



# ELFIPA

AUTOMAZIONE TIRO A VOLO  
REALIZZAZIONI ELETTRICHE



## Operating Instructions

*Remote Hunting with Smart-Card*



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## 1. SUMMARY

Dear customer, we thank you to choose our product and we ask you to read attentively the Operating Instructions on the using of " Remote Hunting" necessary for a correct use of it and for its safety.

The information of the manual have the aim to provide notices about:

- The use of "Remote Hunting";
- Technical Features;
- Elimination Instructions.

### FEATURES OF THE PRODUCT:

- The "Remote Hunting" is an equipment that let you control at distance one or more target machines, whose:
- Once you set the code which identifies it, the "Remote Hunting" can control the receivers, that are linked to him, by using its 8 Buttons and their combinations;



*These Operating Instructions must be considered part of the product "Remote Hunting" and therefore must be kept for all the period in which the product works, in case you need them in the future.*

## **2. SPECIFICATIONS**

### **2.1 Intended Use**

The "Remote Hunting" is destined to be integrated in one or more Target Machines.

There are no other uses for this product.

### **2.2 Dimensions and Weights**

The overall dimensions of the product (not packed) are:

Width:	38 cm
Length:	42 cm
Height:	82 cm

The overall weight is 7,5 kg.

### **2.3 Electronic Supply Data**

Rechargeable battery 12 V DC



*ELFIPA S.n.c. doesn't take any responsibility for a wrong installation or connection of the product. It's suitable that all the operations are made by skilled workers.*

## 2.4 Environment Conditions and Using Limits

The "Remote Hunting" is arranged to work in temperature and humidity standard conditions.

These standard conditions correspond to temperatures included between  $-5^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$  with a degree of humidity of 50% 620%.

The product is made to be used in outdoor places. The equipment has to be prevented from bad weather conditions (rain, humidity, etc..)

The declared protection index is IP 40.

## 2.5 Safety Directions

The "Remote Hunting" implies some risks and for them is absolutely necessary to pay attention to what follows:

- Before doing whatever cleaning operations or maintenance, disconnect the "Remote Hunting" from the electronic supply;
- **Warning!** this is an A Class product. If it is set in a residential place, it can cause radio troubles. In this case the user can be asked to take proper measures.
- ELFIPA S.n.c. doesn't take any responsibility for the following cases:
  - Unproper use of the product "Remote Hunting" (for the Intended Use, go to paragraph 2.1 of this Manual);
  - Defects in the electronic supply;
  - Modifications or interventions not authorized and made by not skilled workers;
  - Non-observance (partial or total) of the Operating Instructions.



### 3. OPERATING INSTRUCTIONS

#### 3.1 Setting the CODE of Remote Hunting

The settings of the Code are necessary to set various implants, one near the other, without any disturbs.

If there is only one implant, you can choose the DEFAULT code, otherwise you must set all the implants with different codes.

In particular cases ( like Hunting Sport), transcribing attentively all the operations you will make, you can join "Remote Hunting" with different codes to one or more "Radio Receivers" with maximally 8 combinations for a single "Radio Receiver".

To set the Transmission codes of the "Remote Hunting", use the Portable Loader and follow these directions:

- a) Switch on the portable Loader and pushing ON, after some seconds the equipment is ready.

Display loader :

Insert a Card

- b) Insert the special card "Settings Card for transmitter", On the display the first setting (described at point 3.4) will appear:

Display loader :

Function Select:  
Set Mode TX

- c) Go to the next direction, pressing the + button, so to see [Set Code TX]; now push OK button. On display will be seen what follows:

Display loader :

---- ON [CODE]  
■■■■ OFF 0

- d) Now press the + or - to change the code within the 15 possible combinations, the square moves from bottom to top and vice versa to indicate the corresponding code (this setting corresponds to the microswitchers set in the portable transmitter). In order to confirm the selection press OK and remove the card.

- e) Now insert card into the slot on the side of the pedestal, as in the figure, and press any key of the "Remote Hunting". The blue LED will flash and then turn on steady for approximately 2 seconds, this indicates that the card has been read and stored. If the card is inserted, the blue LED begins to flash till it's removed.



### 3.2 Setting Receivers

- a) Turn ON the power supply of machine; press and keep the red button (PROGRAM) pressed.



- b) Place the "Remote Hunting" near the receiver. Before you set it using the special TX-Free Card "Settings Card for transmitter" (see section 3.4). Now press a button corresponding to the machine to connected to this receiver and that you want to release. Then make the call (as explained in section 3.6).
- c) To finish the programming, release the red button (PROGRAM) so that the sequence of pressed buttons will be memorized. Now the "Radio Receiver" is ready for its ordinary use.
- d) In some versions, the Button (PROGRAM), is lodged on the board. In this case the cover must be opened and to play the same procedures as to the point a – b – c.
- e) If you have also other transmitters; remember to memorize also these ones.

### 3.3 Cost of Targets planning

To follow this Procedure for planning the Targets Cost in "Remote Hunting".

- a) You take the portable Loader and pushing ON, after some seconds equipment is ready.

Display loader :

Insert a Card
---------------

- b) Insert the card "Round Cost" to set the cost of each plate to be deducted from the shooter's credit card, the display will show:

Display loader :

A Raund	0,28
Cost 1	0,00

- c) Enter the required value by pressing the button (.) for cents to setup, also press the OK button. The price goes above the line and the first cost is so programmed. Follow the same procedure for the remaining 3 Costs pushing the + and -.
- d) Now remove the card "Round Cost" by the loader and continue following the instructions described (in point 3.1 and section e).

**P.S.-** Run this Procedure the first Once you install the product and any time you wants readjust prices.

### 3.4 Setting for the use with or without card

This Procedure explains how to set the "Remote Hunting" to be used with or without the card.

- a) You take the portable Loader and pushing ON, after some seconds equipment is ready.

Display loader :

Insert a Card

- b) Insert the special card "Settings Card for transmitter", The display show this:

Display loader :

Function Select:  
Set Mode TX

- c) Press the OK button. On display will be seen as follows:

Display loader :

Mode with Card  
=>NO TES

Mode with Card  
NO =>TES

The script ON implies the use of the equipment without cards, while the script OFF implies the insertion of the card.

- d) Now press the + or - to change from OFF to ON and vice versa. In order to confirm the selection, press OK and remove the card.
- e) Then follow the instructions (in point 3.1 and section e). The "Remote Hunting" is now ready to be used.

### 3.5 Sensibility Regulation



The equipment already has a good sensibility of the voice. Yet it's possible to change the sensibility where it's necessary, due to bad environmental conditions.

To modify the sensibility using a small screwdriver, work on the yellow potentiometer, doing as follows: turn it clockwise to increase the sensibility, turn it anticlockwise to decrease the sensibility.

It's suitable to make various tests in different positions in order to find the best one.

### 3.6 Use of the product

Once you made the regulations as in the previous points, the equipment is ready to be used and it's enough to place the product in front of the station. When you press the button, if don't call it within a minute, the machine goes off automatically.

It is good to remember note that if you press more buttons and make the call, the machines are driven at the same time as a doublet simultaneous.

- a) Use of the product, set without card (Tx-Free YES)  
It's enough to push the button of the machine, which you want to release, after a second the LED will be on fixed and you can do the call. If you insert a shooter card, the blue LED flashes until you remove it and you can do the call.
  
- b) Use of the product, set without card (Tx-Free NO)  
Insert a shooter card and press the button, which corresponds to the machine you want to release: now the led is on fixed for 1 second and the "Remote Hunting" is ready to receive the call.

**P.S.** - If the LED flashes quickly, it means that the battery is almost low; therefore look at point 3.7.

### 3.7 How to recharge the Remote Hunting

To recharge the "Remote Hunting" battery you have to use the adapter, given in endowment, and to connect it to the lateral plug "Charging" (as in the picture below).

A correct battery recharge lasts at least 3 hours.



### 3.8 Resolutions of Possible Problems

Here follow some cases, where there can be found some problems in the functioning of the " Remote Hunting"; the customer can solve these problems by his/her-self:

Kind of problem	Possible Cause	Solution
The machine doesn't release	Formulation of a wrong code	Verify the correctness of the code formulation and eventually repeat the operation in the point 3.1
Pressing a button, the spy doesn't switch on	Battery completely discharged	Connect the loader to the product and leave it there for some hours
The noises outside make the machine release	Too much sensibility	Modify the sensibility as in the point 3.3
The equipment doesn't receive the call	Too low sensibility	

For other problems and if you don't manage to solve the problems above, ask some skilled workers for help.

#### **4. ELIMINATION OF THE PRODUCT**

When you decide to use no-more the product "Remote Hunting" and so you want to eliminate it, it' suitable to make it inoperative, taking out the Remote-control (Tx) battery and disconnecting the Receiver (Rx) from the supply circuit.

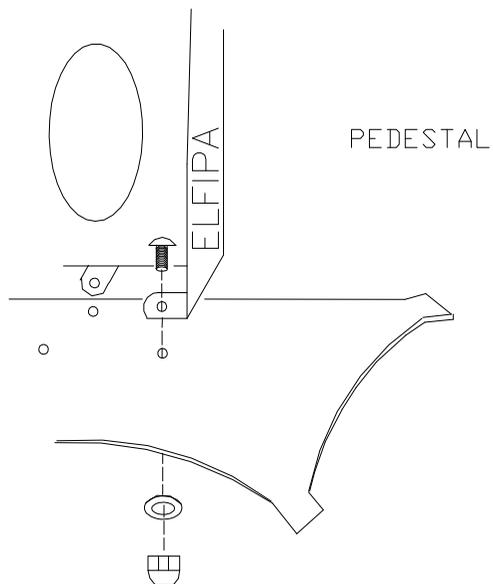
It's absolutely forbidden to disperse this product in the environment.

For the disposal of the product, take it in the proper ecological platforms or give it to special recycling firms.





## 5. ASSEMBLING



If the product is provided with the pedestal not assembled, fix it as in the picture, using the screws that are given in endowment.



# *DECLARATION OF CONFORMITY*



The Firm **ELFIPA S.n.c.**

P.zza XXIV Maggio, 6 – 31040 Gorgo al Monticano (TV)

Dichiara sotto la propria responsabilità che:

the Product

***Transmitter + Radio Receiver for Target Machine Control***

Models: - ***RTX1F - RTX1A - RTX8F - RTX8A - RX1F - RX1A***

to which is referred this Conformity Declaration CE, has been planned and built, according to the following Community Directives:

- Electromagnetic Compatibility Directive (EMC) 89/336/CEE
- R&TTE Directive 1999/5/CE
- Machines Directive 98/37/CE

In particular, the following harmonized norms have been applied:

**CEI EN 61000-6-3 ; CEI EN 61000-6-1 ; CEI EN 55022 ; CEI EN 61000-4-3 ; CEI EN 61000-4-2**

*Therefore the Product above-sued can be considered properly done to guarantee the safety of things and people, provided that it has been installed correctly, following what it's written in the Operating Instructions.*

N.B. It's not allowed to make the product working till the machine, in which the product is integrated, is not identified and declared conforming to the Directive 98/37/CE.



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