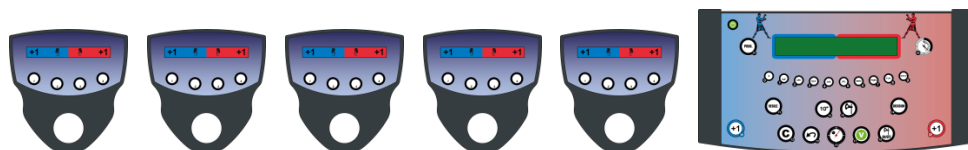
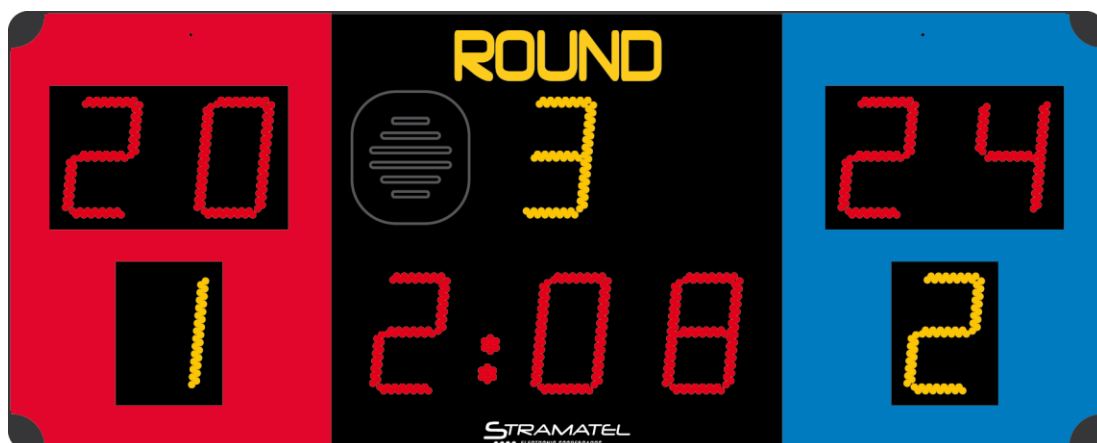


TECHNICAL DATA - INSTALLATION INSTRUCTIONS

Model CBB



● Recommendations

Thank you for choosing a STRAMATEL scoreboard!

We hope that you will be fully satisfied with our product. For any information, please do not hesitate to contact us.

In order to install the scoreboard set correctly, we recommend that the instructions indicated are followed correctly, and that the material supplied by STRAMATEL is used correctly without any alteration.

However, if extra information is required, please contact Stramatel technical service with the model reference and serial number (on the sticker under the control console).

Any alteration made to the equipment delivered may deteriorate it and result in the cancelling of the warranty.

Caution: Installation must be performed by qualified staff and must comply with IEC 364 and national wiring regulations.

● Technical data

Equipment for indoor use only. Use a soft dry cloth to clean the equipment (Never use water or other liquids – risk of electric shock).

Scoreboard

Class I equipment – Must be connected to earth.

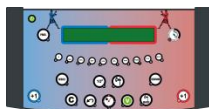
Dimensions	1500 x 600 x 90 mm
Weight	16 kg
Power supply	100-240V 50/60Hz 1,35-0,56A
Power consumed	135VA



Horn loudness (120dBa at 1m): ⚠ the high sound pressure can deteriorate hearing. Therefore, the spectators should be kept at a reasonable distance from the scoreboard. The horn is not equipped with the possibility to adjust the loudness of its sound. However, it is possible to dampen down the sound by replacing the grill in front of the horn by a full plate of the same dimension (180x160mm).

Main control console

Dimensions	340 x 175 x 60 mm
Weight	650 g



Power supply: the control console is powered by the scoreboard. It should only be connected to the STRAMATEL system supplied.

Judges' individual consoles

Dimensions	145 x 150 x 40 mm
Weight	180 g



Power supply: the consoles are powered by the scoreboard. They should only be connected to the STRAMATEL system supplied.

● Environment and recycling

Please help us to protect the environment by disposing of the packaging in accordance with the national regulations for waste processing.



Recycling of obsolete appliances: appliances with this label must not be disposed off with the general waste. They must be collected separately and disposed off according to local regulations.

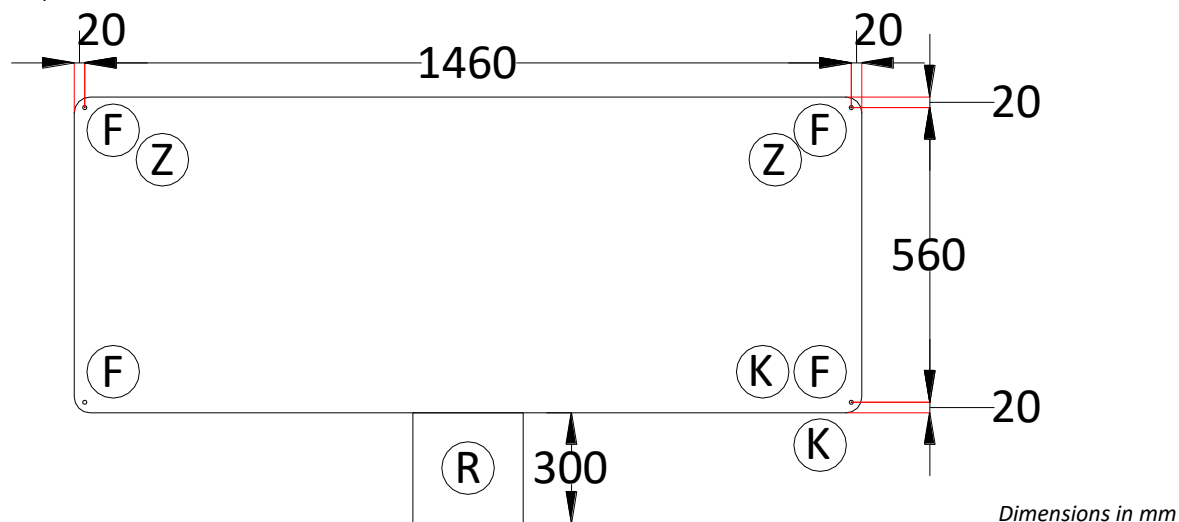
● Before installation

In no circumstances does installation require the scoreboard casing to be opened.

The electronic elements controlling the luminous display are mounted on extractable racks (R). In order to be able to carry out any maintenance, a clear space of at least 30 cm is necessary for the extraction of the racks. Attention: installation must be performed by qualified staff.

The mains cable can be taken out through the profile or at the back of the scoreboard (points K). In this last case, the mains cable must be connected in the scoreboard before being fixed (see chapter "Electrical installation" – "Mains cable").

Draw the position of the mounting points (F) onto the wall or onto the support frame following the measures of the diagram.
Put plugs or inserts for \varnothing 8 mm screws.



(Z): Holes for mounting or disassembling the front face in some maintenance cases.

● Scoreboard installation

In order to make installation easier, anchor points (I) are available on the top side of the scoreboard (insert holes in aluminium frame). Screw-rings, type M6x40 (not supplied) can be screwed into place in each hole.

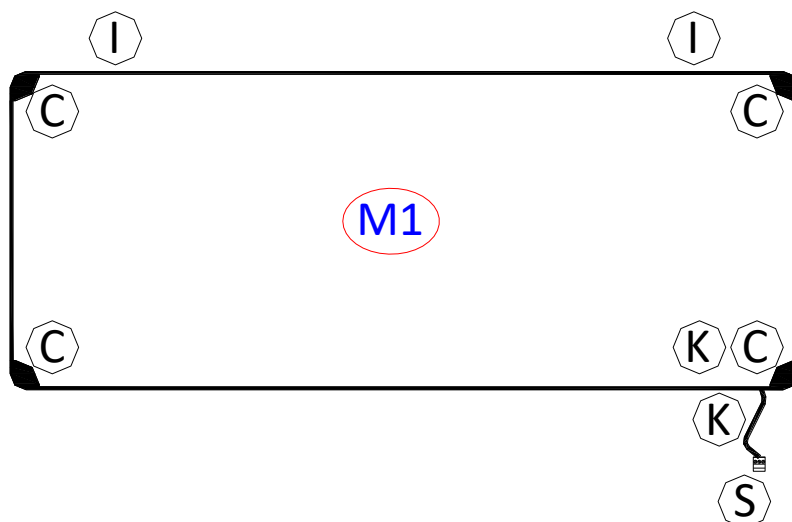
Please strictly follow the below instructions.

Unscrew and slide out the plastic corner shields (C) of the scoreboard.

Mains cable port: remove one of the grommets (K) of the module M1 and take the connector (S) out through the cable port.

If needed, connect the mains cable at the back of the module M1 (see chapter "Electrical installation" – "Mains cable").

Put the module M1 into place on the wall or on the support frame and screw in \varnothing 8 mm screws.



● Electrical installation

Caution: the scoreboard must not be connected to mains before installation has been fully completed.

Control cable and wall junction box

The transmission cable supplied is a telephone cable: type 2 pairs 6/10^{ths}.

Mount the wall junction box YBJ30 onto the wall close to the scoring table.

Connect the control cable (Q) on the connector (T) of the scoreboard making sure that the colour code is followed (Please note – RS485: Rx+ and Rx- must be connected on a twisted pair).

Fix the control cable into place making sure that it does not run along side the 100-240V mains cables.

Connect the end wires into the junction box YBJ30, making sure that the colour code is followed.

Mains cable (P)

Caution: only use the power cable provided. This cable is equipped with pre-wired plug; the wiring should not be modified.

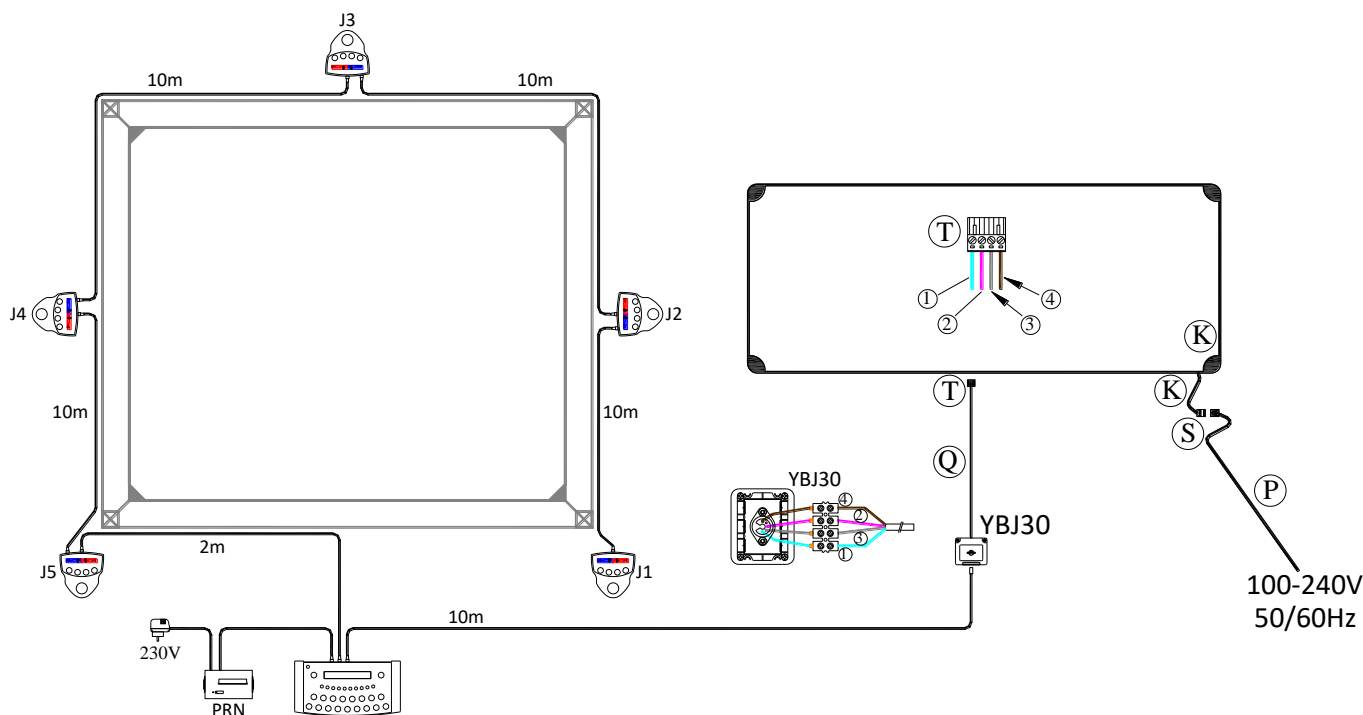
Two cable ports (K) are available for the mains cable: one in the profile of the scoreboard another one at the back.

Remove the grommet of the scoreboard, take the connector (S) out and connect the mains cable.

Put the connector (S) inside the scoreboard and put the grommet back into place.

Run and fix the mains cable (P) and connect it to 100-240V via a bipolar 4A circuit breaker (not supplied). Bipolar circuit breaker must be easy to reach.

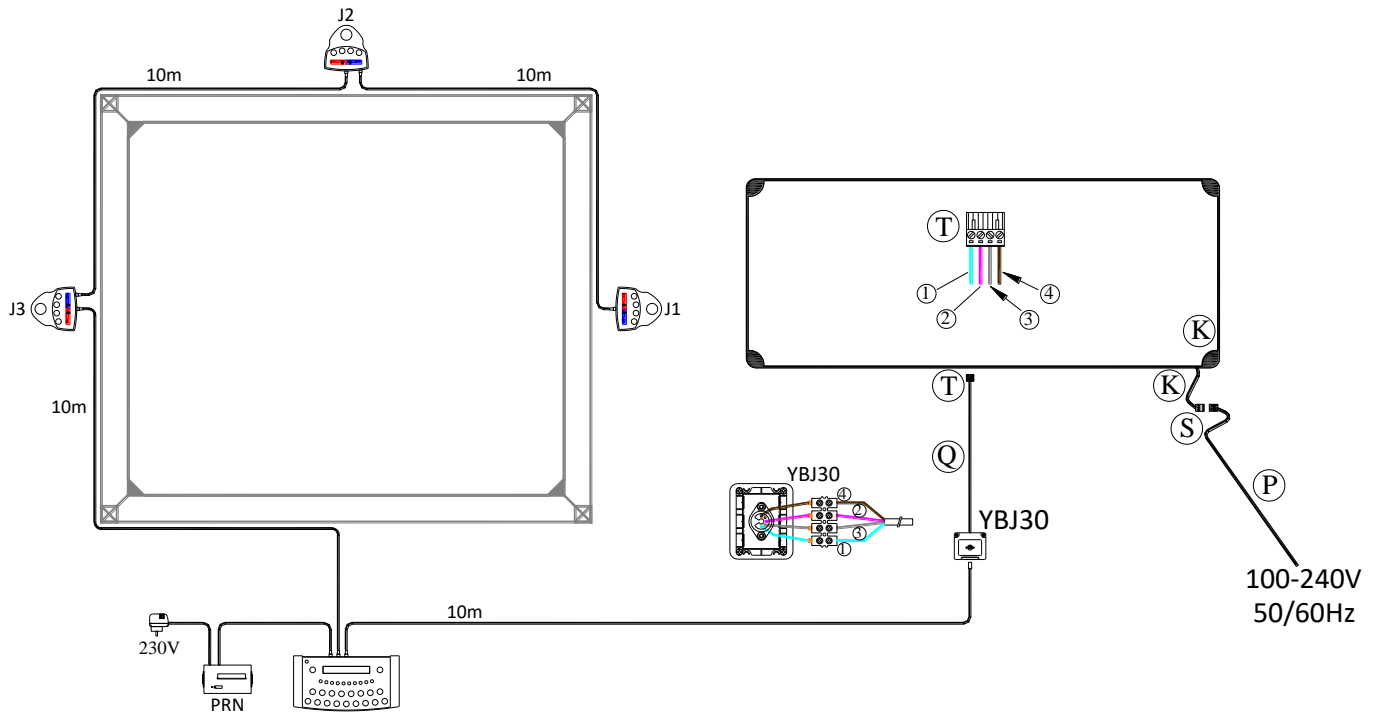
"5 judges" system configuration



Control cable (Q): (1) = GND = blue wire / (2) = Rx+ = white wire / (3) = Rx- = grey wire / (4) = +24V = transparent wire

● Electrical installation

"3 judges" system configuration



● End of the installation

Slide back and screw in each of the corner plastic shields.


Try out the scoreboard operating functions (see operating functions).



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