



CATALOGUE

GPS TRACKING SYSTEM AND TRAINING EQUIPMENT FOR DOGS



NATURAL FREEDOM FOR YOUR DOG





ABOUT US

We are the company **VNT electronics s.r.o.**, the only Czech manufacturer of electronic training aids and other equipment for dogs. We have been operating in the market since year 2004 and our success with domestic customers helped us expand abroad too. Today we are among the world's leading companies in this field.

Our main business is development, production, sales and distribution of our own products under the brand name **Dogtrace** and **fencee**. We focus on the quality and safety of our products, especially in the core area of electronics. This is why in 2013 we established a subsidiary company focused on production of electronics for industrial use.





WHY DOGTRACE?

We are professionals in this industry. When developing our products we work closely with sports kynologists and vets. We are inspired by your needs and experience. All of our products are focused on streamlining of dog training. We offer assistance in choosing the product and we offer expert advice so you

could find the right solution to your situation. We care about the relationship with your dog and thanks to the electronic aids we wish to ensure their safety, to give them natural freedom and to make you feel you have things under control. We are able to respond quickly and efficiently to your requirements.



GENUINE CZECH

We are a purely Czech company, equipped with advanced technology. We do not have a factory in China or any other country. All key manufacturing processes take place in Lanškroun under strict supervision.





TOP QUALITY

And when we say we are a leading company, we mean we provide top quality. Components that are not made by ourselves are purchased from reputable European suppliers. We have a subsidiary company for PCB installation and our own R&D centre with top experts in the field.

50 COUNTRIES OF THE WORLD

The first Dogtrace collar was created at a time when electronic aids for dogs were taboo. Today we export our products to 50 countries of the world and we are ranked among leading world companies.





EXPRESS SERVICING

Strict supervision and innovation of technology and production processes increases the quality level of our products. Due to the very low percentage of complaints we are not afraid to call our service as **EXPRESS SERVICES**

SAFE PRODUCTS

Our company **VNT electronics s.r.o.**, as the producer of professional training aids for dogs of the **Dogtrace** brand, is a proud member of the association **ECMA** (Electronic Collar Manufacturers Association).

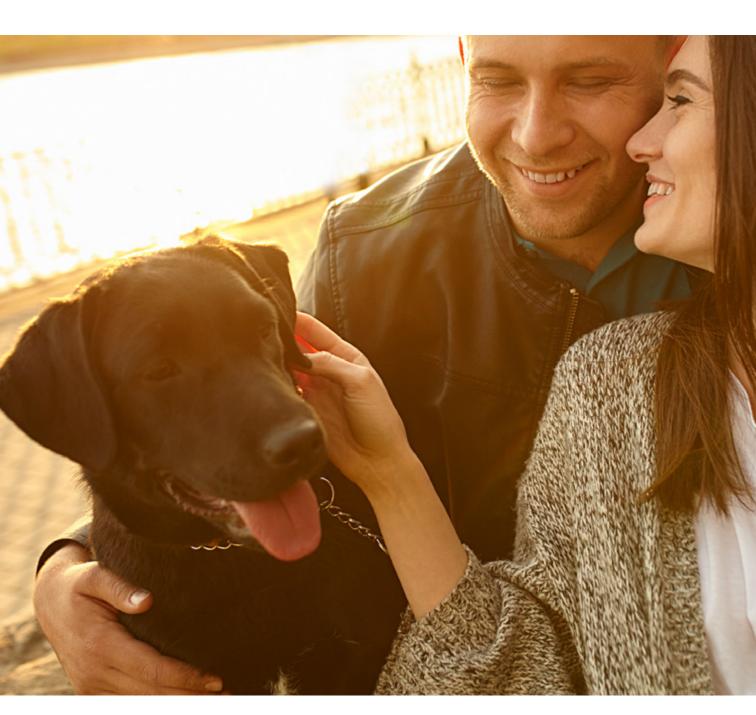
ECMA was founded in Brussels in 2004 as a result of increasing awareness from different manufacturers concerning the necessity of regulating their industry. The main target of the association is to develop and produce reliable training systems of high quality, which are safe for the animals and improve 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.

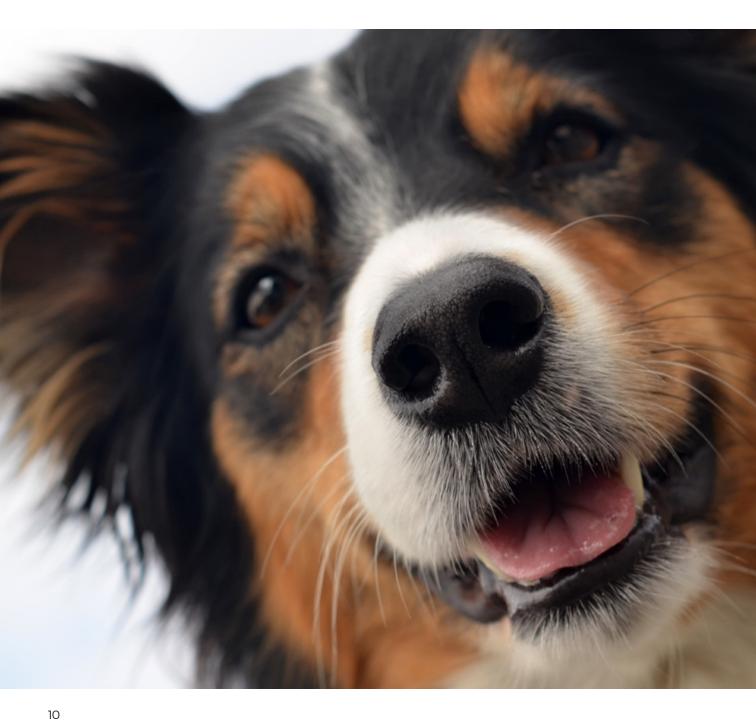
The ECMA is convinced that the electronic training collars are effective and humane training tools when used responsibly and combined with an appropriate reward.

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



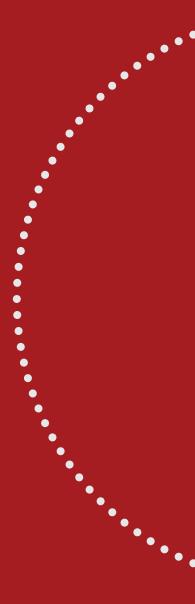






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ELECTRONIC TRAINING COLLARS

d-control

The **d-control** kits consist of a transmitter and a receiver. They are reliable, effective and safe means of training and for building positive relationship between a man and a dog. This provides plenty of freedom for your dog to walk around and gives you the ability to stop it in time to avoid danger. It allows correction of undesirable behavior at the right time, taking into account the current situation and the temperament of the dog. It is also a very effective tool for consolidating and strengthening the desirable behavior of a dog.

D-control is suitable for owners who have problems with recalling a dog and who want to be sure their dog will not run away to chase wildlife when they go for a walk. It is also suitable for owners who engage in sports or hunting hunting cynology.

All receivers are compact, waterproof and customized so that they are as comfortable as possible for the dog.



The tone allows activating an acoustic signal in the receiver, whose intensity the dog always perceives in the same way, regardless of the distance from the master. Sound is the basic feature of all products.



The stimulation impulse allows activating a message in the receiver in the form of safe stimulation pulses, on several levels. They are transmitted by two contact points on the receiver. It is possible to choose between a short and long impulse. The level of stimulation can be adjusted easily.



Booster allows using a different pre-set stimulation intensity level than the one set in the transmitter for the main function of the stimulation impulse. It helps to handle emergency situations.

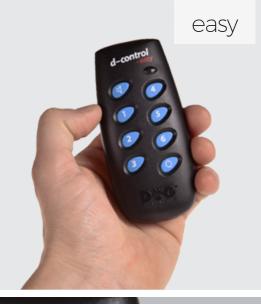


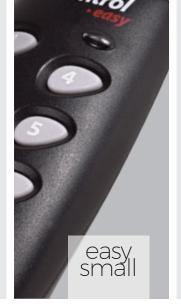
Vibration allows you to trigger vibrations in the receiver in several modes. This feature has been designed as an alternative way of communicating for dogs who suffer from hearing impairment or to train dogs that are oversensitive to the stimulating impulse. It can also be used to attract attention to the master, or as dog's commendation for proper fulfilment of the command.



The light allows activation of several powerful LEDs in several modes. They are installed in the transparent box of the receiver for easy localization of your dog in the dark.













d-control easy easy small









WATERPROOF RECEIVER

- I easy small has the lower stimulation intensity
- I 6 levels of long stimulation
- I Clip for hanging on the belt
- I Transmitter: 110 x 52 x 29 mm / 61 g
- I Receiver: 64 x 43 x 34 mm / 56 g
- I Battery: CR2 3 V (service life 6-12 months)



BESTSELLER AMONG COLLARS FOR MANY YEARS

d-control 400











STIMULATION IMPULSE

BOOST

2



1-2 DOGS

WATERPROOF

- I 20 levels of long stimulation
- I Backlit LCD display
- I Clip for hanging on the belt
- **I Transmitter:** 110 x 52 x 29 mm / 64 g
- I Receiver: 64 x 43 x 34 mm / 56 g
- I Battery: CR2 3 V (service life 6-12 months)







SIMPLE AND ELEGANT



PERFECTLY ADAPTED TO YOUR NEEDS

d-control 600 1000 1600



RANGE

STIMULATION

IMPULSE



RANGE

BOOSTER



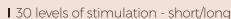


1600

1-2 DOGS



WATERPROOF RECEIVER



- I Backlit LCD display
- I Clip for hanging from the belt
- I Transport case
- **I Transmitter 600, 1000:** 119 x 53 x 28 mm / 88 q
- I Transmitter 1600: 119 x 53 x 28 mm / 95 g Battery: 2x AA 1,5 V (service life 6-12 months)
- **I Receiver:** 64 x 43 x 34 mm / 56 g Battery: CR2 3 V (service life 6-12 months)















d-control **mini**

Due to their small dimensions and low weight of the receiver, the **d-control mini** kits are suitable for small and medium breeds of dogs. Impulse strenght is weaker but often sufficient even for big breeds.



d-control easy mini











WATERPROOF RECEIVER

I 6 levels of long stimulation

I Clip for hanging on the belt

I Transmitter: 110 x 52 x 29 mm / 61 g

I Receiver: 61 x 40 x 31 mm / 44 g

I Battery: CR2 3 V (service life 6-12 months)









d-control 200 mini









STIMULATION IMPULSE





1-2 DOGS



I 20 levels of long stimulation

I Backlit LCD display

I Clip for hanging on the belt

I Transmitter: 110 x 52 x 29 mm / 64 g

I Receiver: 61 x 40 x 31 mm / 44 g

Battery: CR2 3 V (service life 6-12 months)



d-control 500 mini 900 mini 1500 mini



RANGE



STIMULATION IMPULSE



BOOSTER



RANGE

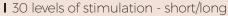




1-2 DOGS



WATERPROOF RECEIVER



I Backlit LCD display

I Clip for hanging from the belt

I Transport case

I Transmitter 500, 900: 119 x 53 x 28 mm / 88 g

I Transmitter 1500: 119 x 53 x 28 mm / 95 g Battery: 2x AA 1,5 V (service life 12 months)

I Receiver: 61 x 40 x 31 mm / 44 g Battery: CR2 3 V (service life 6 months)

















d-control external control

The training collars **d-control 610, 1010, 1610** and **d-control 510, 910, 1510 mini** are equipped with an external remote control **one touch**. This is a useful addition for sports training or hunting cynology, but also during activities such as running, cycling, horseback riding, etc. One touch means that only one touch is needed to activate the selected stimulating pulse in the receiver. The button is located at the end of the cable that is plugged into the transmitter via the connector. Receivers have all the features as the basic models of d-control. One touch control can only be used with these modified d-control models.



CASE MADE OF QUALITY
PLASTIC FOR CONVENIENT
TRANSPORT OF THE
WHOLE KIT

d-control one touch



- I Receivers with plastic straps
- I 140 cm long cable with a button
- I Activation of the stimulation pulse without manipulating the transmitter
- I Ideal for sports activities such as: running, cycling, horse riding
- Transport case











YOU WILL ENJOY TRAVELLING WITH YOUR DOG



d-control **Professional**

D-control professional kits are designed primarily for sports and service training, but they can also be used in day-to-day use by ordinary users.

One of the great benefits is that the models have all the features in several levels - tone, light, vibration and stimulation impulse. The function can be set for each button arbitrarily. Another advantage is the choice of receiver in 3 sizes, which are compatible - professional, professional mini and professional ONE. Due to the dimensions of the receiver and the strength of the pulse, the professional mini and ONE receivers are designed primarily for small and medium dog breeds, but they are often enough for large ones as well. The transmitter can control two different receivers. This feature is welcome especially owners of dogs of different sizes and breeds.

The transmitter is made of high quality material with rubber elements which is impact-resistant. The **d-control professional** kits are variable a waterproof.



d-control

Professional 1000



(((•))

VIBRATION









1-2 DOGS



WATERPROOF

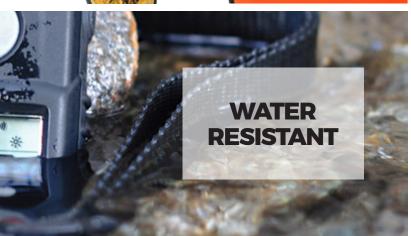
- I 40 levels of stimulation short/long
- I 4 vibration modes, 8 lighting modes
- I Backlit LCD display
- I Clip for hanging from the belt
- I Transport case
- **I Transmitter:** 113 x 53 x 29 mm / 125 g Battery: 2x AAA 1,5 V













d-control **Professional** 2000





(((•))

VIBRATION





SHORT IMPULSE



LONG IMPULSE



1-2 DOGS

WATERPROOF

- I 40 levels of stimulation short/long
- I 4 vibration modes, 8 lighting modes
- I Backlit LCD display
- I Clip for hanging from the belt
- I Transport case
- **I Transmitter:** 113 x 53 x 29 mm / 125 g Battery: 2x AAA 1,5 V

d-control Professional

Size / weight: 77 x 39 x 33 mm / 65 gBattery: CR2 3 V (service life 6 months)

d-control Professional mini

I Size / weight: 61 x 40 x 31 mm / 45 g I Battery: CR2 3 V (service life 6 months)

d-control Professional ONE

I The smallest receiver in the world
I Size / weight: 55 x 27 x 31 mm / 31 g
I Battery: Li-Pol recharging







(Professional 2000 mini orange)



THE SMALLEST COLLAR (Professional 1000 ONE)



FAST RECHARGE AND LONG SERVICE LIFE OF BATTERY (Professional ONE)



RECEIVER IS SELECTED DEPENDING FROM THE SIZE AND SENSITIVITY OF THE DOG

Model	Dog size	Example of dog breed
Professional	large	rotweiler, graeat dane, german shepherd, ridgeback, setter
Professional mini	small and medium	beagle, cocker spaniel, border collie
Professional ONE	small	dachshund, shi-tzu, yorkshire terrier



SPRAY TRAINING COLLARS



d-control **AQUA spray**

The **d-control AQUA spray** dog-training collars are a tool for training of all dog breeds. They help to discourage the dog from inappropriate behavior at the right time.

The collars are a great helper during walks when the dog will appreciate enough freedom of movement but it will still be safe and under your control. The main feature of this device is spray based behaviour correction in the form of an unpleasant cooling spray that is directed at the dog's nose. Actually, even the sound itself, which is heard when the spray is activated, is sufficient impulse to distract the dog. Other possible corrections are the beep and vibration.

Spray fillers are available with citronella and lavender aroma or without perfume.



d-control

AQUA spray 300 AQUA spray 900



RANGE

RANGE







VIBRATION





WATERPROOF RECEIVER

- I Spray stimulation short (5 levels) and long (10 levels)
- I Up to 300 spray corrections per one refill
- I Multifunction button combination of functions
- **I Transmitter 300:** 103 x 52 x 22 mm / 57 g
- I Transmitter 900: 125 x 52 x 22 mm / 60 g
- I Receiver: 68 x 38 x 35 mm / 74 g Battery: CR2 3 V (service life 6-14 months)











VIBRATING TRAINING COLLARS

d-control **440 - 1640**

Vibration training collars **d-control 440, 640, 1040** and **1640** feature vibration, light and tone. The receiver with the vibration function can be activated in several modes. This feature has been designed as an alternative way of communication with dogs who have hearing disorders or to train hypersensitive dogs by stimulating impulses. It can also be used to attract the dog's attention to the master or to praize the dog for correct fulfillment of the command. Stainless contact points are replaced by plastic ones. The light function makes it easy locating your dog in the dark.

d-control 440 640 1040 1640



RANGE d-control 44



RANGE d-control 640



RANGE d-control 1040



RANGE d-control 1640



(((•))) VIBRATION





ONE VIBRATION EIGHT 12



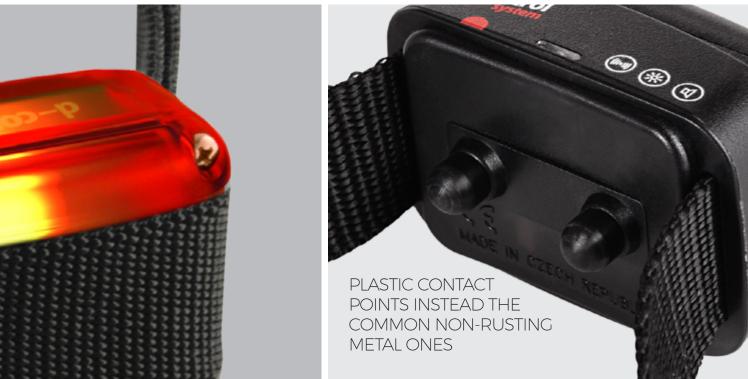
I 5 vibration modes

- I 8 lighting modes
- I Backlit LCD display
- I Clip for hanging from the belt
- I Transport case
- I Transmitter 440: 110 x 52 x 29 mm / 64 g Battery: CR2 3 V (service life 12 months)
- **I Transmitter 640, 1040:** 119 x 53 x 28 mm / 88 g
- I Transmitter 1640: 119 x 53 x 28 mm / 95 g Battery: 2x AA 1,5 V (service life 12 months)
- I Receiver: 64 x 43 x 34 mm / 56 g Battery: CR2 3 V (service life 6 months)



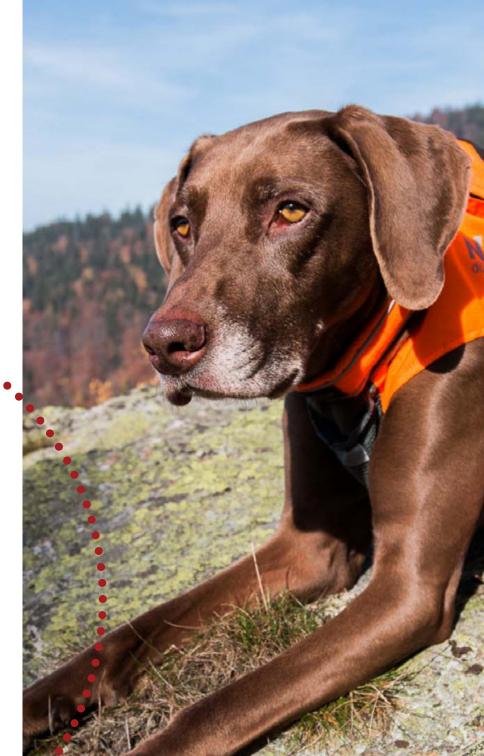








GPS TRACKING SYSTEM





DOG GPS

DOG GPS is used to locate dogs at a distance more than 20 km and allows locating up to 13 dogs. To ensure as far signal reach as possible, we use state-of-the-art technology of LoRa (Long Range) radio signal modulation.

The DOG GPS consists of a transmitter, which is located on the dog collar and the receiver (hand-held device) on which the master observes the distance and direction to the dog position. The device is practical and simple to use. The signal strength of the RF signal can also be monitored on the receiver as well as the GPS position precision and battery status of the transmitter and receiver.

Thanks to cooperation with Czech and foreign hunters there are functions specially adapted to hunting needs. The receiver (handheld device) is made of quality material in two color versions. Collars are comfortable for each dog breed and you can choose from several color variants.

PROFESSIONAL LOCATOR

DOG GPS

















- I The BEEPER function evaluates if the dog is standing or moving - a special mode for wild pig hunting and bird
- I Setting the Beeper signal volume
- I Storing the receiver position (manual device)
- I CAR MODE for use of the receiver (manual device) in a car
- I Fully charged battery lasts over 40 hours
- Fast start
- I Well legible backlit LCD display
- I Clip for hanging from the belt
- I Transport case
- I Receiver: 119 x 62 x 15 mm / 192 g **I Transmitter:** 77 x 45 x 29 mm / 142 g Battery: Li-Pol 1850 mAh - recharging









LCD DISPLAY

- EASY TO

READ EVEN
IN DIRECT
SUNLIGHT



SMALL AND LIGHT TRANSMITTER FOR THE COMFORT OF YOUR DOG



DOG GPS **X30**&**X30T**















MAPS (online/offline)





BARK INDICATION



IMPULSE









- I Compatible with X20 (limited functions)
- I Wireless communication with an **Android smartphone**
- I Online a offline maps
- I Shows all paired GPS devices and their detailed information
- I Records movement of all devices
- I Records time and place of barking
- I Combination with a training collar acoustic signal, stimulation impulse (X3OT) and light function (X30T)
- I Clip for hanging the receiver on a belt
- I Transport bag
- I Receiver: 119 x 62 x 15 mm / 192 g **I Transmitter:** 77 x 45 x 29 mm / 142 g I Battery: Li-Pol 1850 mAh - recharging







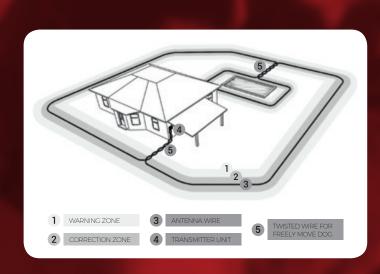
CLEVER





CLEAR





PRINCIPLE OF OPERATION

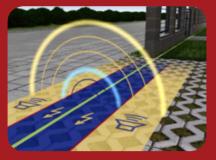
The transmitting generator sends the signal to the antenna wire which you can use to mark the selected area border. The dog has a receiver on the neck that receives this signal and if the dog crosses the border of the first (warning) zone, the receiver begins emitting intermittent beeps. If the dog fails to respond to this sound warning and crosses the boundary of the other (correction) zone, the receiver will simultaneously give a sound signal and a stimulation pulse. The intensity of the stimulation and the width of the correction and warning zone can be easily adjusted.

ELECTRONIC INVISIBLE FENCES

d-fence

The electronic invisible fence **d-fence** allows you to easily and quickly define the boundaries of the space in which your dog can freely move. It offers the ideal solution in cases where your dog does not respect the existing fence and constantly escapes from the garden or to the border of an area in your garden where you do not want the dog to

have access to. The device can be easily installed even in places where the classical fence cannot be used. Thanks to the invisible fence, your dog will learn very fast to respect the boundaries of the defined space and yet it will be free to move but only in places where there is no danger. The collar is suitable for all breeds of dogs.





The ISIT function — Interference Signal Intensity Test detects the occurrence and the intensity of the interfering signals in the locations where you plan to install the antenna wire. This allows you to prevent possible problems with proper function.

d-fence 101/1001









MAX. INSTALLATION

TONE

STIMULATION

IMPULSE MORE DOGS

I 8 levels of stimulation pulses

I Fluent setting of zones:

Warning zone in the range 0,4 - 5 m Correction zone in the range 0,3 - 1,5 m

I Contact-free magnetic switching of the receiver modes

I Generator: 152 x 119 x 42 mm / 216 g Adapter: 230 V/50 Hz, 15 V/100 mA **I Receiver:** 64 x 43 x 34 mm / 56 g Battery: CR2 3 V (service life 6 months)

ANTENNA WIRE

I Simple isolated wire of the cross section 0.75 - 2.5 mm²

I Installation up to 400 m......0,75 mm²

I Installation 400 - 600 m.....1 mm²

I Installation 900 - 1200 m......2,5 mm²

EASY INSTALALTION AND SETTING OF THE **GENERATOR**









MODERN AND EFFICENT FENCE SOLUTION





d-fence 2002/202 6th SENSE









TONE

STIMULATION IMPULSE

MORE DOGS

I 8 levels of stimulation pulses

I Fluent setting of zones:

Warning zone in the range 0 to 10 m Correction zone in the range 0 to 10 m

- I Backup accumulator to ensure operation in case of a blackout of the power grid for up to 16 hours
- I Contact-free magnetic switching of the receiver modes
- I Backlit graphic LCD display
- I Multi-language menu
- I Generator: 156 x 116 x 35 mm / 316 g Adapter: 230 V/50 Hz, 15 V/300 mA Backup power source: battery 9,6 V
- **I Receiver:** 64 x 43 x 34 mm / 56 g Battery: CR2 3 V (service life 6 months)

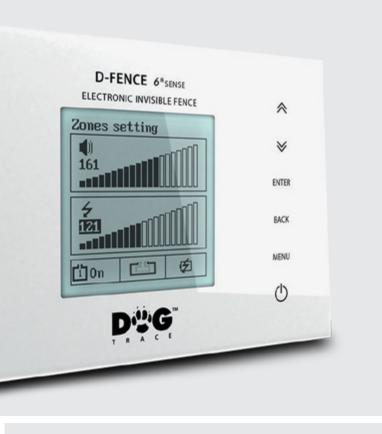
ANTENNA WIRE

- I Simple isolated wire of the cross section 0.75 - 2.5 mm²
- I Installation up to 400 m......0,75 mm²
- I Installation 400 600 m.....1 mm²
- I Installation 900 2200 m.....25 mm²



INSULATED **WIRE TO** MARK THE "BORDER"



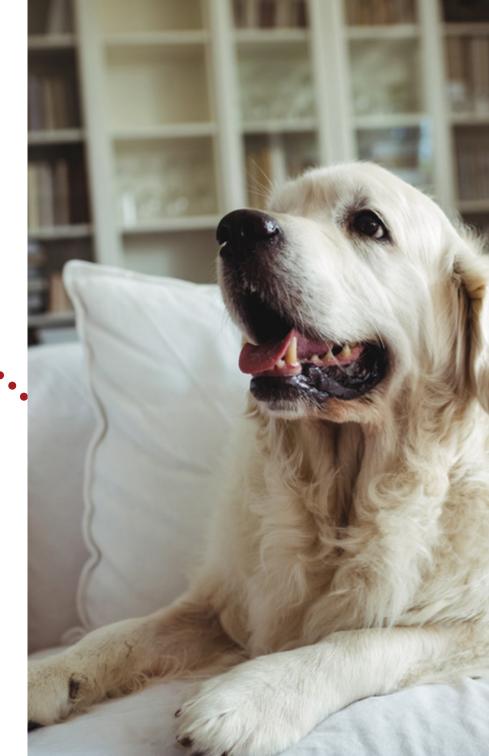












NO-BARK COLLARS

d-mute The electronic **d-mute** collar against barking is a safe and efficient remedy that helps eliminate excessive barking of your dog. It simply and effectively solves the cases when your dog responds by barking at the slightest stimulus, or even keeps barking all day after you leave home and therefore annoys the neighbours. The collar worn by the dog is activated by the vibrations of the dog's vocal cords. This system thus prevents the risk of false triggering by barking of another dog. D-mute has a total of five correction modes and one testing mode. There are **d-mute** and **d-mute light** models available for medium and large breeds of dogs and d-mute small and d-mute small light models are suitable for medium and small breeds of dogs.

d-mute d-mute light









IMPULSE

MORE DOGS

- I 3 levels of stimulation and stimulation with increasing intensity in 5 levels
- I Adjustable collar size 18 75 cm
- I Receiver: 77 x 38 x 37 mm / 67 g Battery: CR2 3 V (service life 6 months)

d-mute small light









IMPULSE

MORE DOGS

- I 3 levels of stimulation and stimulation with increasing intensity in 5 levels
- I Adjustable collar size 18 50 cm
- I Receiver: 61 x 40 x 34 mm / 50 g Battery: CR2 3 V (service life 6 months)





MODEL IS SELECTED BASED ON THE SIZE AND SENSITIVITY OF THE DOG

Model	Stimulation strength	Dog size	Example of the breed
d-mute	high	large	rotweiler, pitbull, german dane
d-mute light	medium	medium and large	german shepherd, retriever, ridgeback, setter
d-mute small	low	small and medium	beagle, cocker spaniel, border collie, spitz
d-mute small light	lowest	small	dachshund, shi-tzu, bichon





YOU BUILD MUTUAL TRUST, YOUR DOG KEEPS ITS FREEDOM AND YET IT WILL ALWAYS BE SAFE



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