

d-control 440

Electronic vibration training collar



User guide
EN

DOGTM
T R A C E

Declaration of Conformity

We:

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

declare under own responsibility that the product:

Electronic training collar Dogtrace d-control 440

is in compliance with the essential requirements and other relevant provisions of Directive 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 on condition of commonly used in conformity with instruction manual.

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

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

Thank you for purchasing the product **Dogtrace d-control 440** from **VNT electronics s.r.o.**, Czech Republic.
Before using your product, please read the instructions in this user guide carefully and keep it
for future reference.

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.
- Protect batteries in the receiver and the transmitter from damage by sharp objects and high temperatures. This could cause a fire or an explosion. We recommend using original batteries.
- 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.

ECMA

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



Contents

Important notice	3
ECMA	3
Contents	4
Introduction	5
Features of d-control 440	5
Package contents	6
Optional accessories	6
Product description	7
Transmitter preparation	8
Receiver preparation	9
Programming (pairing) of the transmitter and the receiver	11
The basics of a training collar usage	13
For the best results	16
Troubleshooting	17
Maintenance	17
Technical specifications	18
Warranty Terms and Conditions	19
Certificate of warranty	20

Introduction

The electronic vibration training collar **Dogtrace d-control**, consisting of the transmitter and the receiver, 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 behavior is only a small part of what you can do with the d-control. Thanks to the ergonomic design and low weight of the receiver, it is suitable for all dog breeds and sizes.

Features of d-control 440

Electronic vibration training collar **d-control 440** consists of functions: vibration, light and audible beep tone. The vibration function has been proposed as an alternative communication method for training dogs oversensitive on stimulation impulse or for training dogs with impaired hearing. Light function allows easy localization of your dog in the dark. This model is designed to train one or two dogs.

- Range up to 250 m
- Waterproof receiver
- Audible beep tone
- 5 modes of vibration
- 8 modes of light
- Expands to train two dogs
- Backlit LCD

Package contents

- Transmitter with the belt clip
- Receiver (with the strap)
- 2 lithium battery CR2 3V
- Lanyard
- User guide and certificate of warranty

Optional accessories

- Additional receiver
- Spare batteries
- Dummy receiver
- Woven or plastic collars - various colours
- Spare rubber seal

Product description

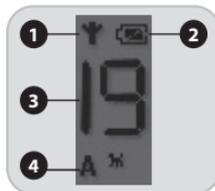
TRANSMITTER



RECEIVER WITH THE STRAP



LCD PANEL



TRANSMITTER – 1 - LCD panel, 2 - button for vibration, 3 - button for light, 4 - button for audible beep tone, 5 - button for power ON/OFF, 6 - buttons for level selection, 7 - buttons for dog selection A or B

RECEIVER WITH THE STRAP – 1 - target (half-round red indicator), 2 - LED indicators, 3 - contact points

LCD PANEL - DISPLAY – 1 - transmission indicator, 2 - battery power indicator, 3 - indicator of selected mode, 4 - indicator of dog A or B selection

Transmitter preparation

Battery insertion and replacement

1. Screw out screw from the battery cover using a cross-head screwdriver and carefully remove the lid.
2. 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). Wrong polarity may damage the unit.
3. Put the battery cover back and screw in the screw adequately. Checking the transmitter battery status.

The battery power indicator on LCD shows the battery status:



– fully charged battery



– medium charged battery



– flat battery

If the battery is flat, insert new the lithium CR2 3V battery into the battery compartment. Check that the transmitter is working correctly.

TIP: The battery can be taken out easily by small screwdriver, which is placed carefully under the the battery edge.



Battery compartment

Switching ON/OFF

To turn on: press down for 1 second the ON/OFF  button, turning ON is indicated by backlit LCD.

To turn off: press down for 1 second the ON/OFF  button, turning OFF is indicated by extinction of the LCD.

Receiver preparation

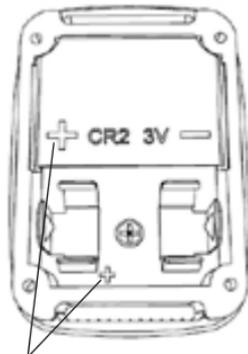
Battery insertion and replacement

1. Screw out 4 screws from the battery cover using a cross-head screwdriver and remove the lid.
2. 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.

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

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



Battery polarity indicator

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*)

The battery is fully charged – when switched on, green LED is flashing.

The battery is low – when switched on, green and red LED is flashing.

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

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.

IMPORTANT: When switching on or off, simply hold the transmitter against the receiver target for approximately 1 second. If you hold for more than 5 seconds, the receiver will go into transmitter-receiver pairing mode. This mode is indicated by the green and red indicator lights flashing simultaneously. If this occurs, follow the steps in the section *Programming (pairing) the transmitter with the receiver*.

To extend the battery life, it is necessary to turn off the receiver and transmitter whenever the training of your dog is finished. If you do not use the device for a long time, we recommend you to remove the batteries out.



The position where the receiver is turned ON/OFF and where the transmitter is being paired with 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).

The transmitter is made for training of two dogs, so you can pair it with two receivers. Use the button **A** / **B** to choose the right dog.

IMPORTANT: Before programming is started make sure that noone else uses his/her d-control in your neighbourhood. Your receiver could randomly receive the code from another transmitter and get paired with it. If this happens, program your receiver once again, using your transmitter.

Pairing of the button **A** with the first receiver

1. Turn ON your transmitter.
2. **The receiver has to be turned OFF.**
3. Press the button **A** for the first receiver choice.
4. Move the lower part of the transmitter to the target on your receiver (see the pic. *on page 10*) and hold in position so the green LED is steadily lit. After approximately 5 seconds it will switch to the pairing / programming mode, indicated by flashing of the red and green LED at the same time (4x).
5. Then take your transmitter away from the receiver and press down the audible beep tone button  on your transmitter. If you hear the beep tone the pairing has been successful.

Pairing of the button **B** with the second receiver

Press the button **B** for the second receiver choice and follow the steps as for the first receiver above (this can be followed when you use d-control 440 with a new purchased receiver).

Reprogramming of your receiver

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

TIP: It is possible to program an unlimited number of receivers to a one transmitter.

Example: Button **A** is paired with 3 receivers, they can be programmed one by one or we can set all 3 in pairing regime and then press button for audible beep tone. All these receivers will perform the same action at the same time when pressing function button. This can be used for two collars on the neck of one dog, or for the training of higher number of dogs, where we give the same commands to all of them at the same time.

Fitting the collar

The strap with the receiver (receiver collar) must be tightened enough so that the contact points are in contact with the skin of the dog. We recommend you to fit the collar on the standing dog. When you can fit two fingers between the collar and your dog's neck, the collar with the receiver are tightened enough. If a dog has long or thick hair, it is suitable to trim the hair in the area of the contact points or to switch to the longer contact points to ensure a consistent contact.

WARNING: If the collar is too loose, the receiver is likely to move and the repeating friction can irritate the skin of your dog. Furthermore, in this case is not ensured a reliable contact of contact points with the skin and a proper function of the training collar. We do not recommend to leave the collar positioned at the same place for more than several hours, because it could irritate the skin. If it is necessary to wear the collar for long periods, change regularly the position on the neck of your dog. A collar with a receiver that is overly tight, can cause pressure sores on the skin in the contact area of the contact points. If this happens, do not use the training collar until all traces of irritation are gone.

The basics of a training collar usage

- 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 can 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.
- 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.

Transmitter – button functions

Audible beep tone

When pressing the button for beep tone, the receiver on dog's collar begins to emit an audible beep tone (an acoustic signal). This command can precede a vibration impuls. It is also a very effective warning tool. You can use the acoustic signal instead of the command: Come!/Heel! In this case it replaces a whistle, the dog always perceives its sound in the same intensity. It's very important always to use the beep sounds in the same way in order not to confuse your dog. While transmitting the audible beep tone, the green LED indicator of the receiver is emitting a light.

Vibration

The vibration serves mainly to draw attention of sensitive dogs or training dogs with impaired hearing. Provides a discreet recall of the dog, which is with deaf dogs virtually impossible. It provides the ability to distract dog from undesirable activities with moment of surprise. Each mode can mean different commands, depending on your training. It can also substitute teaching method using the „clicker“ and treats.

Choice of the vibration mode	
Mode	Function
0	nick vibration
1	vibration while pressing the button
2	3 nick vibrations
3	discontinuous vibrations while pressing the button
4	vibration with audible beep tone while pressing the button

Mode setting is done by using buttons  / . Chosen mode is displayed on LCD, transmission of the vibration is made by pressing the button . Transmission symbol appears on the remote controller LCD and a red LED on the receiver is lit permanently.

Light

For an easy localization of your dog in the dark, this function provides 8 different modes of LED light. The LED - diodes are placed in the transparent receiver housing of the collar.

Choice of the light mode		
Mode	Press of the button	Function
0	short/permanent	1× single flash
1	short/permanent	flashing as long as the button is pressed
2	short	10× flashes
2	permanent	shines as long as button pressed and follows 10× flashes
	repetitive press	stops the function ahead of time
3	short	1× flash every 0,5 seconds
3	permanent	shines as long as button pressed and follows 1× flash every 0,5 seconds
4		same function as mode 0 with a different flashing frequency
5		same function as mode 1 with a different flashing frequency
6		same function as mode 2 with a different flashing frequency
7		same function as mode 3 with a different flashing frequency

NOTICE: By modes 3 and 6 do not forget to switch off flashing by pressing the light button 
Modes 4–7 can be used for differing second dog in darkness.

Setting the modes: Press a dog selection button **A** or **B** (depending on which button is paired with the required receiver) until symbol A or B starts flashing on the LCD. Set the required mode number (0–7) using the buttons with the arrows  /  Confirm the selection by pressing button **A** or **B** again. The transmitter allows you to set a different interval of flashing when using two collars at the same time so you can easily spot your dogs according to the flashing interval (example: dog A - mode 1 and dog B - mode 6).

Control buttons

The buttons are used for quick setting of vibration and light modes which are displayed on the LCD in numbers 0–4 (vibration modes) and 0–7 (light modes).

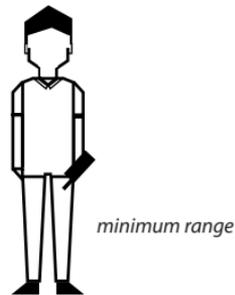
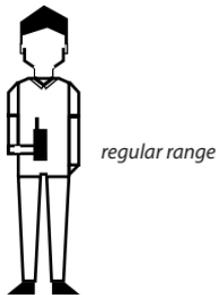
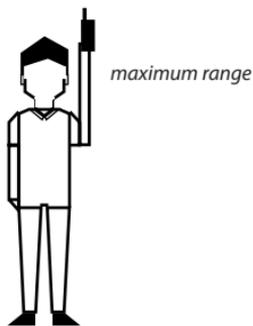
Control buttons **A** **B**

The buttons are used for dog selection. A different mode can be set for each dog. It remains saved even after switching to the other dog.

For the best results

The training collar d-control 440 can be used up to 250 m working range. The maximum range depends on many factors - weather, terrain, vegetation and so on. To ensure maximum working range of the device:

- Do not cover the transmitter antenna.
- When transmitting commands, hold the transmitter in a vertical position, away from the body and above your head.
- Check the battery in the transmitter and in the receiver, replace it if necessary.



Using training collar in winter

When using d-control in winter, please keep in mind:

- **Battery properties change** – temperatures below 0 °C slow down chemical reactions in batteries. To ensure a performance, it is recommended to insert a new battery into the receiver for the winter time.

Troubleshooting

1. Read again this user guide and make sure the problem is not caused by a flat battery or incorrect use.
2. Make sure the batteries are inserted with the correct polarity.
3. **If the transmitter does not communicate with the receiver, try to program communication** - see chapter: *Programming (pairing) of the transmitter and the receiver.*
4. If the problem still persists, contact the dealer.

Maintenance

It is important to keep the device clean. Never use volatile substances eg.: thinner, gasoline or other cleaners. To clean your d-control 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.

Technical specifications

TRANSMITTER

- Range 250 m
- Power supply CR2 3V lithium battery
- Battery life 6–12 months, based on usage
- Frequency 869,525 MHz (500 mW)
- Antenna integrated
- Tightness not waterproof
- Weight 64 g (without the batteries)
- Dimensions 110 x 52 x 29 mm
- Operating temperature -10 °C to +50 °C

RECEIVER (COLLAR)

- Power supply CR2 3V lithium battery
- Battery life 6 months, depending on usage
- Antenna integrated
- Tightness waterproof
- Collar adjustable to neck sizes from 15 to 72 cm
- Weight 55 g (without the battery)
- Dimensions 64 x 43 x 34 mm
- Operating temperature -10 °C to +50 °C

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
 - damage resulting from misuse, accident, modification or alteration to hardware or software, tampering, unsuitable physical or operating environment beyond product specifications, improper maintenance, or failure caused by a product for which VNT electronics s.r.o. is not responsible.
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 date of purchase.
 2. Within the warranty period, VNT electronics s.r.o. will, at no additional charge; perform repair or replacement of defects in workmanship or parts covered by this warranty.
 3. The warranty does not cover damage resulting from:
 - a) transportation, fall, weather, extreme temperatures, improper use, mishandling or negligence after the purchase of the Product
 - b) natural disaster (wind, earthquake, lightning storm etc.)
 - c) maintenance or misuse other than in accordance with the instructions provided by VNT electronics s.r.o. in relation to the Product
 - d) modification by a party not authorized by VNT electronics s.r.o.
 4. We require that all items being sent for repair must be clean. Items deemed insufficiently clean will be returned to the customer unrepaired. Please do not include the strap or any other accessories if not subject to warranty.
 5. Other rights and liabilities of the manufacturer and claimants are based on relevant general obligatory legal regulations of the country where the product was sold.

The content of this user guide may be subject to change without prior notice.