

## Electronic Scoreboards, FS-120, FS-120N (Art.240, Art.240N)

Electronic scoreboard for sport palaces and school gyms and college gyms.

**Art.240: FS-120** - version with fixed words: HOME-GUEST

**Art.240N: FS-120N** - version with team-names programmable, FIBA approved

Ideal for: Basketball, Volleyball, 5-a-Side Football (Futsal), Waterpolo, Tennis, etc..

### Functions displayed:

**Game time:** [00:00 - 99:59], digits 30cm high.

**Team scores:** [0-199], digits 30cm high.

**Period:** [0-9], digit 30cm high.

**Team fouls / Sets won:** [0-9], digits 30cm high.

**Red square for basketball:** in accordance with the last FIBA rules.

**Bonus:** [1 light indicator per team], 8cm diameter.

**Timeout:** [3 light indicators per team], 8cm diameter.

**Possession/Service/Turn:** [indicator arrows].

**Team-names programmable:** only for FS-120N model (Art.240N), 8 characters per team, 15.5cm high.

### Technical characteristics:

- **Dimensions:** 200x180x9cm.
- **Weight:** 60kg [FS-120], 66.5kg [FS-120N].
- **Distance and readability angle:** 130m (425ft), 150 degrees. For the FS-120N model, team-names readable up to 90m (295ft).
- **F.I.B.A. homologation for FS-120N model** ([info](#), [FIBA certificate](#)). It can be used together with other models for creating large scoreboards displaying various information ([info](#)).
- **No front protection cover required.** Complies with DIN 18032-3 and UNI 9554:1989 standards on "resistance to damage from balls." You save on the cost of a protective cover, visibility is completely preserved, and access to the scoreboard is easy. [YouTube video](#)
- **Game timer.** Using the Control Console (see ACCESSORIES) you can choose different operation modes depending on the sport selected: game and interval time, count back or forward, display last minute tenths of a second, display time of day, etc..
- **The horn** can be sounded manually or automatically when the time expires, producing a strong acoustic signal (120dB at 1m) with adjustable duration and intensity.
- **Shipping is cheap and fast.** The scoreboard is especially designed to be taken apart into smaller modules that are easy to assemble. This allows it to be shipped via all major couriers at a low cost and with faster delivery times to all countries.
- **Easy to install.** Technical instructions in 5 languages. Provided with bolts and brackets for wall mounting.
- For the FS-120 model **selection of words** to chose from when ordering: HOME-GUEST, LOCALI-OSPITI, LOCALES-VISITANTES, LOCAUX-VISITEURS, HEIM-GÄSTE.
- **Robust container** made from powder-coated aluminum. Front panel made from anti-glare polycarbonate.
- **Supplied with serial cable** to connect to the Control console, 50m long or chose from different lengths when ordering. Alternatively, a Radio Receiver is available (art.265-20) that allows you to save on the cable costs installation (see ACCESSORIES).
- **Views are easily accessible** from the front, built with high-quality, wide-angle SMD LEDs with an average life of 100,000 hours!
- **Anti-moisture coating** of the electronic boards, mandatory for swimming-pool and ice-rink installations. Please specify this option when ordering.
- **Guarantee:** 2 years ([info](#)).
- **Power supply:** 100-240Vac, 50-60Hz, 210VA [FS-120] / 260VA [FS-120N]. Select the type of plug for the power supply cord when ordering.

### ACCESSORIES (not included):

#### • Scoreboard Control Console: **Art.308-01 Console-700**

User-friendly multisport touchscreen console for FC, FS, FW, TM, FOS series electronic scoreboards. Wireless or wired communication. 14-hour average life internal battery.

• **FS2 Radio Receiver for FS scoreboards (art.265-20).** Receives via radio the data transmitted by the control console and distributes the signal to one or more scoreboards via cable. Reliable wireless communication: by 2.4GHz FHSS (Frequency Hopping Spread Spectrum) radio transmission to avoid interferences. The use of a wireless system reduces costs by eliminating the need of a cable connection between console and scoreboards. >> [Radio Receiver installation manual](#)

• **Statistics panels (Side Displays) ... >> [Link](#).** To show player fouls, points, numbers and names.

• **24 seconds or 30 seconds Shot Clocks ... >> [Link](#)**

Additional scoreboards in various versions to display the



Art.240

**FS-120 Multi-sport scoreboard**  
Size: 200x180x9cm. - Weight: 60kg.



Art.240N

**FS-120N Multi-sport scoreboard with programmable team-names FIBA approved.**  
Size: 200x180x9cm. - Weight: 66,5kg.



Art.265-20

**FS2 Radio Receiver for FS-series scoreboards**  
Size: 23x13x7cm. - Weight: 1,04kg.



Art.308-01

**Console-700, multisport console with 7 touchscreen display**  
Size: 24.5x17x8.5cm. - Weight: 1.35kg.



Art.308-10

**Case-700, carrying case for Console-700**  
2014-05-22  
Size: 40x30x13.5cm. - Weight: 1.53kg.



Art.232-03

**Time-Console-03, additional console for chronometer and 24/14/30 second shot clock**  
Size: 12x8.2x2.5cm. - Weight: 0.32kg.

offense/possession time and game time.