ELFIPA

AUTOMAZIONE TIRO A VOLO
REALIZZAZIONI ELETTRONICHE

15 CHANNELS TRANSMITTER WITH SMART-CARD

Operating Instructions

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1. SUMMARY

Dear customer, we thank you to choose our product and we ask you to read carefully the Operating Instructions on the using of " 15 Channels Transmitter with Smart-card", 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 "15 Channels Transmitter with Smart-card";**
- **Technical Features;**
- **Elimination Instructions.**

FEATURES OF THE PRODUCT:

- The "15 Channels Transmitter with smart-card" is the equipment, which allows a completely automatic wireless management of the hunting sport and skeet, thanks to the secure cards which are given to the customer. Moreover the cards let have a simpler accounting of the incomes and a complete safety against whatever trial of robbery by external people.

This Manual is to be considered as part of the product "15 Channels Transmitter with Smart-card" and therefore, it has to be kept carefully as a future reference, for the whole duration of the product.

2. SPECIFICATIONS OF THE PRODUCT

2.1 Intended Use

The "15 Channels Transmitter with Smart-Card" is intended to be used with all ELFIPA products (that means suitable to RX-1 Channel, RX-8 Channel, RX-15 Channels Receivers, Supply Unit Skeet with Radio).
The layout of the keyboard can change, the buttons presents letters instead of numbers, while the functioning remains always the same.
There are no other uses of this product.

2.2 Dimensions and Weights

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

Width:	**10 cm**
Lenght:	**19,5 cm**
Height:	**4 cm**

The overall weight is 0,5 kg.

2.3 Electronic Supply Data

The "15 Channels Transmitter with Smart-Card" is to be supplied with 4 AA type 1,5 V batteries and involves a current absorption, which does not outgo 20mA.

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 Limits of Functioning

The "Transmitter + Radio Receiver for Target Machine Control" 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 has been created to be used in an internal environment. The equipment has to be protected by weather agents (rain, humidity, etc..).
The declared protection index is IP 40

2.5 Safety Directions

The "15 Channels Transmitter with Smart-card" implies some risks and for them is absolutely necessary to pay attention to what follows:

- Before doing whatever cleaning or maintenance operations, disconnect the "15 Channels Transmitter with Smart-card" from the electronic supply;

- Warning this is an A Class product. If it is placed 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 "15 Channels Transmitter with smart-card" (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. SETTINGS

The equipment is given ready to work correctly; before using it is necessary to chose the transmission code which has to suit the receivers.
All the others settings are described in the use manual of the Portable Loader.

3.1 SETTINGS IN THE TRANSMITTER

Insert the card given to the custode which presents "Transmitter settings card". Press the button (On) for at least two seconds; the display will switch on showing the type of version of the product. When the button is released, on the display the following appears:

Functions selection:
Set TX use mode

Now it is possible to press the buttons (+) or (-) to select the function to be modified and then press (OK) to modify it; if the button (C) is pressed, you come back to the functions selection.

3.1.1 Use mode setting: "Set TX use mode"

This function let select how to use the transmitter; if you chose NO the transmitter can be work without inserting any kind of card, if you select YES, it is necessary to insert a SHOOTER CARD to make the equipment work.

Card mode
=>NO YES

the button (-) selects NO, the button (+) selects YES; the symbol => stands for the just chosen function.
Press (OK) to confirm the selection. Now the card can be removed or another function can be available.

3.1.2 Transmitter code setting: "TX code set."

this function is useful when there are more transmitters one next to the other or when a new transmitter has to replace an old one.

You can accede directly to this function, pressing and keeping pressed the button (On) and then the buttons (+) or (-), as it is explained below.

■ - - ■ ON	[CODE]
- ■ ■ – OFF	9

Pressing the buttons (+) and (-) the black little squares shift from OFF to ON and the number which stands below (code) changes; the little squares correspond to the switches for the 8 Channels transmitter settings (see the respective using manual) and help selecting the desired code.
Press (OK) to confirm the selection. Now the card can be taken away or a new function can be selected. To combine the receivers, read the manual of the receivers.

3.1.3 Double buttons settings: "Imp. Tasti Doppi"

This function is useful when the transmitter works with the cards and allows to select which buttons control the two machines; in this way it subtracts the cost of two targets from the card.

Double buttons set
Tasto N° 1 ■

With the button (+) two targets are selected, while the button (-) selects only one target; press the button (OK) to confirm and move to next button. If you press the button (C), you come back to the previous button. After reaching the fiftienth button, you move to next function.

3.1.4 Contrast Regulation: "Set –CONTRAST-"

This function permits look at the display, in case the reading becomes too clear or too dark due to strong temperatures variations. Press (+) or (-) untill the visualization is optimal. Press the button (OK) to confirm the selection. Now the card can be taken away or a new function can be selected.

3.2 Transmitter type selection

The transmitter can be used with the hunting sport or with the skeet.
This change can be operated without the need of inserting a card: it is enough to press and keep pressed the button (Set) and then one of the selection buttons:

- Skeet Delay to enable the transmitter with the buttons for Pull, double e Mark with a random time which goes from 0 to 3 seconds.

- Skeet Direct to enable the transmitter with the buttons for Pull, double e Mark without any delay.

- Hunting to enable the numeric buttons from 1 to 15.

3.3 Visualization of the used credit

Insert the card given to the customers, which presents the "Cash" inscription. Pressing the button (On) for at least 2 seconds, the display will turn on showing the version of the product; when the button is released, on the display the following appears:

Tot.1	12,00
+/- = Tot.	**Res.**= OK

The number on the left shows the price code while the one on the right the total amount which has been detracted in the cards. Pressing the button (+) or (-) you can select another counter(1-4); pressing the button (OK) you reset the amount.

4. USE OF THE TRANSMITTER

To use the transmitter it is enough to press the button of the desired machine which ha sto release or press at the same time two buttons to make doubles. On account of the prevoius settings, the custode can find the following functioning modes:

4.1 Without card mode

Through this setting the transmitter can be used free, without the need of a card.

4.2 Target Card Mode

To use the transmitter with this setting, it is necessary to insert a shooter card with enough credit, each time you press a button the credit of a target will be detracted; if you press the button which has been previously selected for a double, the cost of two targets will be subtracted. When the credit is finished, pressing a button, on the display the following appears:

Credit>1	0,00
NOT SUFICIENT !	

If the button (ON) is pressed, after two seconds the customer will see the information about the credit left and the cost of the target:

Credit>1	5,00
1 Target=	0,50

4.3 Round Card Mode

To use the transmitter with this setting it is necessary to insert a shooter card with enough credit and press (ON) till you read the following:

Credit>1	15,00
Targets =	26

Automatically the cost of a round will be detracted and added to the existing targets for each round; now the transmitter is automatically turned off and the card can be removed.
You can add targets till you reach 6 rounds.
Now you can press the buttons that correspond to each machine: every time you press a button the credit of a target will be detracted; if you press the button which has been previously selected for a double, the cost of two targets will be subtracted.
When the credit is finished, pressing a button, on the display the following appears:

Targets =	0
INSUFICIENT !	

ATTENTION!
In case you insert a card to add a round when the targets left are less than five for each round, they are erased and you can dispose only of the targets of a round.

5. SOLUTIONS TO POSSIBLE PROBLEMS

Here follow some cases, where there can be found some problems in the functioning of the " 15 Channels Transmitter with Smartcard"; the customer can solve these problems by themselves:

Type of problem	Possible cause	Solution
The Transmitter does not turn on	Batteries blowoff	Replace the batteries
The Transmitter does not turn on	Display contrast hasn' t been set	Contrast Regulation (paragraph 3.1.4)
The Transmitter does not send information	Wrong settings	Check the proceedings at point 3

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

6. ELIMINATION OF THE PRODUCT

When you don't want to use the product "15 Channels Transmitter with Smart-card" and you want to eliminate it, you can make it inoperative, taking out the supply batteries.

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.

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

15 Channels Transmitter with Smart-card

Models: ***TXS15***

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.

Notes……

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