

640,1040,1640,
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

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.

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



Introduction

The electronic training collar Dogtrace **d-control**, 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. Thanks to the ergonomic design and low weight of the receiver, it is suitable for all dog breeds and sizes.

Package contents

- Collar /receiver/ including a strap
- CR2 3V lithium battery
- 2 pcs alkaline battery LR6 1,5 V
- Remote controller /transmitter/ with a fastener
- String for hanging the transmitter around neck
- User's guide and warranty certificate
- Case

Optional accessories

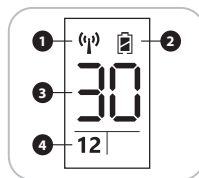
- Dummy collars
- Spare batteries
- Woven or plastic straps in various colours
- Spare seals
- Spare screws

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)

Battery insertion and replacement

INSERTION (REPLACEMENT) OF THE BATTERY IN THE RECEIVER

- Unscrew the 4 screws of the top of the receiver using a cross-head screwdriver and remove the lid. Insert the lithium CR2 3V battery into the battery compartment. Please check that the battery is installed with correct polarity (according to the polarity indicated with the "+" symbol in the battery compartment - see the picture). Wrong polarity may damage the unit.
- A beep sound is emitted indicating the correct installation of the battery.
- If the beep sound is not emitted after the battery is inserted, remove it immediately. Initialize the system by using a metal tool (e.g. a screwdriver, scissors, etc.) and short-circuit (connect) both contacts of the battery holder for about 2 seconds. Please check the correct polarity and try to insert the battery again.
- Before putting the lid of the receiver back in place, make sure that the rubber seal is correctly seated in its groove. Screw down the 4 screws of the top tightly (do not over tighten them).

Checking the battery status

LED indicator on the receiver's front cover indicates the status of the battery:

- Green flashing LED indicates the battery is fully charged.
- Red flashing LEDs indicate low battery. Prepare a spare lithium CR2 3V battery and follow the instructions described in the section "Battery insertion and replacement". Make sure that the receiver works correctly.



Battery polarity mark

INSERTION (REPLACEMENT) OF THE BATTERY IN THE TRANSMITTER

- Remove the cover of the battery compartment and insert 2 LR6 alkaline batteries. Mind the correct polarity marked in the battery compartment.
- Replace the cover and tighten the screw.

Checking the battery status

Look at the LCD display to check the battery status:

- Fully charged battery: full battery symbol shines in the LCD permanently in on state.
- Weak battery: LCD display indicates battery capacity decrease. In case the battery symbol is empty, insert new LR6 batteries according to the instructions above.



Make sure that the receiver works correctly.

NOTICE: You can also use rechargeable batteries in the remote controller. They do not provide enough voltage for correct battery status indication on the LCD.

CAUTION: Always switch off the remote controller before battery removal, remove the battery and shortcut battery contacts using a metal tool.

Switching ON/OFF

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.

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.

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.




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

Programming (coding) the transmitter with the receiver

Every remote controller has its own RF operational code. Programming of the remote controller with the receiver (collar) will be accomplished during the first use of the **Dogtrace d-control** set or with a new remote controller or a receiver (when one or the other is lost). This operation will enable you to match your remote controller to the delivered receiver (collar).

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.

- Turn on your transmitter.
- Select dog 1 on the remote controller.
- Touch the lower part of your remote controller to the target on your receiver (see the photo on page 30). The green LED will be permanently lit and after some 3 seconds, it will switch to the programming mode, indicated by flashing of the red and green LED at the same time.
- 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.
- Proceed in the same way when programming the second receiver (for the second collar for d-control 642, 1042, 1642 models).

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 /coding/ the transmitter with the receiver).

TIP: It is possible to program an unlimited number of receivers to one transmitter, which is possible to use for training of several dogs at the same time. It is possible to record two transmitters into one receiver, which can be used, for instance, for a potential correction of the dog's training by an instructor.

Transmitter - button functions

The **Dogtrace d-control** remoter controller is designed for cooperation with two separate receivers independent of each other (dog 1 or 2 selection).

Button - Tone signal

When you press down the tone signal button, you will be able to send the tone signal to your receiver at a long 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. It will be indicated by the transmission symbol on the LCD display of your remote controller.

Button - Vibration 

By pressing this button, you will send a warning to your dog in the form of vibration. There are 5 modes of vibration available.

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 using buttons (vibration mode setting) on the remote controller. Transmission symbol appears on the remote controller LCD display. A red LED diode on the receiver is lit permanently.

Button - lighting the collar 

A red LED diode inbuilt in the collar emits very intensive flashes which are stronger than by common light collars. Your dog can be easily located even in absolute darkness! There are 8 interesting flashing modes available.

Light mode selection	
Mode	Function
0	pressing shortly - single blink
1	pressing permanently - blinking as long as the button is pressed
2	pressing shortly - blinking 10times
3	after pressing - a blink in every 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 the light 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 the required receiver is paired) until symbol 1 or 2 starts blinking on the LCD. Set the required mode number (0–7) using the correction impulse setting arrows. Confirm the selection by pressing button 1 or 2 again.

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



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.

Getting the best results

Training orders you send to your dog are transmitted from the transmitting unit to the collar equipped with the receiver on radio waves. The propagation of radio waves is influenced by a series of factors and under normal conditions the range of this unit is about 600-1600 meters (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 antenna.
- 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.

We do not recommend you 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: By placing the receiver on your dog's neck laterally, you will extend the range of transmission.

Training tips

- The trainer's elementary knowledge in training dogs is the prerequisite for using the training collar.
- If you do not have this knowledge, we recommend you to turn to a training centre, 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 a 6-month-old puppy who has undergone the basic training "sit", "down", "stay", or at least "fie", "you mustn't"...
- Demand these commands along with the sound signal from the collar so that your dog can create a link between them.
- After a command is successfully executed, you should always reward or encourage your dog so that it can execute your commands with delight and its desire to make you happy could grow.
- You must not consider the executed command as the absolute obviousness and punish only disobedience - your dog would soon fall away from you.
- If you are not sure that your dog will obey you after recalling, start training, e.g. using a tracing dog-lead.
- 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: do not hurry!
- Select a well-known environment your dog is used to.
- Select the right moment for pressing the button; exactly at the moment when your dog is doing something forbidden.

- Do not hesitate to contact a professional trainer for more advice and in the event of any problems.
- We do not recommend you to use the collar for the dogs not being in good physical health state (e.g. heart problems, epilepsy, etc.) or having behaviour disorders.

Button - Tone signal

It is only up to you how you use it. It depends on the method you wish to train your dog with. With the tone 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 the command "Come", "Stay", wherever the dog is (the tone signal replaces your dog whistle).

The tone 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 to avoid your dog of being confused.

Button - Vibration

Very interesting function for attracting your dog's attention. The vibration function is used as:

- Discreet command "come" which cannot be heard in the surroundings
- Distraction from an undesired activity using a surprise element
- Clear signal – cannot be mistaken, unlike a sound signal (similar to phone sounds etc)
- Communication with deaf dogs which is almost impossible by other means
- Praising a dog (instead of stroking) followed by a reward (toy or titbit)
- To improve communication efficiency, you can teach your dog different meanings of the 5 vibration modes ("don't do that", "come" etc)
- You can also use it instead of a "clicker" - your dog comes for a reward after you press the vibration button

Caution

- Keep away from children.
- Do not leave the device in or around a high temperature heat source.
- Check the receiver for proper tightness of screws and seal before each use.
- Battery of the receiver needs to be replaced in every two years, check the battery power level before each use.
- The transmitter is not waterproof, so use caution when operating your device in wet conditions, water can cause irreversible damage to your device.
- Do not use the electronic training collar for dogs under 6 months of age.
- Do not use the electronic training collar for pregnant or nursing bitches.
- Do not use the electronic training collar for dogs with health problems particularly heart disease, unless the use has been approved by veterinarian.
- Do not use the electronic training collar for dogs that cannot respond appropriately due to injury, illness, senility or age.
- We recommend that your dog has a preventive medical check before using the electronic training collar.
- We recommend not to use the electronic training collar with aggressive-tempered dogs.
- Check the contact area regularly for signs of neck irritations, to prevent neck irritations, the collar should never be worn for more than 12 hours per day. If a rash or sore is found, do not use the collar until the skin has healed.
- Never connect a leash to the electronic collar; this could cause excessive pressure on the contact points. Always use a separate leash, do not put pressure on the electronic collar.

Maintenance

Never use volatile agents such as thinners, petrol, or various cleaners to clean your **Dogtrace d-control**. Use a soft dampened cloth and a neutral clearing agent if necessary.

The receiver (collar) Dogtrace d-control is water-tight only on condition of a good state of the seal and after its treatment with silicone vaseline. If this is fulfilled, your dog can even swim with that. In order to maintain the water-tightness of your receiver, we recommend to replace the rubber seal under the receiver's cover and treat it with silicone vaseline. After every replacement of the battery in the collar, make sure that the seal is properly cleaned and settled and that the screws are adequately tightened. Check them regularly and tighten them only adequately! The remote controller is dustproof and moisture resistant! It is definitely not suitable to expose it to rain or spraying water. Protect it against water and moisture however it is possible. If it is dropped into water, it will certainly be irrecoverably damaged or destroyed. If you do not use the unit for a long time, remove the batteries from your remote controller and receiver. The collar will remember the preset configuration (auto encoding). When you turn it on next time, it will be in the mode you selected last time.

Troubleshooting

- If your device seems to operate improperly, read this manual again, check the receiver battery and replace it if necessary.
- Try to initialize the receiver by removing the battery from the battery holder in the receiver, then use a metal tool (e.g. a screwdriver, scissors, etc.) and short-circuit both contacts of battery holder for approximately two seconds, and then put the battery back in its place observing the correct polarity. A beep sound is emitted indicating the correct installation of the battery.
- If the problem still persists, try to program the transmitter with receiver again according to the instructions in this manual.
- If the problem still persists, contact the dealer.

Technical specifications

TRANSMITTER

Range	from 600 to 1600 meters in a free area depending on a transmitter model
Power supply	2 pcs alkaline 1,5 V LR6 batteries
Battery life	6–12 months, based on usage
Frequency	869, 525 MHz (500 mW)
Antenna	integrated
Watertightness	not waterproof
Operating temperature	-10 °C to + 50 °C
Weight	88-95 grams (without battery)
Dimensions	119 × 53 × 28 mm

RECEIVER

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

Warranty Terms and Conditions

VNT electronics s.r.o. provides a 2-year warranty on the DOGtrace™ product 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. The warranty provided only applies to the Product purchased from official authorized dealer.
 5. 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.
 6. 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.

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