

SG11

OWNER'S MANUAL



SG

Introduction

The SG11 is a simple 3 weapon machine that meets all of the F.I.E. regulations. It is very easy to use and transport. It comes with a wall-plug 0.5A power supply and a plastic case.

DATA SHEET

Fencing functions

- F.I.E.regulations three-weapon scoring machine.
- Can be directly reprogrammed on board to latest F.I.E. regulations.
- Antifraud yellow lights.
- Whip-over blockage in the sabre.
- Use of rounded LED matrices for signal lights for maximum vision on the sides.

Family of peripherals

- 2 DIN plugs for connection to external repeaters.
- 1 DIN plug for changing the weapon at a distance.

GENERAL PRESENTATION

Lights:

The lights are implemented through a novel use of a rounded flexible LED matrix. This affords maximum visibility especially when looking at the machine from the sides of the strip.

The LEDs are bicolor LEDs. They can signal either a valid hit or a non valid hit.



The lights used in foil and sabre to indicate antiblocking antifraud lights are located at the top of the LED displays. These lights signal a short between the fencer's weapon and his vest.



The lights used in the sabre to indicate an anomaly are located at the bottom of the displays.



Connectors:

Bottom Connectors (facing the machine and from left to right):

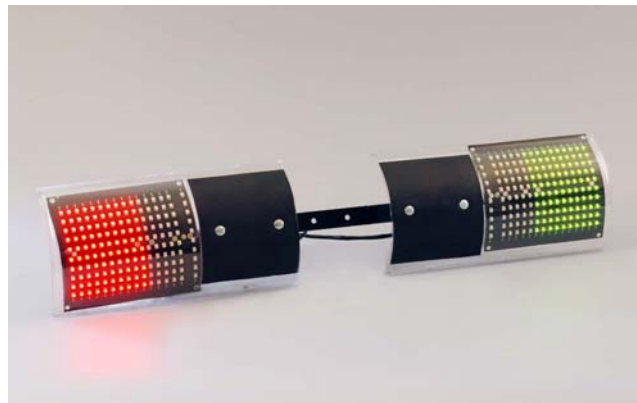
- Power plug.
- Weapon selection connector.
- Fencing connectors.
- 2 DIN plugs for connection to external lamp repeaters.



PERIPHERALS

External Lamp Repeaters:

Fencing Technologies provides several models of LED repeaters. They are distinguished according to the number of LEDs or their density. For more information, consult us. These repeater can be horizontal or vertical.



GUARANTEE

The SG12 is guaranteed, parts and labour, for one year, from date of purchase, attested by invoice. **Transport costs are always charged to the customer even if the machine is under warranty.**

"Long term" guarantee

At the expiration of the guarantee period, the user may subscribe, if he so wishes, to an annual maintenance contract for a period of two years and for a modest price.

After sales service: change in F.I.E. norms

This scoring apparatus may be reprogrammed by the manufacturer to meet any modifications in F.I.E. rules. The machine comes with a 2 year reprogramming guarantee.

N.B. The guarantee does not cover the following incidents due to faulty use of the machine:

- repair work performed by anyone non-accredited by the manufacturer
- dropping and breaking of case
- malfunction caused by plugging the apparatus into a power supply other than the one provided by the manufacturer
- plugging the apparatus into a defective electric network.
- guarantee doesn't cover the power supply that we do not manufacture. If this power supply should become faulty, purchase a new power supply will become mandatory.

Precautions in use

The machine must be used exclusively with the power supply delivered by the manufacturer. THE POWER SUPPLY IS THE ONLY ITEM NOT UNDER WARRANTY.

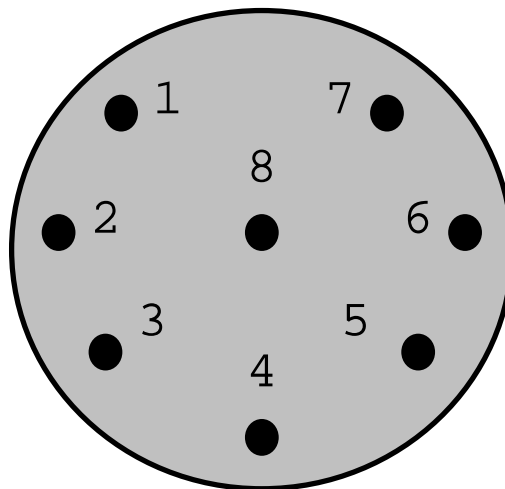
Annex 1

D.I.N. CONNECTOR TO EXTERNAL LAMPS

Although the D.I.N. pins are **protected against short circuits**, it is not advised to prolong connections with faulty cables or with inappropriate external lamps as this may damage the machine.

We can supply proper cables, external lamps or adaptors for connection to the equipment of other manufacturers.

Back view of the D.I.N. plug



1. Yellow lamp on red side (left)
2. White lamp on red side (left)
3. Red lamp (left)
4. 12V
5. Green (right)
6. White lamp on green side (right)
7. Yellow lamp on green side (right)
8. Sound

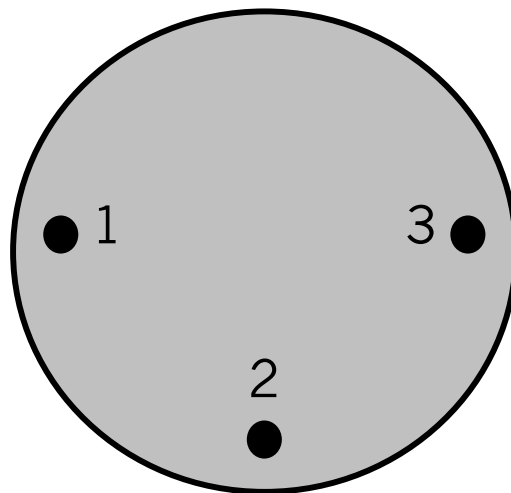
Annex 2

D.I.N. CONNECTOR FOR REMOTE WEAPON CHANGE

The 3 pin DIN plug is used to change the weapon at a distance through a simple cable connected to a remote push button. **Simply connect the push button to pins 1 and 3 of the DIN plug.**

The remote pushbutton will duplicate the weapon selection button on the front panel of the machine.

Back view of the D.I.N. plug



1. Weapon switch
2. Not connected
3. GND