

640,1040,1640



d-control

640,1040,1640

elektronický vibrační výcvikový obojek
Electronic vibration training collar
Elektronisches Vibrations-Trainingshalsband
Collier électronique de dressage par vibrations
Elektronische trainingshalsband

ČESKY

ENGLISH

DEUTSCH

FRANÇAIS

NEDERLANDS

DECLARATION OF CONFORMITY

We:

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

declare under own responsibility that the product:

Electronic vibration training collar Dogtrace d-control 640, 1040 and 1640

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

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Hereby, **VNT electronics s.r.o.**, declares that this **d-control 640, 1040 and 1640** is in compliance with the essential requirements and other relevant provisions of Directive **2014/53/EC**.

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.

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dog training
basic commands

dogtraceofficial



- 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 behavioral 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 professional emits a certain stationary magnetic field.



VNT electronics s.r.o., professional producer of the dog training equipment 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 ECMA member's products meet the latest technical requirements which ensure minimum production standards and safety features and enable training while protecting animal welfare.

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

The **d-control** electronic vibration training collar consists of a transmitter and a receiver. It is a reliable, effective and safe means of training your dog. The d-control training collar allows you to make corrections of unwanted behaviour at the right time, taking into account the current situation and your dog's temperament. This helps to make training as effective as possible. However, eliminating undesirable behaviour is only a small part of what you can achieve with the electronic training collar in training. Electronic vibrating training collars **d-control 640, 1040** and **1640** have vibration, light and acoustic signal functions. The vibration function has been designed as an alternative communication method for training dogs hypersensitive to stimulus or for training dogs with hearing impairments. The light function makes it easy to locate your dog in the dark. These models are designed for training one or two dogs.

Features of d-control 640, 1040, 1640

- range up to 600, 1000, 1600 m (depending on the model)
- waterproof receiver
- audible beep tone
- 5 modes of vibration
- 8 modes of light
- expands to train two dogs
- backlit LCD

4.1 Package contents

- collar (receiver) including a strap
- 1 pcs CR2 3V lithium battery
- 2 pcs alkaline battery AA 1,5 V
- remote controller (transmitter) with a fastener
- string for hanging the transmitter around neck
- user's guide and warranty certificate
- case

4.2 Optional accessories

- Dummy receiver (with the strap)
- Spare batteries
- Spare screws
- Spare rubber seal for the transmitter and the receiver
- Woven and plastic collars – various colours

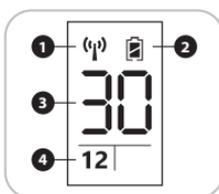
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PRODUCT DESCRIPTION

TRANSMITTER



RECEIVER



LCD DISPLAY

TRANSMITTER – 1 – Backlit LCD display, 2 – Vibration button, 3 – Light button, 4 – Tone signal button, 5 – ON/OFF Switch, 6 – Vibration mode selection button, 7 – Dog selection button (dog 1, dog 2)

RECEIVER – 1 – Indicator area where the ON/OFF magnetic switch is located, 2 – ON/OFF LED Indicator, 3 – Contact points

DISPLAY – 1 – Indicator of the radio transmission, 2 – Battery power indicator, 3 – Stimulation intensity level indicator, 4 – Dog selection indicator (dog 1, dog 2)

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TRANSMITTER PREPARATION

6.1 Battery insertion and replacement in the transmitter

1. Remove the cover of the battery compartment and insert 2 AA alkaline batteries. Mind the correct polarity marked in the battery compartment.
2. Replace the cover and tighten the screw.

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 AA alkaline batteries into the battery compartment. Make sure that the receiver works correctly.

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

6.2 Switching the transmitter ON/OFF

Switching ON: Press down for 1 second the  button on the transmitter. The LCD display indicates that the unit is active.

Switching OFF: Again, press down for 1 second the  button on the transmitter.

7 RECEIVER PREPARATION

7.1 Battery insertion and replacement in the receiver

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 picture). 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 mark

7.2 Checking the battery status

The status of the battery is indicated by LED indicators on the side of the receiver. (see chapter: **5 Product description – Receiver**)

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

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

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

7.3 Switching the receiver ON/OFF

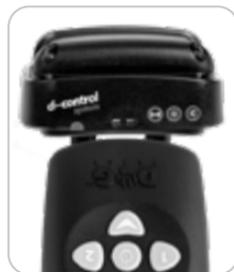
A magnet located at the lower part of the transmitter is used to activate or deactivate the magnetic switch located in the receiver.

Switching ON:

Approach the low area of the transmitter where the magnet is located until coming close to the indicator located on the receiver (see the picture), hold for 1 second, the receiver LED indicator will flash in green indicating the receiver is ON.

Switching OFF:

Approach the low area of the transmitter where the magnet is located until coming close to the indicator located on the receiver, hold for 1 second, the receiver LED indicator will flash from green to red indicating the receiver is OFF.



Switching ON/OFF the transmitter/Programming the transmitter with the receiver

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 **8 Programming (coding) the transmitter with the receiver.**

To extend the battery life it is necessary to switch off both receiver and transmitter after the training is finished. If the battery will not be in use for a month or longer, it is recommended that it is removed from the receiver.

8 PROGRAMMING (CODING) THE TRANSMITTER WITH 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 **1** / **2** to choose the right dog.

IMPORTANT: Before the programming make sure no other person is using his d-control or other products from the Dogtrace range close by: your receiver could accidentally record the code of his transmitter.

8.1 Pairing of the button 1 with the first receiver

1. Turn ON your transmitter.
2. The receiver has to be turned OFF.
3. Press the button 1 for the first receiver choice.
4. Move the lower part of the transmitter to the target on your receiver (see the pic. on page 22) 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.

8.2 Pairing of the button 2 with the second receiver

Press the button 2 for the second receiver choice and follow the steps as for the first receiver above (this can be followed when you use d-control 640, 1040, 1640 with a new purchased receiver).

8.3 Reprogramming of your receiver

The receiver can be programmed repeatedly without restraint using the same transmitter or another (see the section *8 Programming (coding) the transmitter with the receiver*).

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

Example: Button 1 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.

8.4 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.

9 THE BASICS OF 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 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 e.g. 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.

9.1 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.

Vibration mode selection	
Mode	Function
0	short vibration
1	vibrates as long as you keep the button pressed
2	series of interrupted vibrations
3	vibrates interruptedly as long as you keep the button pressed
4	vibrates permanently and releases a sound signal

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.

Light mode selection		
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 blinking by pressing  button. Modes 4–7 can be used for differing dogs in darkness.

Setting the modes: Press a dog selection button **1** or **2** (depending on which button is paired with the required receiver) until symbol 1 or 2 starts flashing on the LCD. Set the required mode number (0–7) using the buttons with the arrows  /  Confirm the selection by pressing button **1** or **2** 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 1 – mode 1 and dog 2 – 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 **1** **2**

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

10.1 Maximum transmitter range

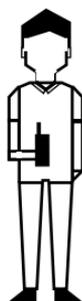
The training collar d-control 640, 1040, 1640 can be used up to 600–1600 m working range. The maximum range depends on many factors – weather, terrain, vegetation and so on.

To ensure maximum working range of the device:

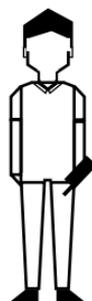
- Do not cover the transmitter antenna
- When transmitting commands, hold the transmitter in a vertical position, away from the body and above your head
- Check the battery in the transmitter and in the receiver, replace it if necessary.



maximum range



regular range



minimum range

10.2 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.

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: *8 Programming (coding) the transmitter with the receiver.*
4. If the problem still persists, contact the dealer.

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

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.

Transmitter

Range	from 600 to 1600 meters in a free area depending on a transmitter model
Power supply	2 pcs alkaline battery AA 1,5 V
Battery life	6–12 months, based on usage
Frequency	869,525 MHz (500 mW)
Antenna	integrated
Tightness	not waterproof
Operating temperature	-10 °C to +50 °C
Weight	88–95 g (without the batteries)
Dimensions	119 x 53 x 28 mm (without the antenna)

Receiver

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

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.***