



d-control 300
d-control 900

AQUA

S P R A Y

SPRAY TRAINING COLLAR
User guide



EN

Declaration of Conformity

Manufacturer:

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

declare under own responsibility that the product:

Spray training collar

Dogtrace d-control 300 AQUA spray

Dogtrace d-control 900 AQUA spray

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 under conditions of standard use in accordance with the user guide.
This declaration of Conformity is created in exclusive responsibility of producer.

In Lanškroun 1. 10. 2017

Ing. Jan Horák

executive director

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info@dogtrace.com

www.dogtrace.com

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

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

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

VNT electronics s.r.o., hereby declares that the **Dogtrace** spray training collar **d-control 300 AQUA spray** and **d-control 900 AQUA spray** complies with the basic requirements and further relevant regulations of directive 2014/53/EC.

Important notice

- Do not allow children to use this equipment without adult supervision.
- The receiver contains a pressurized vessel - keep away from heat, hot surfaces sparks, open flame and direct sunlight.
- Do not expose the receiver to temperatures greater than 40 °C.
- The training collar should not be worn more than 12 hours per day, as it may lead to skin irritation. If this happens, do not use the training collar until all traces of irritation have disappeared.
- Do not attach a lead to the collar with electronic receiver, or use the collar to secure your pet. This may lead to mechanical damage of the receiver box.
- In case of any problems and for further guidance do not hesitate to contact a professional trainer.
- Do not place the transmitter near objects sensitive to magnetic fields, as they may be permanently damaged.
- The batteries in the receiver and transmitter must be replaced every two years, even if the set has not been used for a long time. Never leave a low battery in your device – it may damage the device.
- If you have a cardiac pacemaker (pacemaker, defibrillator), please take appropriate precautions. d-control radiates a certain magnetic field.

Spray container

- The container is under pressure – if heated, it may rupture.
- Keep away from heat, hot surfaces, sparks, open flame and other burning hazards.
- Do not smoke when handling the container.
- Do not spray towards open flame or other sources of ignition. Do not expose to temperatures over 50°C.
- Keep out of the reach of children.
- Do not use this product for purposes other than that for which it is intended. Use only outside or in a well-ventilated area.
- Contains fluorinated greenhouse gases. HFC-134a: 0,079 kg; 0,113 t equiv. CO₂; GWP: 1430.



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**.

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Introduction

Spray training collar **d-control 300/900 AQUA spray** is an effective aid for training not only more sensitive dogs. The AQUA spray training collar helps you correct undesirable behavior at the right time up to a distance of 300/900 m. The main function of this device is spray correction in the form of an unpleasant cooling spray, which is directed at the dog's muzzle. In fact, even the sound itself which is issued at the time as the spray, is sufficient to interrupt the dog's behavior. Sprays are available in citronella, lavender, or no scent. Acoustic signal and vibration offer further correction possibilities.

Features:

- Range of 300/900 m
- Acoustic signal
- Short (level 5) and long (level 10) sprays
- Large spray container – up to 300 spray corrections with one filling
- Vibration
- Adjustable multifunctional button
- Possible to use with two dogs
- Transmitter with LCD display

Package contents

- Transmitter
- Receiver (with strap)
- 2 pcs lithium battery CR2 3V
- Citronella spray refill
- Neck strap for transmitter
- Manual and warranty card

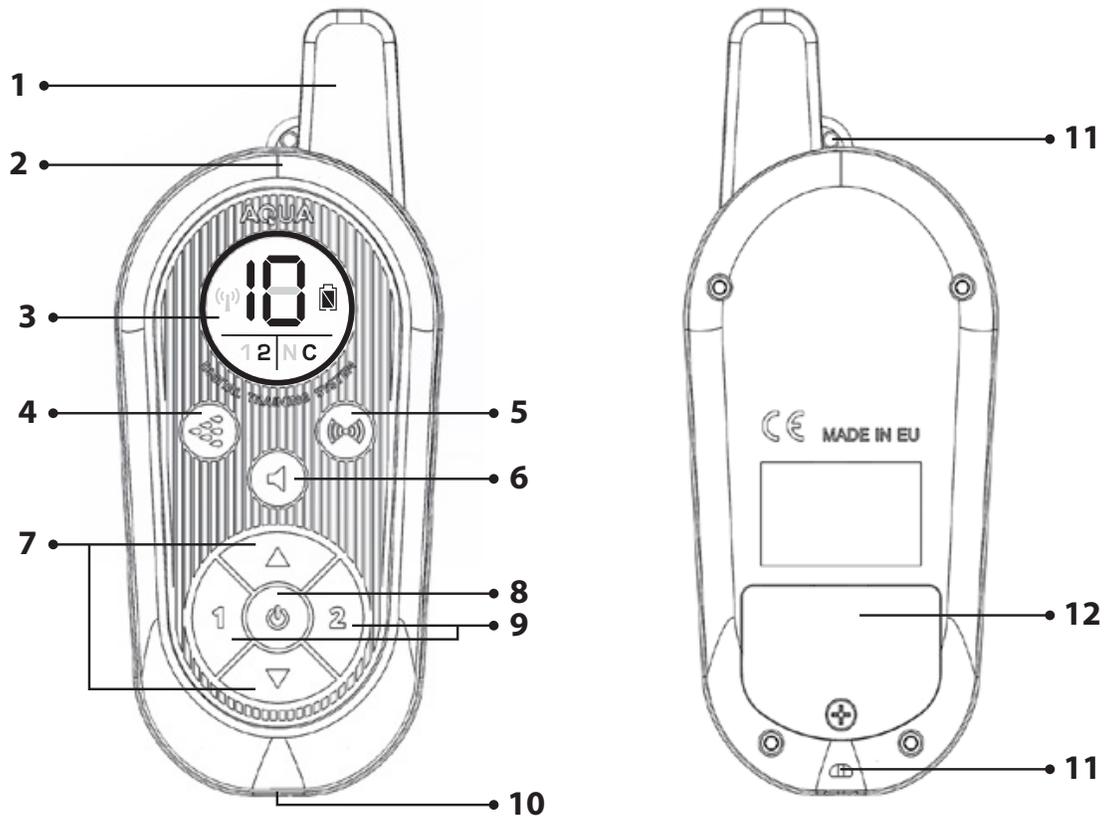
Optional accessories

- Spray refill - citronella, lavender, no scent
- Replacement battery
- Straps in various colors
- Replacement seals for receiver
- Replacement lid for receiver
- Replacement screws for the receiver

Product description

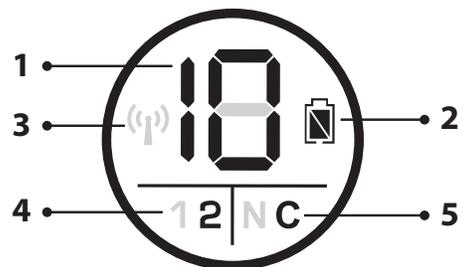
Transmitter

1. Antenna (on d-control 900)
2. Antenna (on d-control 300)
3. LCD display
4. Spray button
5. Multifunction button
6. Acoustic signal
7. Intensity adjustment buttons
8. On/off button
9. Button to choose Dog 1 or 2
10. Storage place for magnet to turn receiver on/off
11. Place for neck strap
12. Battery compartment cover



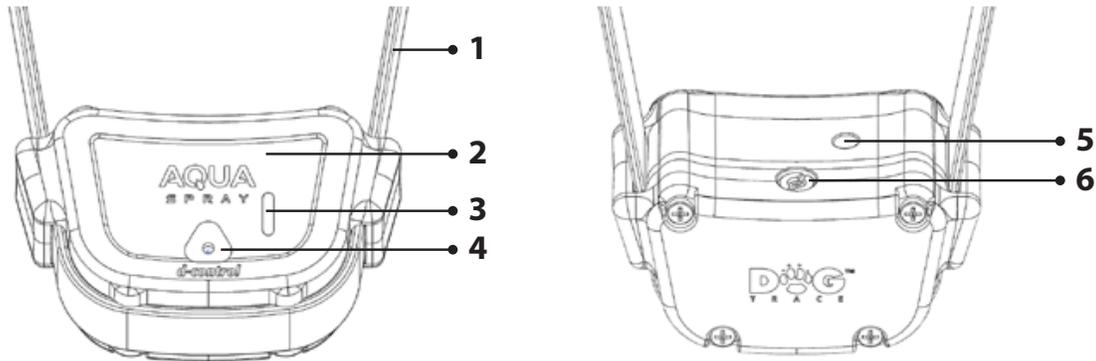
Display

1. Degree of stimulation
2. Battery level
3. Transmission signal
4. Indicates dog 1 or 2
5. Indicates short (N) or long (C) spray



Receiver

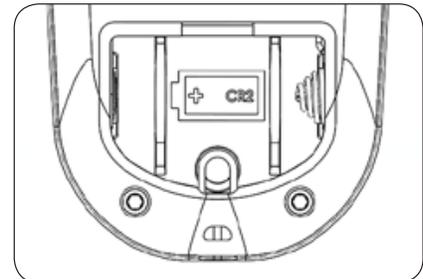
1. Strap (collar)
2. Battery compartment lid
3. Indicator light
4. Spray nozzle
5. Red target – Marks the place for a magnet to turn on the receiver
6. Fill/Refill port



Transmitter preparation

Inserting (changing) the transmitter battery

1. On the back side, remove the screws of the battery compartment cover with a Phillips-Head screwdriver.
2. Insert the lithium CR2 3 V battery with the correct polarity (polarity is marked in the battery compartment).
3. Replace the cover and screws, making the screws reasonably tight.



Checking the transmitter battery's status

To check battery status, see the LCD indicator:

-  – fully charged battery
-  – medium charged battery
-  – flat battery

If the battery is flat, insert new lithium battery CR2 3V into the battery compartment.

Switching the transmitter on/off

Switching on: hold down the  button for one second. The display will turn on.

Switching off: hold down the  button for one second. The display will turn off.

Receiver preparation

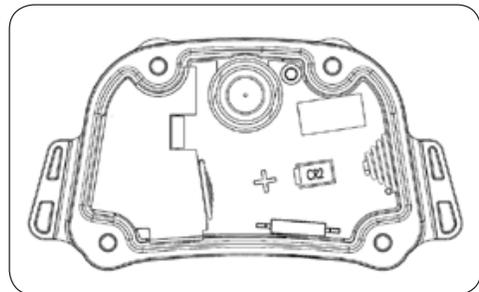
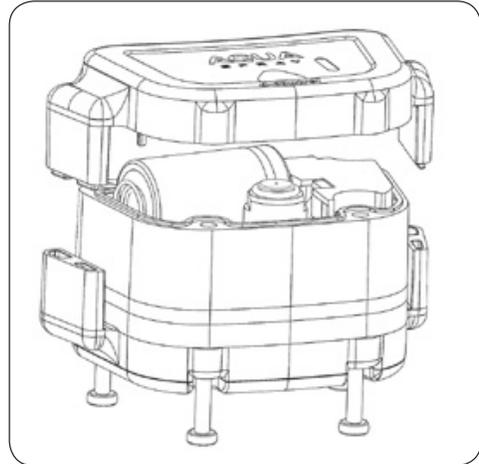
Inserting (changing) the receiver battery

1. Remove the 4 screws from the underside of the receiver and remove the lid from the top.
2. Insert the lithium CR2 3 V battery with the correct polarity (polarity is marked in the battery compartment).

When inserting battery for the first time, or if the battery is removed for longer than a couple tens of minutes (approx. 20 minutes), a beep sounds to indicate that battery has been inserted correctly.

Note: When the battery is replaced quickly, the beep may not sound.

3. Check that the rubber seal is correctly positioned in the receiver lid groove. If the rubber seals are dirty, clean them.
4. Put the lid back on the receiver and replace the screws.



Checking the receiver battery's status

To check the receiver battery, see the indicator light (LED) on the upper side of the receiver (see chapter): *Product description - Receiver*.

Charged battery – when on, the LED flashes green

Low battery – when on, the LED flashes red

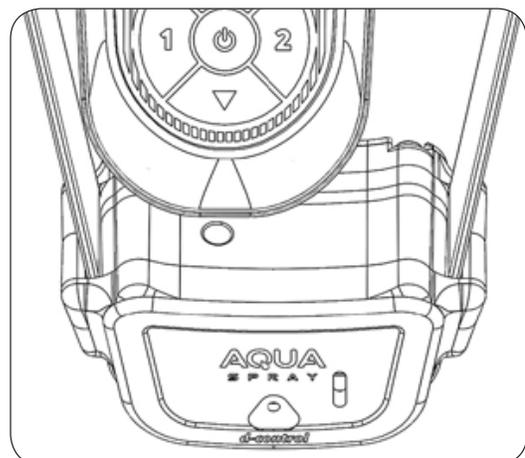
If the battery is flat, insert new lithium battery CR2 3 V into the battery compartment.

Switching the receiver on/off

To turn the receiver on/off (e.g., when pairing the transmitter and receiver), use the magnetic switching system, activated by placing the magnet stored in the lower part of the transmitter near the correct receiver part.

Switching on:

1. Place the lower part of the transmitter near the red target on the receiver (see picture) - indicator light will shine red, then orange.
2. Once the light is orange remove the transmitter from the receiver - the light will shine green and start to flash.



Switching off:

1. Place the lower part of the transmitter near the red target on the receiver - indicator light will shine red, then orange.
2. Once the light is orange remove the transmitter from the receiver - the light will shine red.

Important: When turning on, simply put the bottom of the transmitter on the receiver's target for approx. 1 second. If you hold the transmitter at the receiver target for more than 5 seconds, the receiver enters pairing mode. This mode is indicated by alternating flashes of green and red indicator light. If this happens, follow the chapter below - *Pairing the transmitter and receiver*.

Pairing the receiver with the transmitter

Each transmitter has its own radio code. For the transmitter to communicate with the receiver, they must be paired together. If you have purchased a new d-control transmitter/receiver set, no pairing is necessary – the set is already paired. Pairing is only done if you want to use another transmitter or receiver.

The transmitter is designed for training two dogs, so you may pair it with two receivers. Use buttons **1** and **2** to select one dog or the other.

Important: Before pairing the transmitter and receiver, make sure that no one else in your vicinity is using their own d-control. Your receiver could receive the code of another transmitter. If this happens, re-pair your receiver with your transmitter.

Pairing procedure

1. Turn on the transmitter.
2. **The receiver must be off.**
3. On the transmitter, select the position (button **1** / **2**), you want to pair with.
4. Place the lower part of the transmitter to the red target on the receiver and hold for 5 seconds. The LED indicator of the receiver will shine red, then orange.
5. After 5 seconds the orange indicator light will flash 3 times.
6. Remove the transmitter from the receiver - alternating green and red lights will flash.
7. Press the acoustic signal button  on the transmitter. Successful pairing is indicated by a long beep of the receiver.

Re-pairing the receiver

The number of times you may re-pair the receiver is unlimited, either with the same or a different transmitter (see *Pairing the receiver with the transmitter*).

TIP: An unlimited number of receiver can be paired with one transmitter.

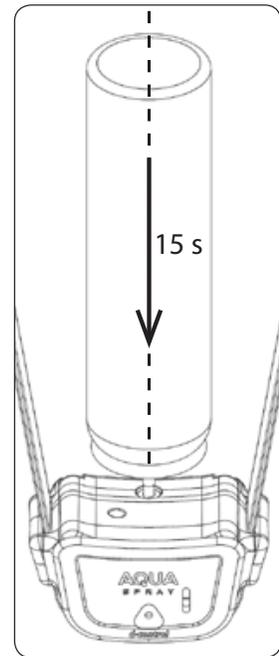
Example: On button **1** we pair 3 receivers, which can be paired one after another or by putting all receivers in pairing mode and then pressing the acoustic signal button. All of these receivers will respond the same when you press the command button. For example, it's possible to use two training collars on one dog. Or alternatively for training multiple dogs, where the same command is issue to all of them at once.

Filling the receiver with spray

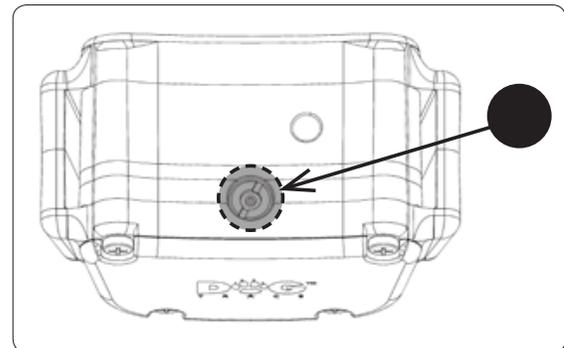
Before using the spray training collar, you must fill the receiver tank with spray.

1. Turn off the receiver.
2. Remove any dirt from the refill port.
3. Turn the receiver so the refill port points upwards.
4. Place the spray tip on the refill port as shown.
5. Press the spray bottle lightly into the container and hold for about 15 seconds.
6. Stick the stick-on label that is under the cap of the spray bottle over the refill port.

Warning: The spray refill port must be protected against any dirt in order to work properly. It is important to stick the label over the refill port after every refill. This will protect the refill port against dirt.

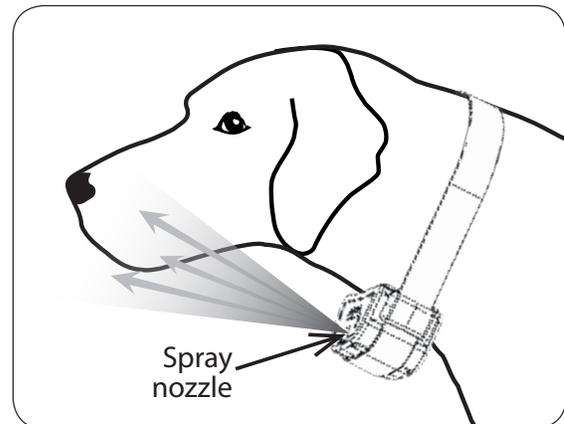


Warning: Do not try to fill the receiver while the dog is wearing the collar. To fill the d-control AQUA spray receiver use only original Dogtrace brand spray.



Fitting the training collar

Fitting the collar and receiver correctly is important for proper functioning. Place the dog collar so that the spray nozzle points toward the dog's nose. The collar strap is properly adjusted if you can insert 2 fingers between the collar and the dog's neck. If your dog has dense or long hair, it may be necessary to trim it to ensure the spray reaches the nose area.



Basic use of the training collar

- An important prerequisite for the use of the training collar is the trainer's basic knowledge of dog training.
- If you do not have this knowledge, please turn to a training center, cynology club or dog school where you will learn basic communication with your dog.
- You may begin using the training collar with a 6-month-old puppy that already has some basic training, e.g., "SIT", "LIE DOWN", "STAY" or at least "NO"...
- The dog needs to know these commands in order to create a connection between

them and the training collar's acoustic signal.

- After a successfully followed command, you should always follow with a reward or praise so the dog learns to enjoy following commands and his desire to please you grows.
- You must not take successfully followed commands for granted and only react to disobedience – the dog will soon lose interest.
- If you're not certain that the dog will come when you call, start training on, for example, a training line.
- Your dog will have to get used to the training collar; let him wear it for several days, but don't use it, so that he does not immediately recognize the link between its wearing and its purpose. Positive and effective training takes time – don't rush!
- Choose a place or environment to which your dog is accustomed.
- Choose the right moment to press the button; at the precise time that your dog displays undesirable behavior.
- In case of any problems and for further guidance, do not hesitate to contact a professional trainer.

Transmitter functions

Before issuing a command choose the correct button for the dog, **1 / 2**, which you want to follow your command.

Acoustic signal:

The receiver on the dog collar starts to emit an acoustic of audible signal. This command can precede the spray stimulation and is a very effective warning. You can use the acoustic signal instead of the command "come/heel," in this case replacing a whistle; the dog will always perceive the signal volume the same. It is very important to always use the acoustic signal in the same way, so that it does not confuse your dog.

The green indicator light on the receiver will shine for the duration of the acoustic signal.

Spray stimulation:

This function allows you to activate a warning from the receiver in the form of an unpleasant cooling spray.

Choosing short **N** and long **C** sprays

Transmitter button **1** can be repeatedly pressed for the first dog (or button **2** for the second), to choose between a short interrupting spray stimulation **N** (NICK) or long stimulation **C** (CONTINUE).

Short stimulation N –   choose the number of short sprays, from 1 to 5.

Long stimulation C –   choose the length of 1 spray, from the shortest, 1, to the longest, 10.

Number of sprays per refill		
spray type	degree	no. of sprays
C	1	up to 300
C	10	up to 40
N	1	up to 200
N	5	up to 40

Multifunctional button (vibration): ((•))

The ((•)) button switches between 4 modes:

- vibration
- long spray + vibration
- long spray + acoustic signal
- long spray + vibration + acoustic signal

Settings:

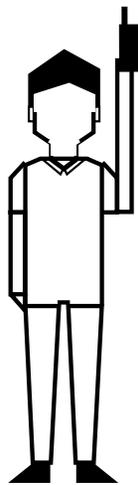
1. Choose the dog for whom you want to set the multifunctional button on the transmitter.
2. Hold down the dog selection button (1 or 2) – until the dog selection symbol flashes.
3. Set the desired mode with the ▲▼ buttons.
4. Briefly press the dog selection button (1 or 2).

The size of the long spray matches the settings of the  C button (long spray).

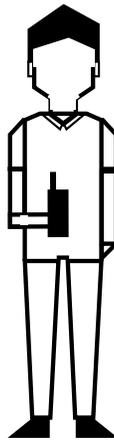
Maximum transmitter range

It's possible to use the d-control set at a distance of up to 300/900 m. The maximum range is influenced by a number of factors – weather, terrain, vegetation, and so on.

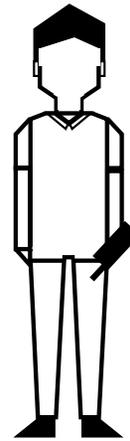
- To ensure maximum range of equipment: Do not cover the antenna on top of the transmitter.
- When issuing a command, hold the transmitter in a vertical position away from the body in your outstretched hand above your head.
- Check the batteries in the transmitter and receiver, replace if necessary.



maximum range



regular range



minimum range

Troubleshooting

1. Please read this manual again to ensure that the problem is not caused by faulty batteries or improper use.
2. Make sure the batteries are inserted with the correct polarity.
3. If the transmitter is not communicating with the receiver, try pairing them again (see chapter: **Pairing the transmitter with the receiver** p. 10).

4. If the problem persists, contact your retailer.
5. If the spray leaks from the refill port – check that there is a rubber seal around the refill port and that there is not dirt on it. If everything is OK, try pushing harder on the spray bottle when filling.

Maintenance

Do not use volatile substances, such as paint thinner, gasoline or other cleaners, to clean your d-control. Use a soft, damp cloth or neutral detergent.

The receiver (collar) is waterproof only provided good sealing conditions. To maintain the watertightness of the receiver, we recommend replacing the rubber seal in the battery compartment lid at least once a year. Also ensure that the seal is properly cleaned and adjusted after each battery change and that the screws are properly tightened. Tighten using force no greater than necessary!

If you don't use the training kit for a long time, remove the battery from the device.

Technical data

d-control 300 AQUA spray transmitter

Range	300 m
Power source	lithium battery CR2 3 V
Battery life	8-14 months depending on use
Frequency (output)	869,525 Mhz (10 mW)
Antenna	integrated
Cover	not watertight
Operating temperature	-10 °C to +50 °C
Weight	57 g (w/out battery)
Dimensions	103 x 52 x 22 mm

d-control 900 AQUA spray transmitter

Range	900 m
Power source	lithium battery CR2 3 V
Battery life	6-12 months depending on use
Frequency (output)	869,525 Mhz (100 mW)
Antenna	external
Cover	not watertight
Operating temperature	-10 °C to +50 °C
Weight	60 g (w/out battery)
Dimensions	125 x 52 x 22 mm

Receiver

Power source	lithium battery CR2 3 V
Battery life	6-12 months depending on use
Antenna	integrated
Cover	watertight
Operating temperature	-10 °C to +50 °C
Adjustable strap circumference	cca 20 - 72 cm
Strap width	20 mm
Receiver weight	74 g (w/out strap, battery)
Receiver dimensions	68 x 38 x 35 mm

Warranty terms and conditions

VNT electronics s.r.o. provides a 2 year warranty on the **Dogtrace** products with respect to defects in material and workmanship under normal use and service from the date of the original purchase.

The limited warranty does not cover the following:

- accumulators
 - 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 losing 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 unrepaired 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.