

# Score

# Implant

# Installation





REALIZZAZIONI ELETTRONICHE



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**REALIZZAZIONI ELETTRONICHE** 

## **STRUCTURE: BIG SCOREBOARD 1 MODULE**

1) Build a correct building that is able to sustain the weight of the scoreboard and also able to withstand to the wind.

2) It's better if the inferior part of the scoreboard has a height from ground of 180 cm, to be visible even if there are people in front of it.



3) To improve the sight when there is a high light environment, you have to build a coverage that sticks out of at least 1 m in the anterior part.



4) To assemble the scoreboard, the covers of closing have to be removed (they are provided joined together). To take them out, it's enough to take them from the handle. Now you can fix the scoreboards to the structure with the screws. To insert them the plastic panel mast dont be pierced, but only raised, without being damaged. When the scoreboard is placed in the structure, the connections can be executed.



### **STRUCTURE: BIG SCOREBOARD 2 MODULES**

1) Build a correct building that is able to sustain the weight of the scoreboard and also able to withstand to the wind.





2) It's better if the inferior part of the scoreboard has a height from ground of 180 cm, to be visible even if there are people in front of it.

3) The scoreboard is made of 2 parts. To have a correct sight, each elements were numbered before to make easy the build: standing in front of the scoreboard, the first on the left is (B1) and the last on the right is (B2) ( as you can see in the picture).

4) To better the sight when there is a high light environment, you have to build a coverage that sticks out of at least 1 m in the anterior part.

5) To assemble the scoreboard, the covers of closing have to be removed (they are provided joined together). To take them out, it's enough to take them from the handle. Now you can fix the scoreboards to the structure with the screws. To insert them the plastic panel mast dont be pierced, but only raised, without being damaged. When the scoreboard is placed in the structure, the connections can be executed.



## STRUCTURE: BIG SCOREBOARD 4 MODULES

1) Build a correct building that is able to sustain the weight of the scoreboard and also able to withstand to the wind.

2) It's better if the inferior part of the scoreboard has a height from ground of 180 cm, to be visible even if there are people in front of it.



# **CONNECTIONS:**



# REALIZZAZIONI ELETTRONICHE BIG SCOREBOARD 1 MODULE



 Now you have to plug the black cable N°4 with the part B, where you see the label "Local In", in the "Local In" connector (look at white arrow in the picture); in particular the brown wire goes where the signal is (In +) and the blue it's (In -).The black cable part A has to be plugged on the back of:

- the sequencer, if you don't have the video interface.

- the video interface, if you have the video interface, where you see the label "scoreboard".

Caution!!! Use this connection only if an external video interface is NOT present. Go to step 3.



2) After the **data cable n.5** implementation in the shooting range, you have to plug in the wires in the 3 pin + ground male connector and then plug it with the one which is already present inside the scoreboard and has the label **"Data cable to computer room"** (look at the yellow arrow in the picture).





3) The scoreboard consume is about 300 watt. It's better that the cable of feeding is at least 2,5 mmq (AWG 13) thick. As you can see in the picture, the cable that comes from the outside enters and it's connected to the clamps.

4) When you set all the connections, before closing the scoreboard, check all connections in the boards and the fixing screws because they could be pulled out, during the journey), without using the computer, you can see in the scoreboard the results of the round in course. The space for the names remains unused.

5) Now you can plug the power supply. To verify the correct functioning, check if the leds flash for some seconds when the scoreboard has been switched off; therefore the inscriptions <u>www.elfipa.it</u>. After that, the scores of the current serie start to appear.



## CONNECTIONS: BIG SCOREBOARD 4 MODULES

section (A1)



1) Plug the **black cable** N°4 with the part **B**, where you see the label "**Local In**", in the "**Local In**" connector (look at white arrow in the picture) ; in particular the brown wire goes where the signal is (In +) and the blue it's (In -). The **black cable** part **A** has to be plugged on the back of the sequencer in the video interface connector. Connect the **white cable**, where you can see the label "**Next Score**" in the "**Next Score**" connector (look at yellow arrow in the picture). The other part of the cable has to be plugged with the next scoreboard.

section (A2) and (A3)



2) In the two central sections (A2) and (A3) you have to plug in just the **white cables**: the one, which comes from the previous scoreboard with the label "**Local In**" on the "**Local In**" connector; the other, with the label "**Next Score**", connected to "**Next Score**" and which goes on the next (look at the arrows).

In this way, you realize a feed through.

### <u>section (A4)</u>





3) In this last section of the scoreboard you have just to plug in the last **white cable** with the label **"Local In"** in the **"Local In"** connector.

Now you have only to connect the power-supply of all the sections.

Section (A1)



4) The scoreboard consume is about 1200 watt. It's better that the cable of feeding is at least 2,5 mmq (AWG 13) thick. As you can see in the picture, the cable that comes from the outside is connected to the clamps and another (in parallel connected) goes into the next module (A2).

5)The section (A2) and (A3) are similar.

### Section (A4)





6) The power supply cable finishes in these clamps.



# **CONNECTIONS:**

Scoreboard



The appropriate cable is provided according to the equipment you have.





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