FA-07 (Art.940)

Multifunctional Fencing Apparatus with scorer, chronometer, match counter, red and yellow cards, etc

• **Apparatus for 3 weapons, F.I.E. approved,** also suitable for **high level competitions**.

• **Very reasonable price**, making it interesting for all fencing clubs. Now everyone can smarten up their club and make use of this amazing signaling apparatus!

• **Information visually displayed in various colours** for clearer reading and a better visual impact. Although large digits are used, the FA-07 remains moderate in size (55x35cm), allowing it to be easily transported in the carrying case provided.

• **Scorer**: height of the digits 13cm, legible over 55m.
• **Chronometer** and **Match Counter**: height of digits 9cm, legible over 35m.
• **Red, Green, and White lights signaling hits:** brightly lit, legible at 180° as the lights protrude from the front panel.
• **Red and yellow cards, priority and lights signalling faults**: visible over 25m.

• The **back-lit graphic display panel** can simultaneously visualize all information: selected weapon, names and nationalities of the fencers (if the competition is operated on-line), power supply voltage, sound volume, etc. The information is displayed in 5 languages.

• **Use of highly efficient LEDs which greatly reduce energy consumption** (typical 0.5A), facilitating the apparatus to be battery powered; the battery listed in the catalogue, art. 828, enables the uninterrupted use of the FA-07 for 10-12 hours, while a 70Ah car battery lasts 120 hours.

• Sturdy infrared **REMOTE CONTROL** provided, which can also be connected via cable, as required on high level competitions: infrared rays are effective at a distance of over 20m; lithium-ion battery can be recharged with the cable provided. Charge lasts about 300 competition hours. Useful indicators: low battery signal, battery recharging signal, transmission key. Remote control operated functions: chronometer, hits, matches, red and yellow cards, priority, change of weapon, change of fencers' position, management of on-line matches, etc.

• **ETHERNET port**. The FA-07 is the first fencing apparatus equipped with an Ethernet port connection. It provides two extremely useful functions: 1) a **LAN connection** which allows for easy management of a competition (see chapter 6 of the PDF document "FA-07 Users' Handbook"); 2) the possibility to **update the FA-07 software via a computer**, which saves receiving and inserting components into the apparatus due to changes in rules.

• **Two Rs422 ports** for sending all FA-07 data to external data gathering, visualization, and Video-refereeing systems, and for TV-Superimpositions. **Three "Serial Data" ports** to communicate with other FA-07s and other Favero Electronic Design devices. All the 5 ports are opto-isolated to protect fencers from dangerous high voltages.

• **REPEATER function**. Several FA-07s can be connected in a cascade configuration: the first one works as a piste apparatus and the others as repeaters. Connections can be made with regular, easily available and implemented, 4-wire telephone cables, which can be as long as 100m. Those provided are 15m and 2.5m in length. It is also possible to **invert the displayed information** on an FA-07 repeater so that, when placing two FA-07 apparatuses back to back, a 360° visualisation can be obtained with all information and lights appearing on the same side.

• **Transparent shock-resistant front piece**, and sturdy metallic case.
• **Protected against errors in power supply voltage** (if too high the FA-07 will not switch on) .
• **Sound volume can be adjusted** from zero (off) to 3 (max).
• **Different sounds** distinguish the sound of hits from those signalling end of chronometer time and those signalling faults.
• **Changing of fencers' position.**
• Can work in **Épée-Training** mode, to signal a quick succession of hits.
• Possibility to enable **automatic counting of épée hits.**
• **10-minute pause button** for dealing with any medical interventions.
• Automatic recognition of the **"STM-Wireless" system**, which can be connected via the appropriate connector.
• Prearranged for attaching and **connecting Towers Lights** (not included).

• **ACCESSORIES PROVIDED**: 90-264V/12Vdc power supply unit, remote control, carrying case, 15m and 2.5m cables for connecting to repeaters, 10m and 1.3m for connecting to remote control and for

Art.940
FA-07 with remote control, power supply and carrying case
Size: 60x40x13,5cm. - Weight: 8.1kg.

Art.952
TELE-IR FA-07 infrared remote control
Spare part
Size: 14,3x5x2,3cm. - Weight: 0.19kg.

Art.945
Pair of 360° Towers Lights for FA-07
We recommend purchase of the carrying case (art.948).
Size: 2pz 54x12,5x11cm. - Weight: 1.5kg.

Art.954
Power supply unit, 90-264V/12Vdc 2.5A, medical
Weight: 0.34kg.

Art.944
Tabletop stand for FA-07, 96cm high
We recommend purchase of the carrying case (art.948).
Size: 2pz 55x8,5x3cm. - Weight: 2.8kg.

Art.948
Carrying case for Towers Lights and Tabletop stand for FA-07
It can also hold the battery (art.828) and battery charger (art.829)
Size: 60x40x13,5cm. - Weight: 3.8kg.

Art.828
RECHARGEABLE BATTERY 12V/7Ah with connectors
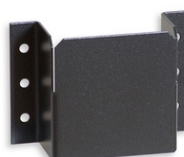Size: 15.5x12.5x9cm. - Weight: 2.7kg.

Art.169
BATTERY CHARGER 100-240V/13,8Vdc 1,5A
For battery art.828
Weight: 0.32kg.

Art.940-06
Wall mount stand for FA-07
Size: 11,5x8x4,2cm. - Weight: 0,2kg.

recharging the remote control battery.

• Size and weight: 55x35cm, 8.1kg (carrying case, power supply unit, remote control and cables included).

• Power supply: 12Vdc (10.6-14.5Vdc), typically 0.5A, maximum 2.3A with towers lights connected and switched on. 90-264V/12V power supply unit included.

OPTIONAL ACCESSORIES (not included):
Art.944 Tabletop stand for FA-07, 96cm high
Art.945 Pair of 360° Towers Lights for FA-07
Art.948 Carrying case for Towers Lights & Tabletop Stand for FA-07
Art.828 Rechargeable Battery 12V/7Ah with connectors
Art.169 Battery charger for battery art.828
Art.940-06 Wall mont stand for FA-07