

# Electronic Scoreboards FS-110, FS-110N (Art.238, Art.238N)

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

**Art.238: FS-110** - version with fixed words: HOME-GUEST

**Art.238N: FS-110N** - version with team-names programmable

**Ideal for: Basketball, Volleyball, 5-a-Side Football (Futsal), Handball, Waterpolo, Hockey, 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.

**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-110N model (Art.238N), 8 characters per team, 15.5cm high.

## Technical characteristics:

- **Dimensions:** 200x120x9cm.
- **Weight:** 41kg [FS-110], 48kg [FS-110N].
- **Distance and readability angle:** 130m (425ft), 150 degrees. For the FS-120N model, team-names readable up to 90m (295ft).
- **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-110 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!
- **Optional anti-moisture coating** of the electronic boards, recommended for swimming-pool and ice-rink installations. Please specify this option when ordering.
- It can be used together with other models for creating large scoreboards displaying various information ([info](#)).
- **Guarantee:** 2 years ([info](#)).
- **Power supply:** 100-240Vac, 50-60Hz, 185VA [FS-110] / 235VA [FS-110N]. 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](#)



Art.238

**FS-110 Multi-sport scoreboard**  
Size: 200x120x9cm. - Weight: 41kg.



Art.238N

**FS-110N Multi-sport scoreboard with programmable team-names**  
Size: 200x120x9cm. - Weight: 48kg.



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.

- **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 offense/possession time and game time.