

# CANIFUGUE

## FREQUENTLY ASKED QUESTIONS

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**Version : 0**

Written by :  
**NUM'AXES Quality Department**

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## Liste des Modifications / Evolutions

Version	Date	N° de page	Evolution
0	13/12/2005		Création du document

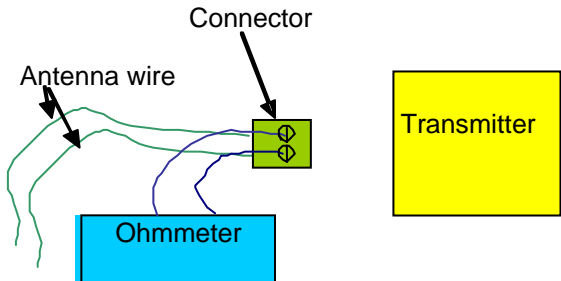
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**1 - SUBJECT :**

This document describes the main problems met by the customers and the solutions brought to solve them.

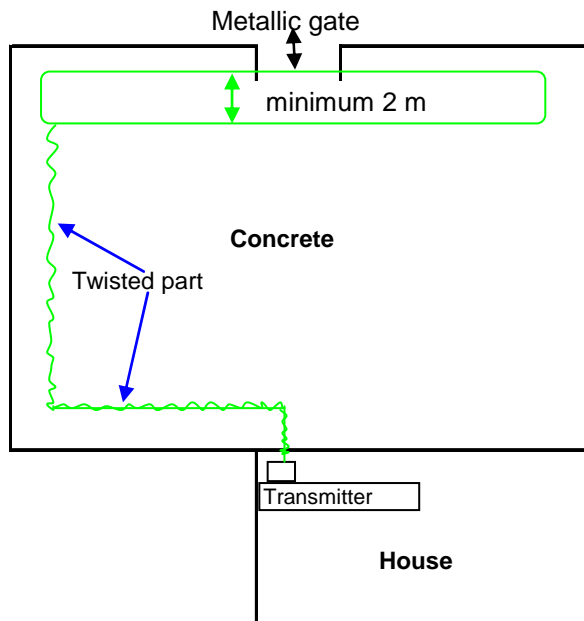
**2 - DESCRIPTION OF THE PROBLEMS AND SOLUTIONS:**

Point	Problems	Risk	Solution
1	Can I install 2 transmitters from the same series for obtaining a length of wire superior to 400m	You could damage the transmitters	Use only one transmitter with wire of bigger dimensions (see point 2).
2	Dimensions of the wire to use as per length of the installation		Use some 0.75mm <sup>2</sup> antenna wire up to 400 m wire long Use some 1.5mm <sup>2</sup> antenna wire between 400 m and 1000 m Use some 2.5mm <sup>2</sup> antenna wire between 1000m and 2000m
3	Can I fix the antenna wire on a wire fence ?	The signal emission will be spread all through the wire fence	Put the wire on the ground or underground at 10 cm maximum depth. If the problem remains, place the wire at a distance of 2 or 3 meters.
4	Is it troublesome to use Canifugue for people wearing a hearing aid?	None	No trouble for the use of Num'Axes' products
5	Can I plug the transmitter to a 12 V car battery instead of a power supply ?		Works right
6	Can I plug the power supply on an uninterruptible power supply		Works right
7	Can I use the antenna wire close to a metallic fence or gate ?	Interferences	Place the wire at 2 or 3 meters far from the gate or fence
8	I am facing some problems with the detection area (detection on the antenna wire or at a few centimetres from the antenna wire : not in compliance with the user's guide)		<p>1 – Check that there is no interference (TV antenna wire, electrical cable, phone cable, metallic gate, spotlights, cars). Lay the wire antenna perpendicular to the other wires.</p> <p>2 – Check the state of the resistance at the transmitter terminal thanks to an ohmmeter. Disconnect the green connector of the transmitter and do the measure according to the diagram below</p>  <p>The diagram illustrates the setup for measuring the resistance of the antenna wire. A yellow box labeled 'Transmitter' is connected to a green connector. This connector is also connected to a green wire labeled 'Antenna wire'. A blue box labeled 'Ohmmeter' is connected to the antenna wire at two points to measure its resistance.</p>

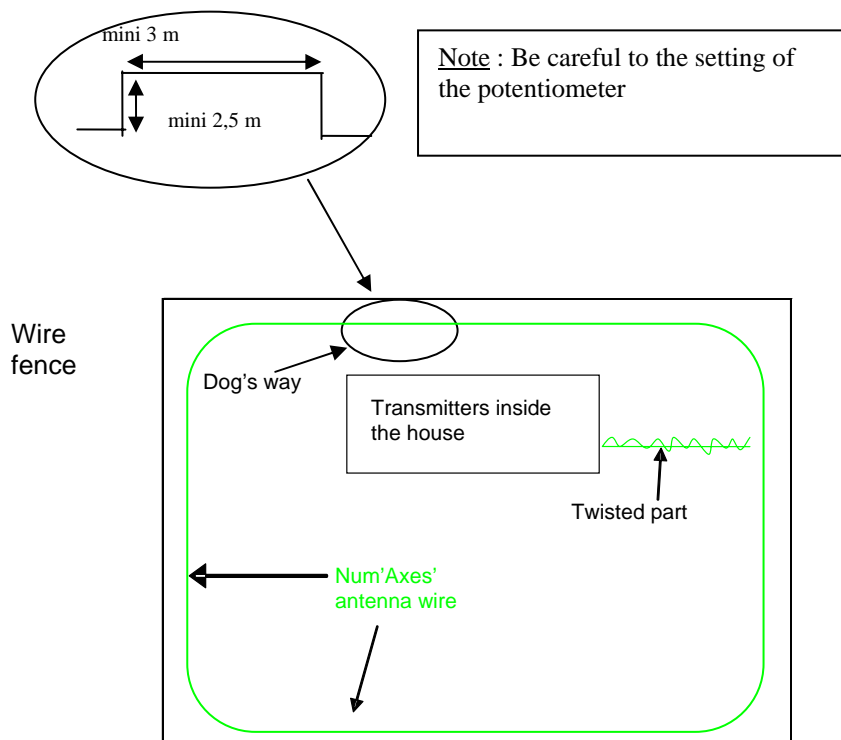
Point	Problems	Risk	Solution											
	I am facing problems with the detection area (continued)		<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Type of antenna wire</th> </tr> <tr> <th>0,75 mm<sup>2</sup></th> <th>1,5 mm<sup>2</sup></th> <th>2,5 mm<sup>2</sup></th> </tr> </thead> <tbody> <tr> <th>Resistance value per 100 meters of antenna wire</th> <td>2,3 ohms</td> <td>1,2 ohm</td> <td>0,7 ohm</td> </tr> </tbody> </table> <p>If the measured value is superior to :  2.3 times the length of the wire for some 0.75 mm<sup>2</sup> antenna wire / 100  or 1.2 times the length of the antenna wire for some 1.5 mm<sup>2</sup> antenna wire/ 100  or 0.7 times the length of the antenna wire for some 2.5 mm<sup>2</sup> antenna wire / 100  Check the state of the wire connections (deformation caused by crushing, oxidation).</p>		Type of antenna wire			0,75 mm <sup>2</sup>	1,5 mm <sup>2</sup>	2,5 mm <sup>2</sup>	Resistance value per 100 meters of antenna wire	2,3 ohms	1,2 ohm	0,7 ohm
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Resistance value per 100 meters of antenna wire	2,3 ohms	1,2 ohm	0,7 ohm											
9	Continuous sound emission from the transmitter		<p><b>1</b> – Check the length of the wire (maximum of 4 reels of antenna wire)  If there are more than 400m length of linear wire, use superior dimensions wire (1.5 mm<sup>2</sup>).</p> <p><b>2</b> – Make a loop with a length about 5 meters of antenna wire.</p> <p>Stand outside of the loop, and check the detection distances as explained on the chart below :</p> <table border="1"> <thead> <tr> <th>Setting</th> <th>Detection distances</th> </tr> </thead> <tbody> <tr> <td></td> <td>Beep emitted at about 25 cm</td> </tr> <tr> <td></td> <td>Impulse emitted at about 20 cm</td> </tr> </tbody> </table> <p>Result :</p> <ol style="list-style-type: none"> <li>If the transmitter still emits beep sounds, send us back the Canifugue complete set</li> <li>If the transmitter does not emit sound beeps anymore see point 8</li> </ol>	Setting	Detection distances		Beep emitted at about 25 cm		Impulse emitted at about 20 cm					
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### 3 – INSTALLATION DIAGRAM :

#### 3.1 Protecting the gate

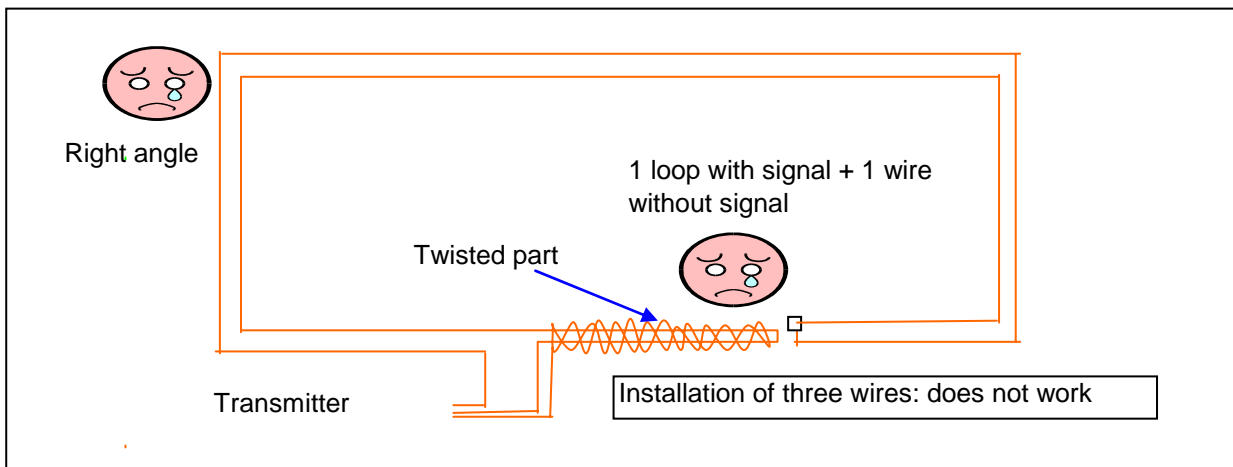


#### 3.2 Make a passageway for the your dog through the gate



### 3.3 Making a passageway

#### Wrong installation



#### Right installation

