

## *Installation instructions and user manual*



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## I - Checking the received equipment

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The kit is made of: the ScoreLed display panel and the HF remote control.



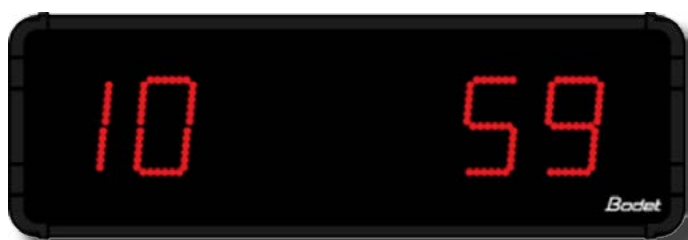
*ScoreLed display panel*



*Remote control*

## II - Overview of the product

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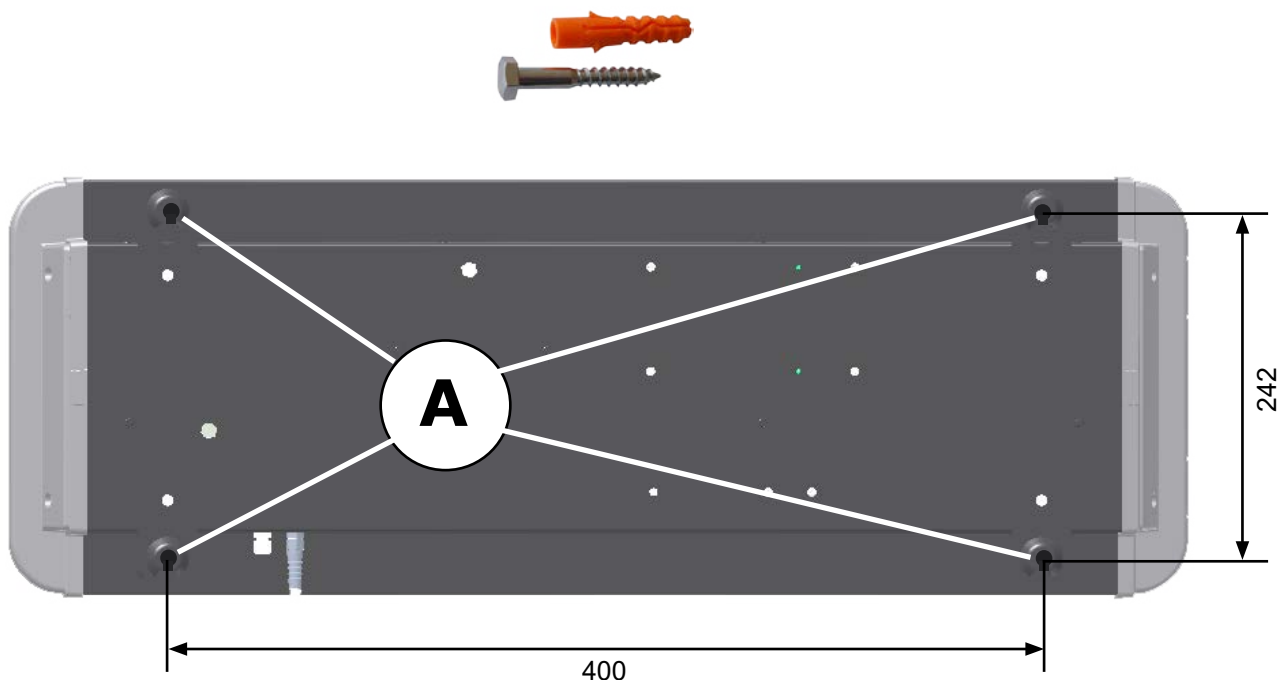
**Home and Guest Scores  
0 to 99 - red Leds**

*The maximum distance for the HF communication between the remote control and the scoreboard is 100 m in open space.*

### III - Wall mounting of the ScoreLed

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- 1/ Install the 4 screws  $\varnothing 6\text{mm}$  (not supplied by Bodet) and the appropriate anchors to the wall and slide the panel slotted holes (A) over the screws head.



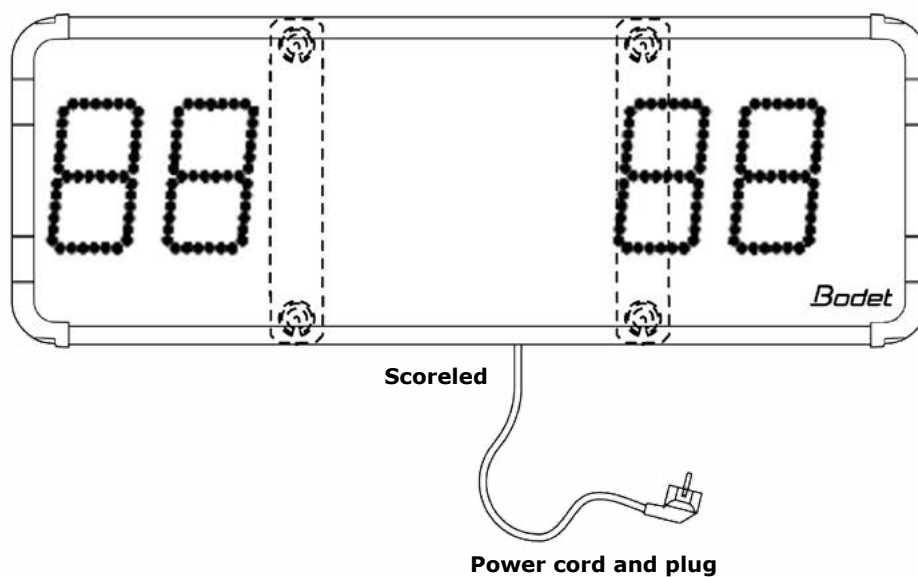
**Warning:** the installation and the maintenance of this equipment must be performed only by authorized personnel. The product gets its power from the mains 230 or 115V AC (the operating voltage selection is done on the 150W power supply). The installation must comply with the IEC 364 standard (NFC 15-100 for France).

A 16A circuit breaker, easily and rapidly accessible, must be installed in the supply line. The purpose of this breaker is to protect the equipment and personnel; it must be tripped off when maintenance is to be performed. The equipment is to be powered on only after the completion of the installation.

Any modification of the product shall void the warranty.

# IV - Electrical connection of the ScoreLed

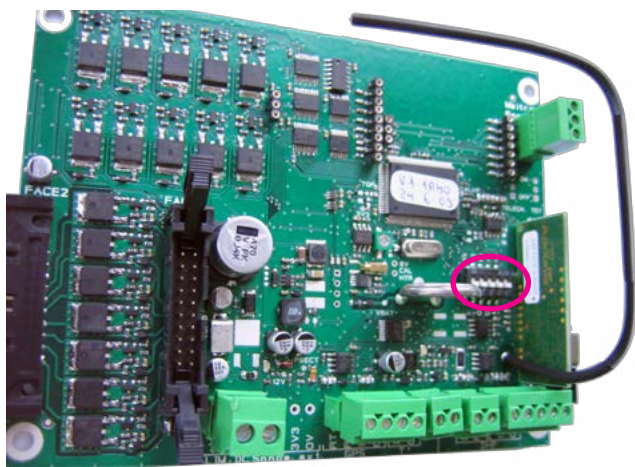
1/ Connect the power cord of the scoreboard to the 240V socket.



*Note: use an appropriate power cord for 115V Ac supply.*

## 5.1 Dips settings

The dips are set in the factory but it may be necessary to change the setting of dips 3 to 5 when several ScoreLeds are daisy chained.



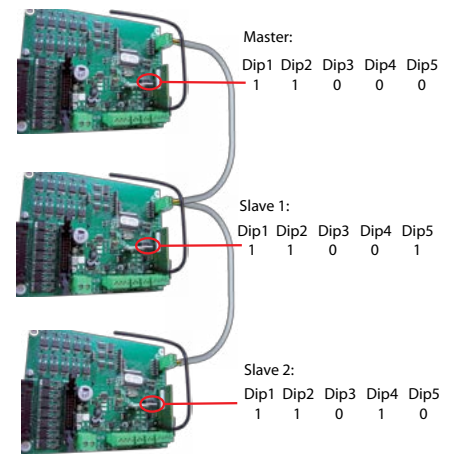
| Clock type | Dip 1 | Dip 2 |
|------------|-------|-------|
| Scoreled   | 1     | 1     |

| Clock type |         | Dip 3 | Dip 4 | Dip 5 |
|------------|---------|-------|-------|-------|
| MASTER     | /       | 0     | 0     | 0     |
| SLAVE      | slave 1 | 0     | 0     | 1     |
|            | slave 2 | 0     | 1     | 0     |
|            | slave 3 | 0     | 1     | 1     |
|            | slave 4 | 1     | 0     | 0     |
|            | slave 5 | 1     | 0     | 1     |
|            | slave 6 | 1     | 1     | 0     |
|            | slave 7 | 1     | 1     | 1     |

## 5.2 Multiple ScoreLeds

Up to 8 ScoreLed panels can be daisy chained.

- One ScoreLed is set as Master while the others are set as Slaves with the dipo (each slave panel must have a different number). See the dipo setting table on the previous page.
- Connect the cable on the connector of each ScoreLed. See illustration.



## 5.3 Pairing the HF remote control

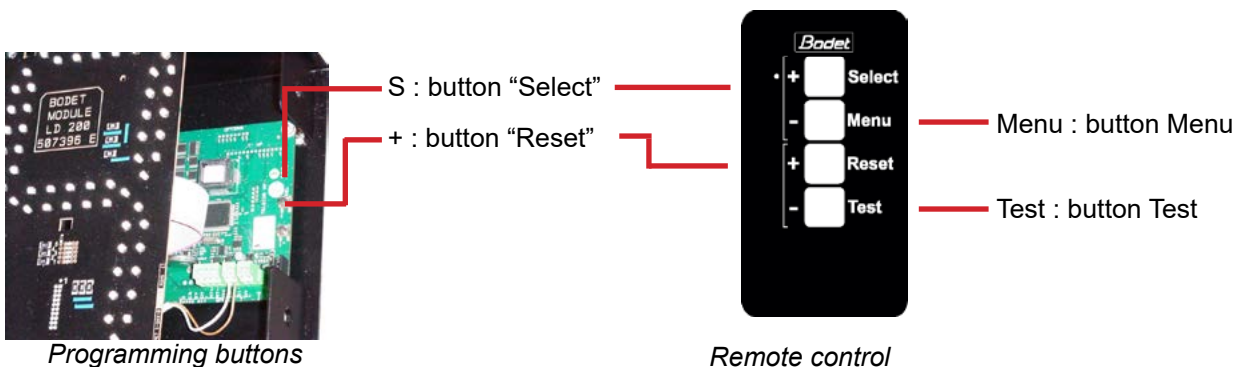
- 1- Turn off the power of the clock twice while the clock is displaying “Lo” in order to put the LoRa receiver in the “pairing mode”
- 2- Turn on the power again on the clock and press any key on the remote control unit several times during the first 15 seconds when the clock displays “Lo”, for example press 5 times the “Menu” key.
- 3- When the “Lo” display disappears check that the remote control is paired with the clock by pressing the key “Menu” to enter a menu

To pair several remote control units or in case of failure repeat rigorously the steps 1, 2 and 3 of the above procedure.  
Nota: every time a clock is turned on, the already paired remote control unit is inactive during the first 15 seconds of the “Lo” display.

## V - Parameter setting menu

To set the parameters of a ScoreLed, use either the 2 buttons inside the ScoreLed or the remote control. To access the ScoreLed buttons the right side of the panel must be removed.

*Warning: do not introduce any metallic objects inside the ScoreLed in order to avoid any short-circuits on the electronic card.*



### **Button [Select] (only inside the ScoreLed)**

- Press to access the programming menu.
- While in a menu, press to exit the menu.
- Press once briefly to validate either the menu or the parameter previously selected.

### **Button [Select/+ ] (only on HF remote control)**

- Press once briefly to validate either the menu or the parameter previously selected.
- While in score mode, press once to increment the score of the home team.

### **Button [Reset/+]**

- Press once briefly to select the menu or the next parameter.
- While in score mode, press once to increment the score of the guest team.

### **Button [Menu/-]**

- Press to directly access the programming menu.
- While in score mode, press once to decrement the score of the home team.
- While in a menu, press once briefly to exit the menu.

### **Button [Test/-] (called the test button)**

- Press for 1.5 sec makes it possible to do a display test and to display the version number of the software
- While in score mode, press once to decrement the score of the home team.

## General information on the card and remote control buttons

- While setting the parameters, if no button is pressed during 30 sec, the menu is exited without validation of the modified parameter. A parameter can be validated only by pressing the [Select] button.

**Important: In the event of a power failure on the display panel, do not use the remote control for 30 seconds (the time the system initializes). Otherwise (press for 30 seconds) the programming of the remote control will be lost!**

### 5.1 Setting luminosity

1. Get into the setting luminosity : press for 1,5 sec
2. The luminosity value blinks (from M1 to M9 and then from A1 to A3).  
Press [Reset/+] to edit. The values A1 to A3 are automatic luminosity adjustment values (the luminosity of the Ledsc varies according to ambient light).  
The values M1 to M9 are manual adjustment values (the luminosity of the Ledsc does not change regardless of the ambient light)

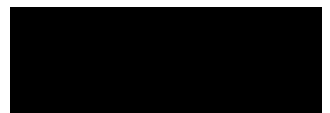


**The luminosity of the display is modified in real time and each side of a double sided Scoreled is managed independently.**

3. Press [Select] to validate the luminosity adjustment.

### 5.2 TEST menu

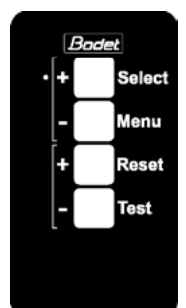
1. Enter TEST mode:
  - Press the [Menu/-] button for 1.5 seconds (access to the brightness adjustment menu).
  - Press the [Menu/-] button for 1.5 seconds (access to TEST mode)
2. The modules are turned off. Press [Select].
3. The modules turn off, the table must be black.  
Press the [Select/+] key.
4. Display the address of each module (the module 3 dots remains off).  
Press [Select/+] to validate.
5. Display of Scoreled software version
6. Press [Select/+] or [Test/-] to go back to normal mode.



### 5.2 SCORE menu

When the display is at rest:

1. Press [Select/+] to increment by 1 the Home score.
2. Press [Menu/-] to decrement by 1 the home score. If the score is 0 pressing [Menu/-] passes the home score to black.
3. Press [Reset/+] to increment by 1 the Guest score.
4. Press [Test/-] to decrement by 1 the Guest score. If the score is 0 pressing [Test/-] passes the guest score to black.
5. Pressing [Reset/+] for several seconds reset all the scores to 0.



## VI - Technical characteristics

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| Designation                                | Characteristics  |
|--|--|
| Power supply                               | 115V-230VAC ; 0,3-0,15A  |
| Mains power supply system                  | TT, TN or IT   |
| electrical insulation                      | Classe I   |
| Mains terminals                            | 3 terminals E, N and L (0,75 to 2,5mm <sup>2</sup> )                                     |
| Time base accuracy                         | ≤ 0,2 sec/day  |
| Frequency / remote control coverage        | 433 MHz / 100 metres maxi (direct view)  |
| Cable glands dimensions                    | Mains: M23 for cable OD from 10 to 14 mm<br>Repeater: M20 - for cable OD from 7 to 10 mm |
| Parameter storing in case of power failure | Permanent  |
| Operating temperature range                | -20°C to +50°C   |
| Protection index                           | IP 54 / IK 07  |