ELFIPA

AUTOMAZIONE TIRO A VOLO
REALIZZAZIONI ELETTRONICHE

Atlanta 1996

Sydney 2000

Operating

Instructions

Remote Hunting

INDEX

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°C and +40°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 code you want, 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".
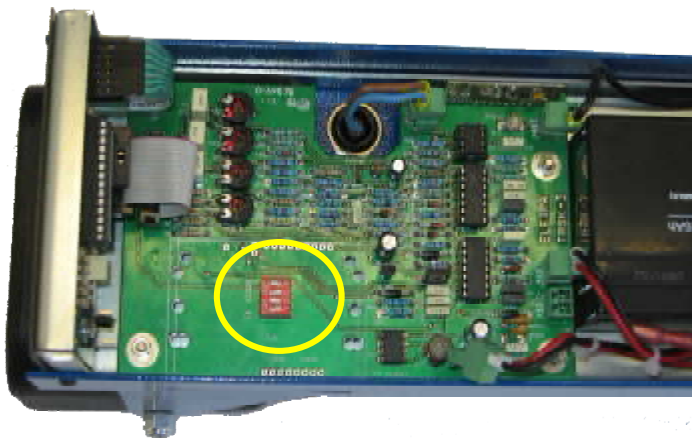
To set the memorization of the Radio Transmitter/s, follow these directions:

1- Open the cover, taking away the screws set in the inferior part by using a small screwdriver.

   BE CAREFUL! YOU MUSN'T PULL THE WIRES THAT ARE CONNECTED BETWEEN THE COVER AND THE BOTTOM!

2- **Work on the switches, shown by the yellow circle, to change the transmission code; in doing it, you can be helped by a pen.**

3- **the jumper circled in red with the inscription SELECT is used to set the transmission mode. With the jumper connected equipment is turned on after each call, vice versa with jumper removed after a call turn off.**

3.2   Setting Receivers

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

b- Using the "Remote Hunting", that has already been set, press one or more buttons, that are used to control the target machine, according to your own needing. Therefore, call the machine.

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 want to use the "Remote Hunting" in a skeet range, for each machine you have to use 2 buttons: for example, for the high cabin, the buttons 1 and 2, while for the low cabin, the buttons 2 and 3.
In this way you can release the high cabin with the button 1, the button 2 releases both cabins and finally the low cabin is released by the button 3.

3.3 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 you using a small screwdriver, work on the blue 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.

3.4 Use of the product

Once you made the regulations as in the previous points, the equipment is ready to be used.

It's enough to place the product in front of the station, press the button linked to the machine which is going to release the target : now the blue led corresponding to the machine is turned on and the red led flashes slowly. When the red LED is steady on, the "Remote Hunting" is ready to receive the call.

If the red led flashes quickly, it means that the battery is going to finish; therefore look at point n° 3.5.

When you press the buttons DELAY or DIRECT you set the release mode with or without the delay, and the power goes off.

3.5   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 "Recharge" (as in the picture below).
A correct battery recharge lasts at least 3 hours.

3.6   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.
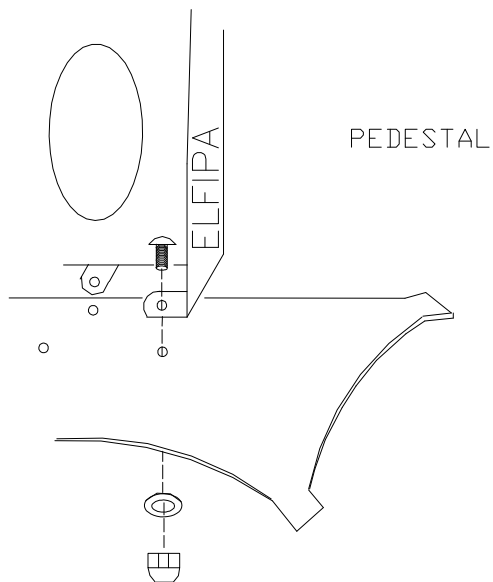
4. ELIMINATION OF THE PRODUCT

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

PEDESTAL

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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 CE

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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