ELFIPA

AUTOMAZIONE TIRO A VOLO
REALIZZAZIONI ELETTRONICHE

Atlanta 1996

Sydney 2000

Display Timer / Flag

User Manual

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 " Display Timer / Flag " 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 "Display Timer / Flag";
- • Technical Features;
- • Elimination Instructions.

2.   FEATURES OF THE PRODUCT:

- The "Display Timer / Flag" is an equipment that let you control at distance the delayed shooters and exceeding the time penalty.

These Operating Instructions must be considered part of the product "Display Timer / Flag" and therefore must be kept for all the period in which the product works, in case you need them in the future.

2.1 Intended Use

The "Display Timer / Flag" is destined to be integrated to the sequencer for easy control of the time shooters.

There are no other uses for this product.

2.2 Dimensions and Weights

Le dimensioni totali dei due prodotti (non imballati) sono:

Width:	22 cm
Lenght:	34 cm
Height:	90 cm
Weight:	2,8 kg

2.3 Electronic Supply Data

The Interface is powered from the Sequencer with 16 Vac and the Viewer is powered with mains 240Vac through cable.

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 "Display Timer / Flag" 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% ▼ 20%.
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 for the Interface is IP 40 and the Viewer is IP 44.

2.1 Safety Directions

The "Display Timer / Flag" implies some risks and for them is absolutely necessary to pay attention to what follows:

- Before doing whatever cleaning operations or maintenance, disconnect the "Display Timer / Flag" from the electronic supply;

  - **Warning!** this is an A Class product. 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 "Display Timer / Flag" (for the Intended Use, go to paragraph 2.1 of this Manual);
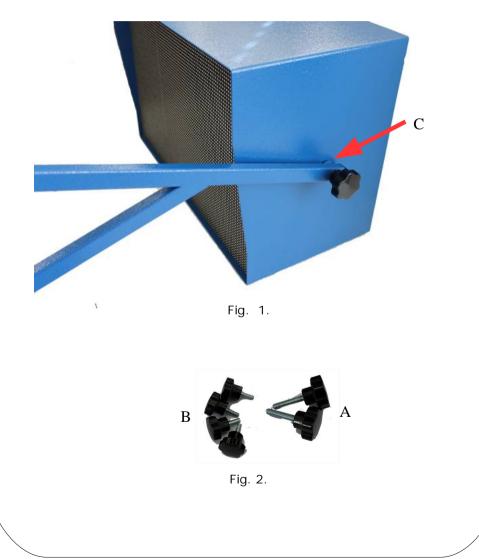   - Defects in the electronic supply;
    - Modifications or interventions not authorized and made by not skilled workers;
    - Non-observance (partial or total) of the Operating Instructions.

3.   INSTRUCTION FOR USE

3.1 Assembly

Place the Display on a table or on the floor, take one leg and fix it with a large knob (Fig.2 A), do not close completely; attention the 2 legs are different, they have a welded washer (c), make sure that the washer is inside.

Fig. 1.

Fig. 2.

Now the panel must be fixed between the two legs using the 4 small knobs (Fig.2 B) and close fully.

Fig. 3

At this point you can put the display upright, tilt it to the desired position and close the side knobs (A) fully.

Now you can connect the push-button panel and the power cable, turn on the switch and the display is ready for use.

Fig. 4

3.2   operation

Display operation depends on the type of push-button panel connected; there are various types of push-button panels, one for use as a timer, which can also be via radio, the other for use as flags.

3.2.1 Brightness adjustment.

Among the various push-button panels, there are common functions for adjusting the brightness of the display

Fig. 5

To adjust the brightness, press and hold the reset button (C), press button (A) repeatedly to increase the brightness or repeatedly press button (B), to decrease the brightness; once the desired brightness has been obtained, release the reset button; this setting remains memorized in the push-button panel, therefore at a subsequent use the brightness returns to the previously adjusted level.

3.2.2 Timer operation

Connect the push-button panel with the wording "Timer Control", press the "Reset" button to set the timer with the starting time.

The starting time can be adjusted similarly to the Brightness (3.2.1); press and hold the "Reset" button, press the "Start" button, to increase the time or press the "Lap" button on the right, to decrease the time (usually 12Sec. For the Olympic pit and 30 Sec. For the skeet).

To start the countdown, press the "start" button, now the time begins to decrease, dropped below 5 Sec. The Display changes color; press the "Stop" button to stop the time.

If you press the "Lap" button, during the count, the time indicated at that moment is stored, to start from the time stored with "Lap", simply press the "Start" button. To reset the timer, first press the "Stop" and then the "Reset".

3.2.2 Operation of Flags

Connect the pushbutton panel with the wording "Flag Control", press the "Reset" button to turn off the flags.
Operation with 1 or 2 flags can be selected in a similar way to Brightness (3.2.1); press and hold the "Reset" button, press the right button to set 2 flags or press the right red button to set a flag.

With two flags, press the relevant left or right keys to light the relative flag.
To turn off the flags, press the "Reset" button.

4. ELIMINATION OF THE PRODUCT

When you decide to use no-more the product "Display Timer / Flag" and so you want to eliminate it, it' suitable to make it inoperative, disconnecting from the supply circuit and other connection.

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 ϵ

Firm **ELFIPA S.n.c.**
Piazza XXIV Maggio, **6**
31040 Gorgo al Monticano (TV)
Declares under its own responsibility that:

the Product

Display Timer / Flags

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.

Note..........

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