove the defect and to enable the manufacturer to check the legitimacy of the product faults and assess the extent of the product faults. Otherwise is loosing the right arising from the manufacturer's responsibility for product defects.
5. Consumer demands arising from the producer's liability for defects are regulated in the general legislation.
6. **It is required that all items being sent for a repair must be properly cleaned. Items deemed to be insufficiently cleaned will be returned unrepared to the customer. Please do not include the strap or any other accessories if it is not a subject of the warranty.**
7. When sending the device to the service with a transport company, pack the goods adequately to protect it against a damage; it is recommended to keep the original packaging for this purpose. The producer is not responsible for a loss of goods during transport.

*The information contained in this manual may be subject to change due to developments without further notice.
Copying of this user guide is strictly prohibited without the prior written consent of **VNT electronics s.r.o.***

The device has been approved for use in EU countries and is therefore provided with the **CE mark**. All necessary documentation is available on the website: www.electric-collars.com
Changes to technical parameters, properties and printing errors reserved.

Service center and distribution

Reedog, sro

Sedmidomky 459/8 101

00 Prague 10

Phone: +1 646 980 4569

Email: info@electric-collars.eu