



BTX6015



BTX6015 XTrem

BASKETBALL 3x3



BTX6015 Basket 3x3

MULTISPORT



BTX6025 MS



BTX6125 MS

ICE HOCKEY & HOCKEY SPORTS



BTX6125 HK



BTX6425 HK

WATER POLO



BTX6120 WP



BTX6220 WP

Installation manual



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Réf.: 6080011

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**Note:** the scoreboards listed in the 3x3 basketball, multi-sports, ice hockey & field hockey and water polo sections are controlled from the Scorepad console. To access the test mode and the technician menu, refer to the Scorepad console manuals

# 1. Electrical and mechanical safety standards

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Since BTX6000 scoreboards are connected to a 110/240VAC supply, they must be installed in compliance with standard IEC 364.

Indoor use (protected against mechanical shocks according to DIN18032.3 Standard).

The installation must be completed before the equipment can be powered up.

It is prohibited and dangerous to immerse the scoreboard in to water or clean it with a water jet.

Bodet shall not be held responsible for any use not in compliance with these instructions.

Any modification to the product shall void the warranty.

# 2. BTX6015 with POCKET keyboard (ref. 915795)

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## 2.1 Checking the equipment upon reception

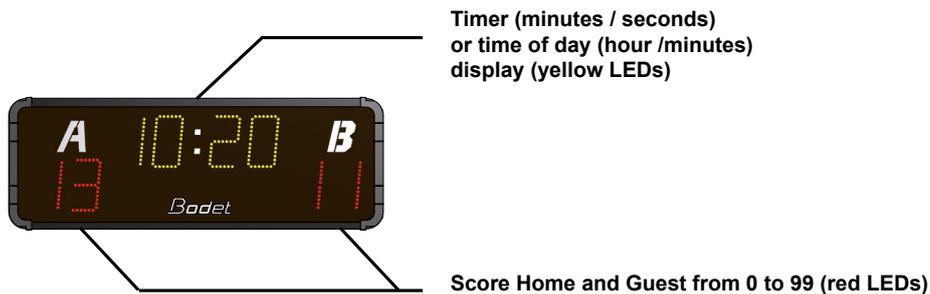
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The kit contains the display panel BTX6015 and the Pocket keyboard.



## 2.2 Overall presentation of the product

---

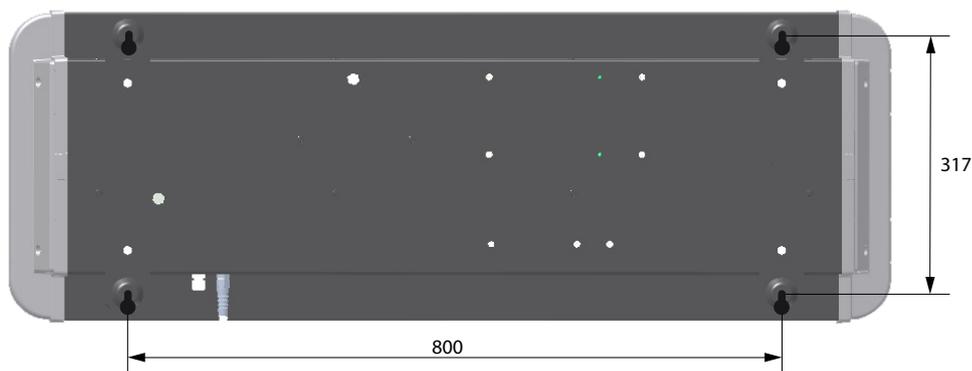


**IMPORTANT :** The maximum distance for HF communication between the keyboard and the panel is 100 metres in line of sight.

## 2.3 Wall mounting

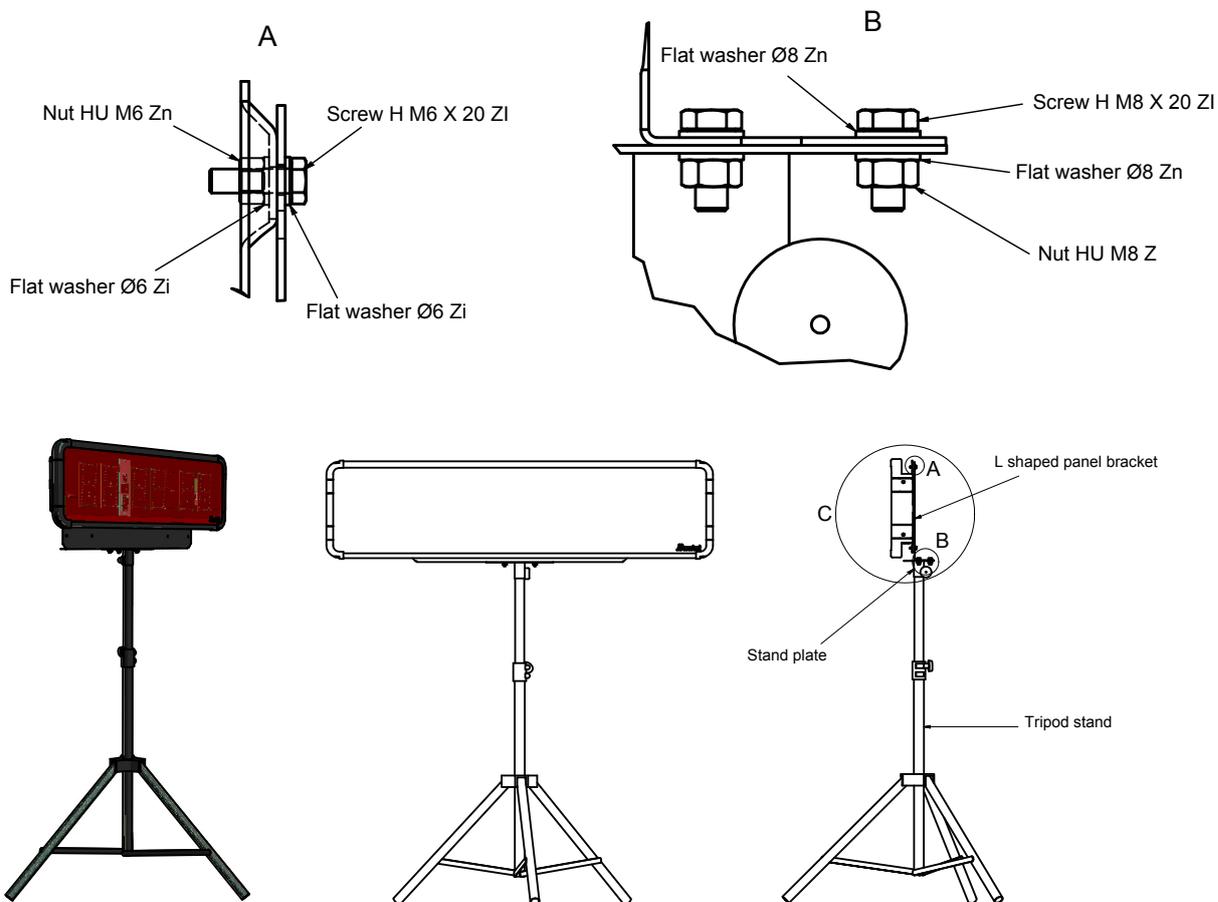
---

Install the panel to the wall with 4 screws  $\varnothing 6\text{mm}$  (not supplied) and 4 matching wall anchors using the 4 teardrop shaped holes.



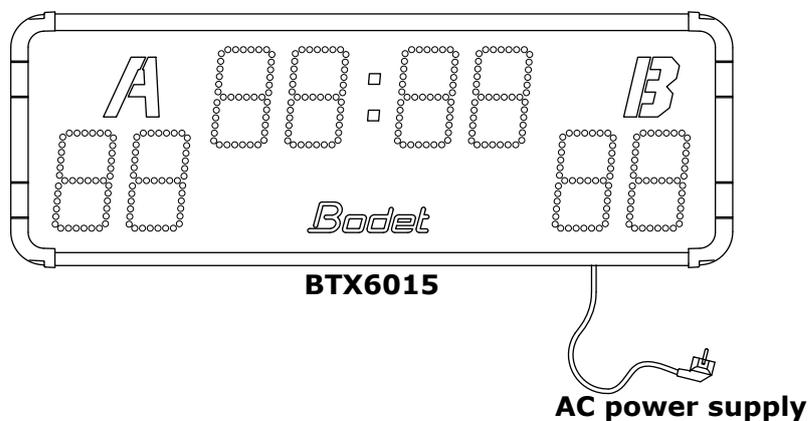
## 2.4 Mounting on the tripod stand

- 1/ Mount the L shaped panel bracket on the stand plate with the 4 supplied screws as in illustration B.
- 2/ Mount the display panel on the L shaped bracket with the 4 supplied screws as in illustration A.



## 2.5 Electrical connections

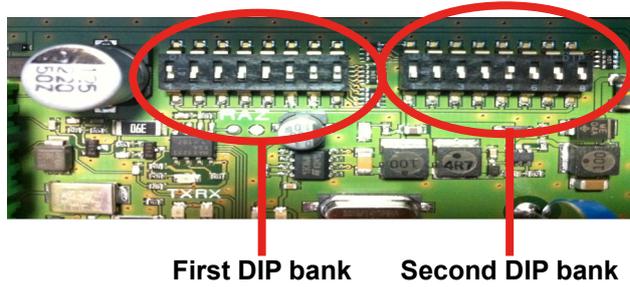
Connect the 110/240V AC power plug of the display panel to the wall socket.



## 2.6 DIPs settings

### Panel card

Open the panel by unscrewing the two screws on one side of the scoreboard and then slide the glass, taking care not to damage the LEDs on the display.



#### On the first DIP bank

Dips 1 to 4 are used for the factory setting of the panel.

Out of the factory the dips are set as follow :

Dip 1	Dip 2	Dip 3	Dip 4
on ↑ 	off ↓ 	off ↓ 	off ↓ 

Dips 5 to 7 are used to set the panel number (if several panels are to be controlled on the same site, each panel needs to have its own number).

Dips 8 is not used.

Panel number	Dip 5	Dip 6	Dip 7
1	off ↓ 	on ↑ 	on ↑ 
2	on ↑ 	off ↓ 	on ↑ 
3	off ↓ 	off ↓ 	on ↑ 
4	on ↑ 	on ↑ 	off ↓ 
5	off ↓ 	on ↑ 	off ↓ 
6	on ↑ 	off ↓ 	off ↓ 

#### On the second DIP bank

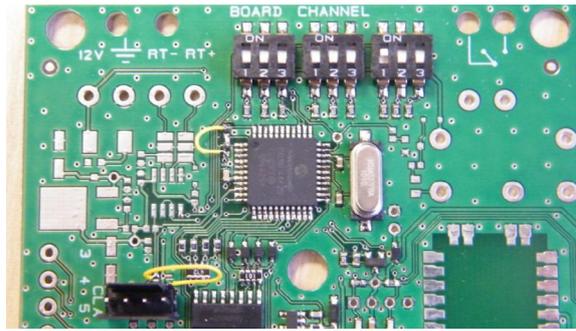
Dips 1 to 3 are used to determined the installation number.

Dips 4 to 8 are not used.

Installation number	Dip 1	Dip 2	Dip 3
1	off ↓ 	on ↑ 	on ↑ 
2	on ↑ 	off ↓ 	on ↑ 
3	off ↓ 	off ↓ 	on ↑ 
4	on ↑ 	on ↑ 	off ↓ 
5	off ↓ 	on ↑ 	off ↓ 
6	on ↑ 	off ↓ 	off ↓ 

## Keyboard card

Open the console by unfastening the 4 screws on the back.



### On SW1

Dips 1 to 3 used to set the number of the panel to control.

### On SW2

Dips 1 to 3 used to set the operating channel number.

### On SW3

Dips 1 to 3 used to set the operating installation number.

*Nota : the Pocket keyboard is set by default to Panel 1, Channel 1 and installation 1.*

Panel number	Dip 1	Dip 2	Dip 3
Panel 1	off ↓	off ↓	on ↑
Panel 2	off ↓	on ↑	off ↓
Panel 3	off ↓	on ↑	on ↑
Panel 4	on ↑	off ↓	off ↓
Panel 5	on ↑	off ↓	on ↑
Panel 6	on ↑	on ↑	off ↓

Channel number	Dip 1	Dip 2	Dip 3
Channel 1	off ↓	off ↓	on ↑
Channel 2	off ↓	on ↑	off ↓
Channel 3	off ↓	on ↑	on ↑
Channel 4	on ↑	off ↓	off ↓
Channel 5	on ↑	off ↓	on ↑
Channel 6	on ↑	on ↑	off ↓

Installation number	Dip 1	Dip 2	Dip 3
Installation 1	off ↓	off ↓	on ↑
Installation 2	off ↓	on ↑	off ↓
Installation 3	off ↓	on ↑	on ↑
Installation 4	on ↑	off ↓	off ↓
Installation 5	on ↑	off ↓	on ↑
Installation 6	on ↑	on ↑	off ↓

## 2.7 Test mode

---

Select the time of day mode by pressing the OFF (2) key.

Press the RESET (5) key for 3 seconds.

The test mode performs to following operations:

- 1/ Display of the program version number.
- 2/ Test of the cabling.
- 3/ Test of each module.
- 4/ All LEDs ON.
- 5/ All LEDs OFF.
- 6/ Display of the keyboard channel number.
- 7/ All Leds OFF.

## 2.8 Technician menu

---

Press the + (7) and - (10) keys together for 3 seconds.

Choice of parameter with +(7) and - (10) keys.

Validate with the OK (6) key.

dF : if yes (y), reset the values of the parameters as provided in the application service of the scoreboard. (n = NO).

Ec : if yes (y), if no activity : off the scoreboard.  
if no (n), the scoreboard display the time.

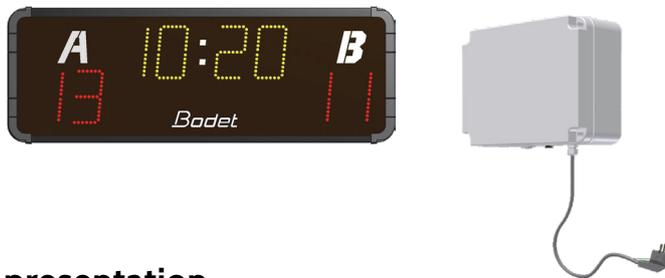
## 3. BTX6015 with SCOREAPP (ref. 915 776)

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### 2.1 Checking the equipment upon reception

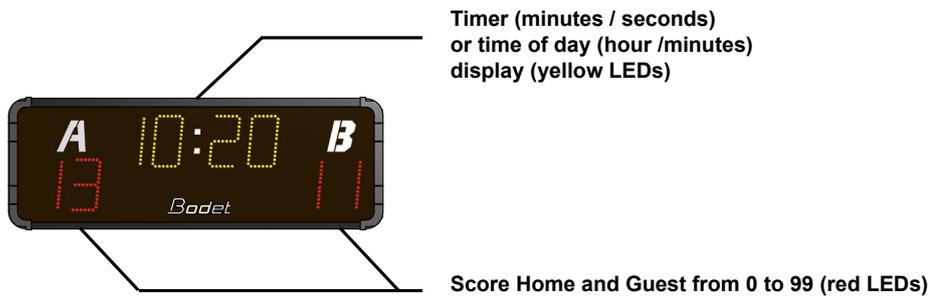
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The kit contains the BTX6015 display panel and the SCOREAPP box.



### 2.2 Overall presentation

---

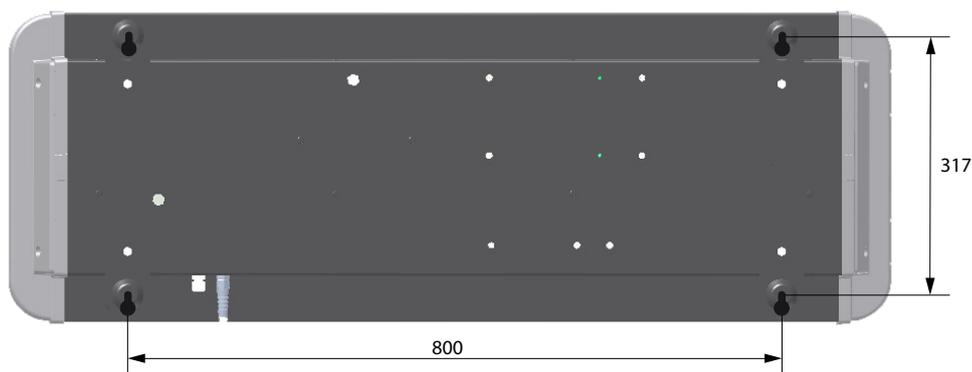


**IMPORTANT :** The maximum distance for HF communication between the keyboard and the panel is 100 metres in line of sight.

### 2.3 Wall mounting

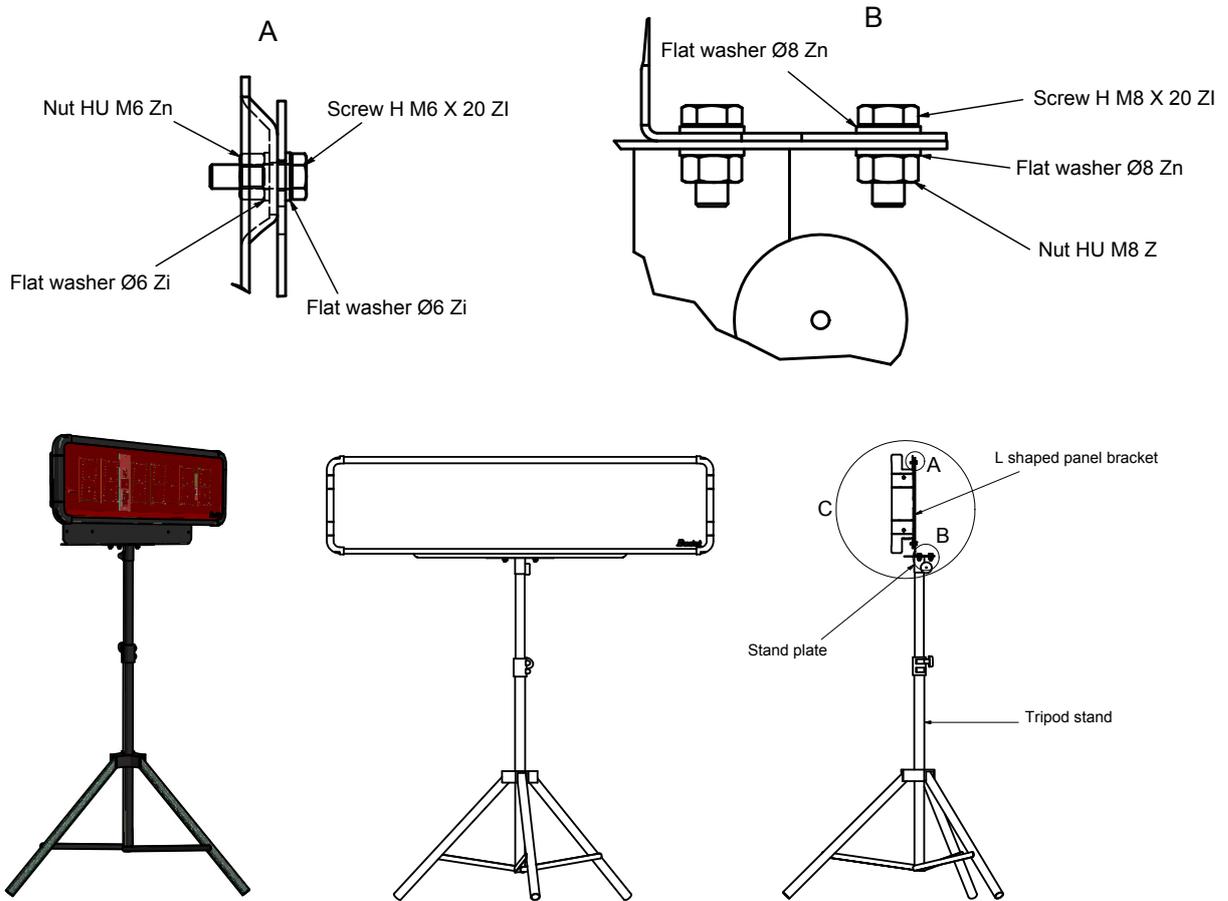
---

Install the panel to the wall with 4 screws  $\varnothing 6\text{mm}$  (not supplied) and 4 matching wall anchors using the 4 teardrop shaped holes.



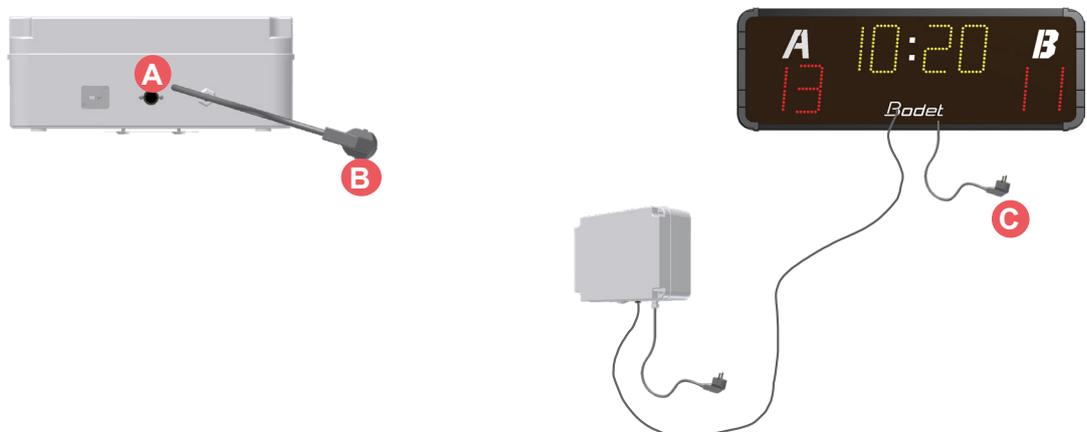
## 2.4 Mounting on the tripod stand

- 1/ Mount the L shaped panel bracket on the stand plate with the 4 supplied screws as in illustration B.
- 2/ Mount the display panel on the L shaped bracket with the 4 supplied screws as in illustration A.

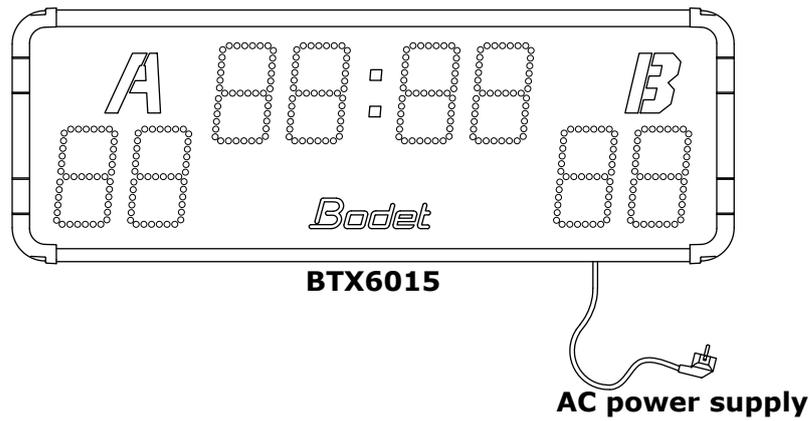


## 2.5 Electrical connections

- 1/ Connect the cable coming from the BTX6015 panel to the DIN socket on the SCOREAPP box. **A**
- 2/ Connect the 240V/110V power supply on the SCOREAPP box to a power outlet. **B**
- 3/ Connect the 110/240V AC power plug of the display panel to the wall socket **C**.



2/ Connect the 110/240V AC power plug of the display panel to the wall socket or to output socket of the inverter.



## 2.6 DIPs settings

Open the scoreboard by unfastening the two screws on one side of it and then slide out the glass, taking care not to damage the LEDs on the display.

Field		
N°1		
N°2		
N°3		
N°4		
N°5		
N°6		

**Note:** refer to the SCOREAPP manual to access the test mode and the technician menu.

## 4. BTX6015 XTREM (ref. 915 797)

---

### 2.1 Checking the equipment upon reception

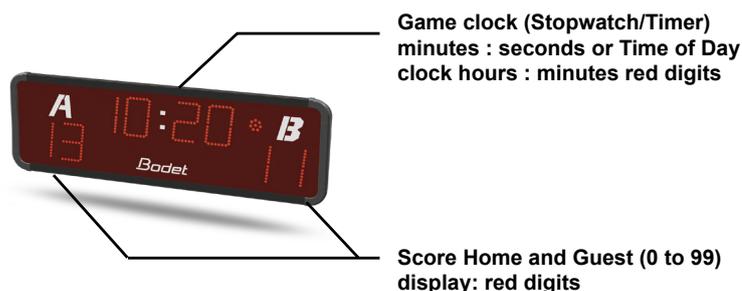
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The kit is made of: BTX6015 scoreboard and the Xtrem keyboard.



### 2.2 Overall presentation

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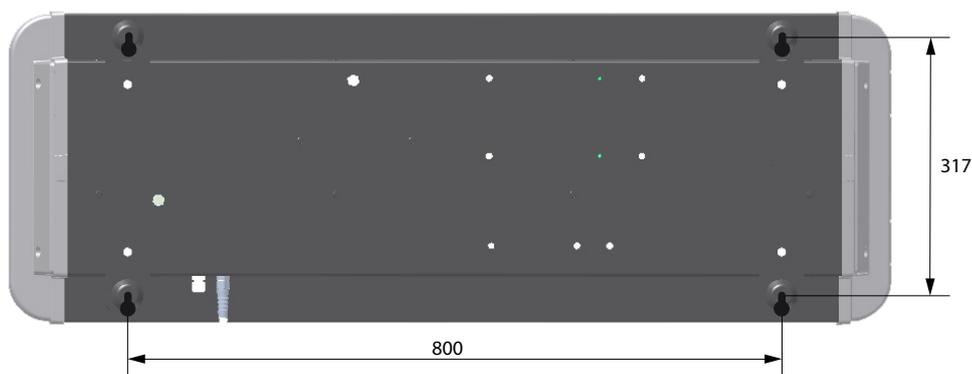


**IMPORTANT :** The maximum distance for HF communication between the keyboard and the panel is 100 metres in line of sight.

### 2.3 Wall mounting

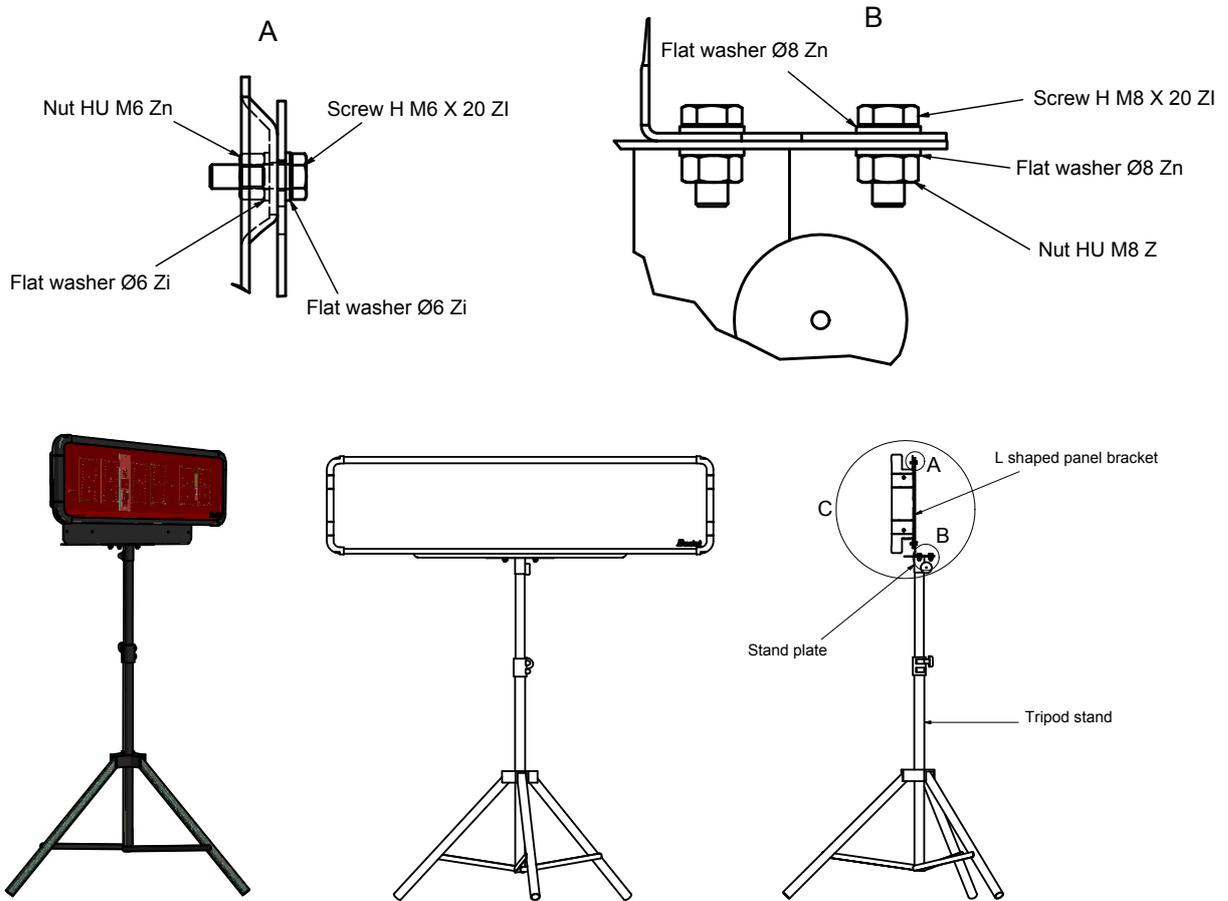
---

Install the panel to the wall with 4 screws  $\varnothing 6\text{mm}$  (not supplied) and 4 matching wall anchors using the 4 teardrop shaped holes.



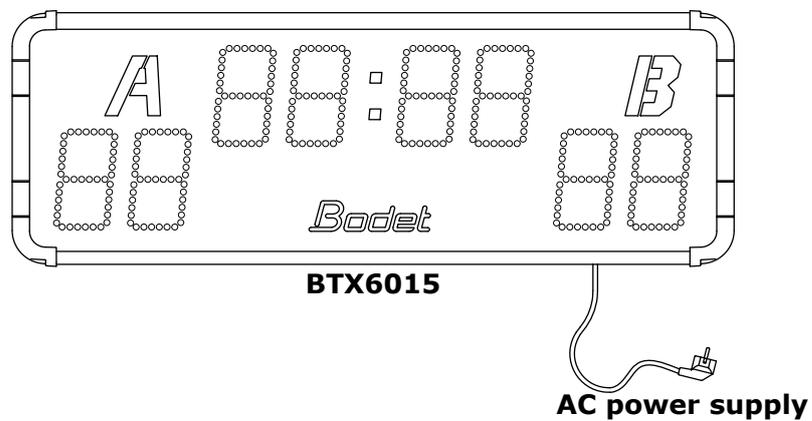
## 2.4 Mounting on the tripod stand

- 1/ Mount the L shaped panel bracket on the stand plate with the 4 supplied screws as in illustration B.
- 2/ Mount the display panel on the L shaped bracket with the 4 supplied screws as in illustration A.



## 2.5 Electrical connections

Connect the 110/240V AC power plug of the display panel to the wall socket.



## 2.6 DIPs settings

---

Standby mode (time display) is active.

1/ Open the XTREM console:

- Unfasten the 4 screws on the front panel.
- Remove the bottom of the front panel, taking care not to pull on the internal wiring.
- Tilt the front panel on one side of the bottom in order to access the console's DIPs.

2/ Set the DIPs according to your installation following the examples shown in the table on the next page.

3/ Consoles must always be paired with their BTX6015:

- Press and hold START for 3 seconds.

**Note: do not perform this parameter setting for an installation with a single panel and a single console: in this case the DIP configuration is carried out in our factory.**

This setting is recommended for using BTX6015 Xtrem up to 7 terrains maximum.

The allocation of an Xtrem console with a BTX6015 is done without pairing: the configuration of the DIPs makes it possible to associate a desk with its board.

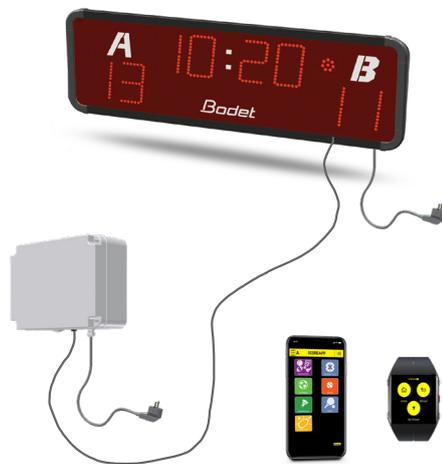
Standby mode (time display) is inactive.

The Xtrem desk can be associated with an Easylive tablet.

4/ Open the scoreboard by unfastening the two screws on one side of it and then slide out the glass, taking care not to damage the LEDs on the display.

Terrain	SW1 SW2 SW3			1 2							
	SW1 1 2 3	SW2 1 2 3	SW3 1 2 3	1 1 2 3 4 5 6 7 8				2 1 2 3 4 5 6 7 8			
N°1											
N°2											
N°3											
N°4											
N°5											
N°6											
N°7											

## 2.7 Replacing the XTREM console by SCOREAPP



In this mode, the XTREM console (if present) no longer works.

1/ Open the BTX6015 scoreboard:

- Unfasten the 2 screws on the right or left side (it doesn't matter which side).
- Remove the side.
- Slide the glass, taking care not to rub against the LED modules, and then remove the glass.

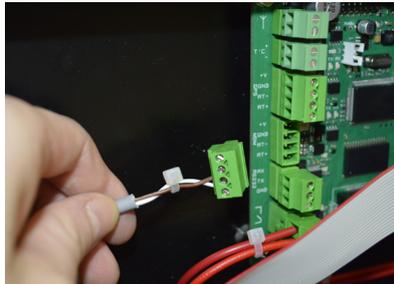
2/ Unscrew the LED module from the chronometer furthest to the left, in order to access the electronic board.



3/ Attach the DIN connection cable between the scoreboard and scoreapp (ref.: 408901):

Connect the communication cable to the SCOREAPP box:

- Connect the RT+ (white) and RT- (brown) cables (MDM terminal block) to the scoreboard's electronic board::



With the other side of the cable, connect the DIN plug to the SCOREAPP box.

4/ Referring to the table on the next page, check or modify the DIPs on the BTX6015 scoreboard.

Note: refer to the SCOREAPP manual to access the test mode and the technician menu.

## 2.7 Test mode (with XTREM keyboard)

---

Select the time of day mode by pressing the OFF (2) key.

Press the RESET (5) key for 3 seconds.

The test mode performs the following operations:

- 1/ Display of the program version number.
- 2/ Test of the cabling.
- 3/ Test of each module.
- 4/ All LEDs ON.
- 5/ All LEDs OFF.
- 6/ Display of the keyboard channel number.
- 7/ All LEDs OFF.

## 2.9 Technician menu (with XTREM keyboard)

---

To access the technician menu, press the keys + (1) and - (5) simultaneously for 3 seconds.

Select the parameters with the keys ◀ (2) and ▶ (3).

Validate with the key OK (4)

dF: if Yes (y), reloads the factory default values. (n = No).

ti : Time setting:

if Y the minutes blink, change the values with keys + (1) and - (5). To modify the hours use the keys ◀ (2) ou ▶ (3), the hours blink. use the keys + (1) and - (5) to change the values.

Validalite and exit with the OK (4) key.

Lu: adjustment of the luminosity of the scoreboard with the keys + (1) and - (5).

dH: duration of the horn blowing with keys + (1) and - (5) (0 to 5 seconds).

tS: test of the scoreboard.

If Y the test program is started and progresses as follow:

- 1/ display of the EProm version,
- 2/ display of the flat cable number of each module,
- 3/ display of the address of each module on the cable,
- 4/ lighting of all LEDs of all the modules,
- 5/ blanking of all the LED modules,
- 6/ display of the keyboard channel number,
- 7/ back to the technician menu.

## BASKETBALL 3x3

# 5. BTX6015 Basket 3x3 (ref. 916 072)

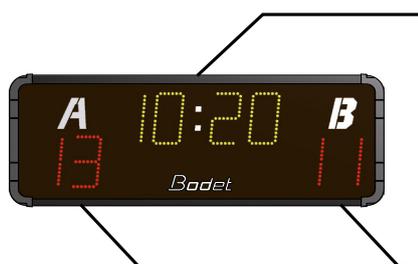
## 2.1 Checking the equipment upon reception

The kit is made of :

- The BTX6015 BASKET 3x3 scoreboard.
- The BTX6002 shot clock.
- The main keyboard
- The shot clock keyboard



## 2.2 Overall presentation



Chronomètre minutes / secondes  
ou affichage de l'heure en jaune

Score Loc et Visit de 0 à 99 en rouge

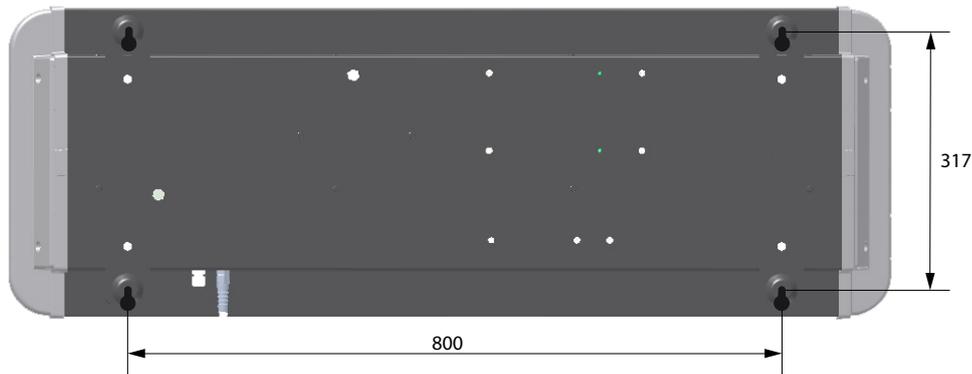
**IMPORTANT :** The maximum distance for HF communication between the keyboard and the panel is 100 metres in line of sight.



Shot clock (count down from 12 to 0 second): red digits (20cm)

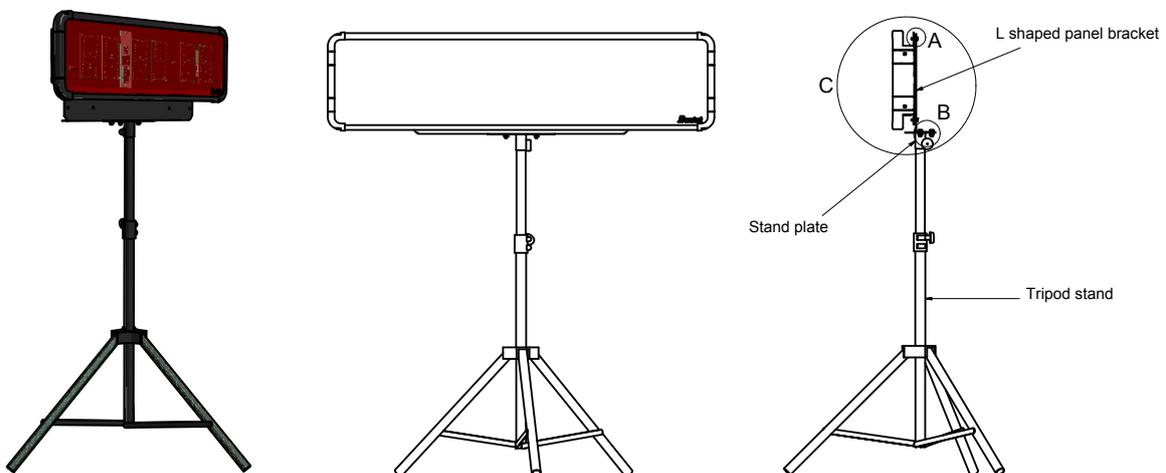
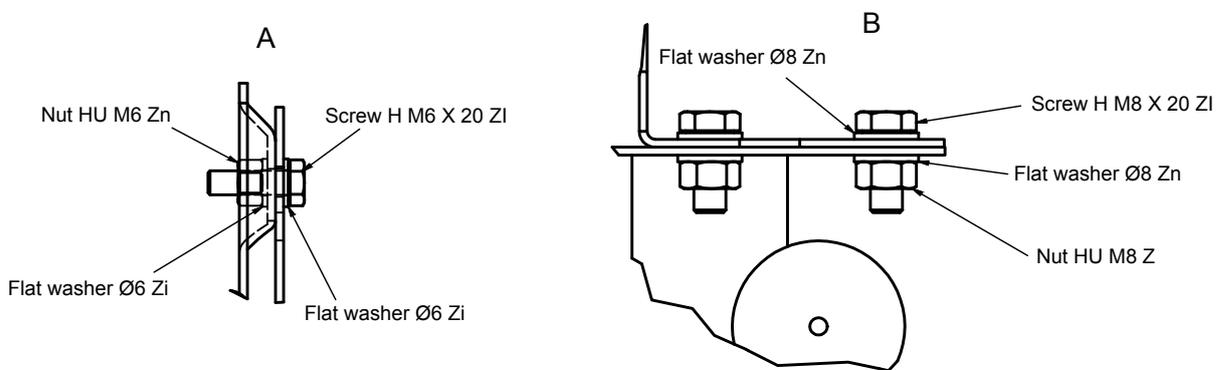
## 2.3 Wall mounting of the BTX6015

Install the panel to the wall with 4 screws  $\varnothing 6\text{mm}$  (not supplied) and 4 matching wall anchors using the 4 teardrop shaped holes.



## 2.4 Mounting on the tripod stand

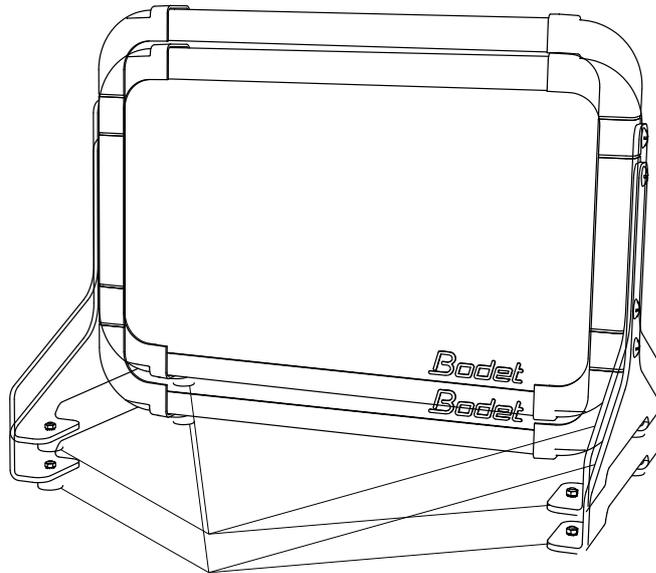
- 1/ Mount the L shaped panel bracket on the stand plate with the 4 supplied screws as in illustration B.
- 2/ Mount the display panel on the L shaped bracket with the 4 supplied screws as in illustration A.



## 2.5 Installation of BTX6002

---

Screw the two brackets on each side of the display and install it on the floor (it can be attached using the 4 holes provided on the bracket).

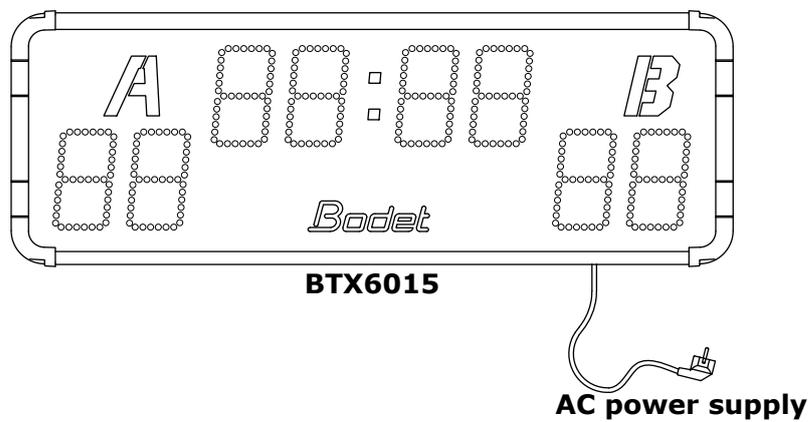


4 trous pour fixation au sol

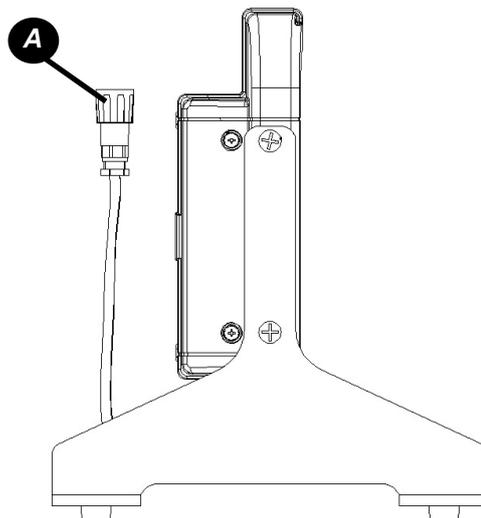
## 2.5 Electrical connections

---

Connect the 110/240V AC power plug of the display panel to the wall socket.



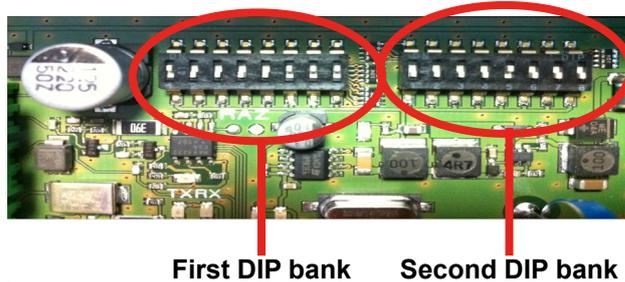
Connect the 20m long interface cable (A) (407179 - which carries the power and data) to the BTX6015 scoreboard.



## 2.7 Paramétrage des DIPs

### BTX6015 panel card

Open the scoreboard by unfastening the two screws on one side of it and then slide out the glass, taking care not to damage the LEDs on the display.



First DIP bank      Second DIP bank

#### On the first DIP bank

Dips 1 to 4 are used for the factory setting of the panel.

Out of the factory the dips are set as follow:

Dip 1	Dip 2	Dip 3	Dip 4
on ↑	off ↓	off ↓	off ↓

Dips 5 to 7 are used to set the panel number (if several panels are to be controlled on the same site, each panel needs to have its own number).

Dips 8 is not used.

Panel number	Dip 5	Dip 6	Dip 7
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

#### On the second DIP bank

Dips 1 to 3 are used to determined the installation number.

Dips 4 to 8 are not used.

Installation number	Dip 1	Dip 2	Dip 3
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

### BTX6002 Possession Display Board

Row 1								Row 2							
Dip 1	Dip 2	Dip 3	Dip 4	Dip 5	Dip 6	Dip 7	Dip 8	Dip 9	Dip 10	Dip 11	Dip 12	Dip 13	Dip 14	Dip 15	Dip 16
on ↑	on ↑	on ↑	off ↓	on ↑	on ↑	on ↑	on ↑	off ↓	off ↓	off ↓	off ↓	off ↓	off ↓	off ↓	off ↓

## 6. BTX6025 MS (ref. 915799) & BTX6125 MS (ref. 915792)

### 2.1 Checking the equipment upon reception

The BTX6125MS scoreboard is a combination of the BTX6025 + BTX6102 scoreboard.

The BTX6025MS scoreboard is a single unit..

The Scorepad keyboard is not included in the commercial reference of the scoreboard. This has this own reference.



### 2.2 Wall mounting

CAUTION: BEFORE FINAL ASSEMBLY, EACH CABLE (240V + DATA) MUST BE ROUTED THROUGH THE CORRESPONDING CABLE GLAND (CABLES ARE LABELLED).

1/ Fix the mounting rail to the wall, ensuring it is the right way round.

2/ Position the scoreboard alongside the mounting rail (B) then slide onto the rails (C).

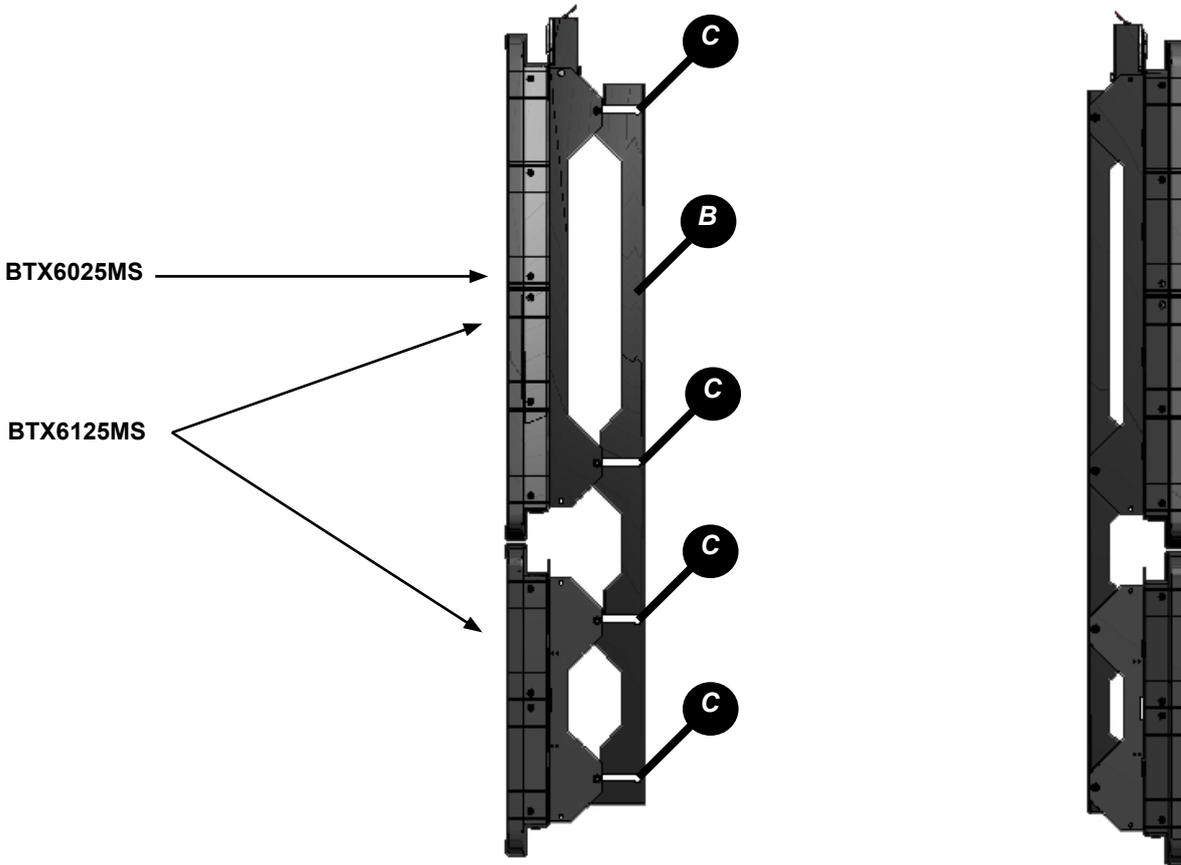
*Nota : Feed the power cable behind before fixing the scoreboard to the wall.*

3/ Unfold the end clips (A) to ensure that the brackets are held in place after mounting. The clips act as stops for the mounting bracket, to prevent it coming off the rail during maintenance.

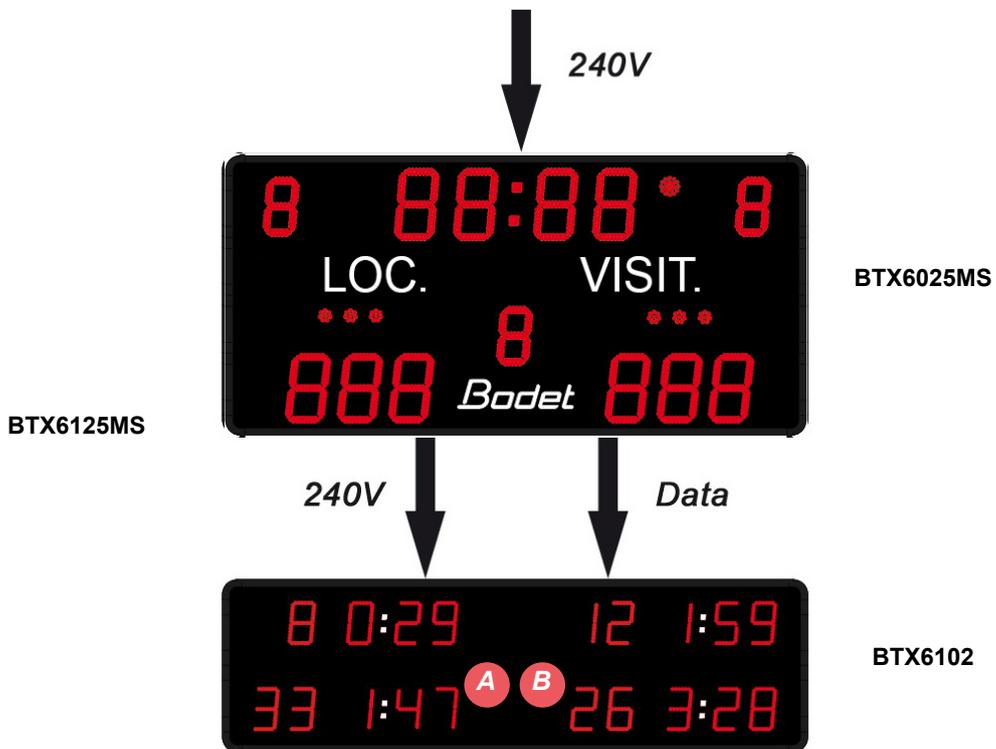


Brackets extended

Bracket retracted



### 2.3 Electrical connections



Most of the cabling for the BTX6125HK is carried out at the factory. This guide only covers the cabling required on installation. All cables to be attached are located around the sides of the BT6102E: 1 power supply with a green connector (240V) and 1 communications cable with a green connector (DATA).

## BTX6125MS

1/ Open all access hatches.

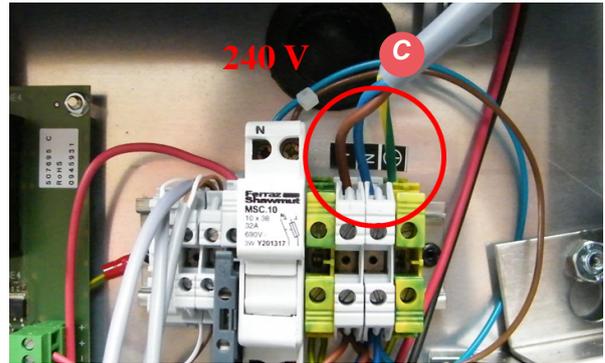
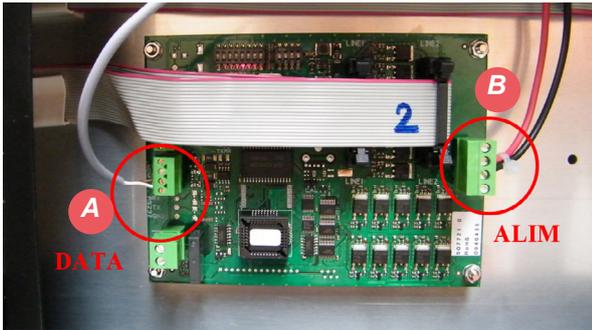
2/ Connect a communication cable from the BTX6025MS COM board to the BTX6102 COM board (A).

3/ Connect a 240V power cable with the green connector from the BTX6025MS going to the BTX6102 connector (B).

4/ Connect the 240V + earth power supply to the BTX6025MS (E) power supply unit (the power cable (3x1.5²) is not supplied by BODET)..

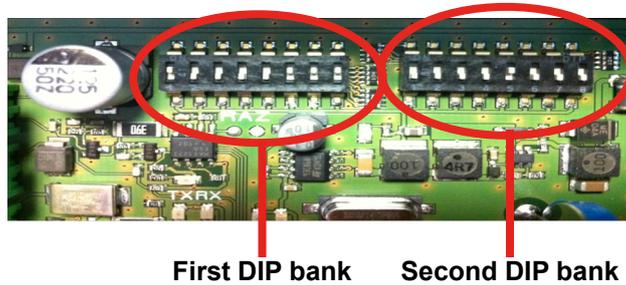
## BTX6025MS

1/ Connect the 240V + earth power supply to the BTX6025HK (E) power supply unit (the power cable (3x1,5²) is not supplied by BODET)..



## 2.4 DIPs settings

### Card main panel (BTX6025MS)



#### On the first DIP bank

On the 1st dip bank, dips 1 to 4 are used for the factory configuration of the panel.

Out of the factory the dips are set as follow:

Dip 1	Dip 2	Dip 3	Dip 4
on ↑	on ↑	on ↑	on ↑

Dips 5 to 7 are used to identify each panel (If several panels are used on the same site each panel must have its own number.).

Dip 8 is not used.

Panel number	Dip 5	Dip 6	Dip 7
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

## 2nd dip bank

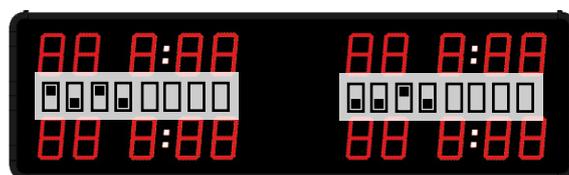
Dips 1 to 3 are used to set the installation number.

Dips 4 to 8 are unused.

N° installation	Dip 1	Dip 2	Dip 3
1	off ↓ 	on ↑ 	on ↑ 
2	on ↑ 	off ↓ 	on ↑ 
3	off ↓ 	off ↓ 	on ↑ 
4	on ↑ 	on ↑ 	off ↓ 
5	off ↓ 	on ↑ 	off ↓ 
6	on ↑ 	off ↓ 	off ↓ 

## Card secondary panel (BTX6102 - only for BTX6125MS)

Dip switches 1 to 4 (1st dip bank) for each of the 2 cards must be configured as below (other dip switches are not used).



## ICE HOCKEY & HOCKEY SPORTS

### 7. BTX6125 HK (ref. 915794)

#### 2.1 Checking the equipment upon reception

The kit contains scoreboard BTX6025 + BTX6102.

The Scorepad keyboard is not included in the commercial reference of the scoreboard. This has its own reference.



#### 2.2 Wall mounting

**CAUTION: BEFORE FINAL ASSEMBLY, EACH CABLE (240V + DATA) MUST BE ROUTED THROUGH THE CORRESPONDING CABLE GLAND (CABLES ARE LABELLED).**

1/ Fix the mounting rail to the wall, ensuring it is the right way round.

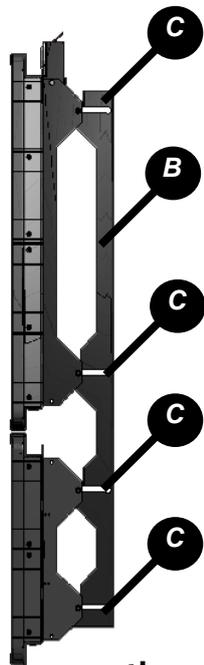
2/ Position the scoreboard alongside the mounting rail (B) then slide onto the rails (C).

Nota : Feed the power cable behind before fixing the scoreboard to the wall.

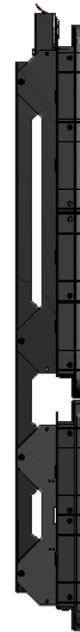
3/ Unfold the end clips (A) to ensure that the brackets are held in place after mounting. The clips act as stops for the mounting bracket, to prevent it coming off the rail during maintenance.



Brackets extended



Brackets retracted

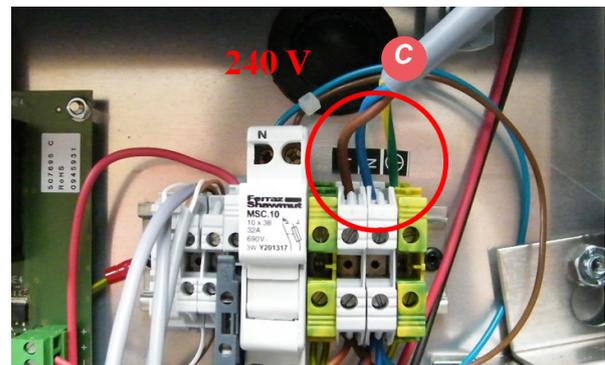
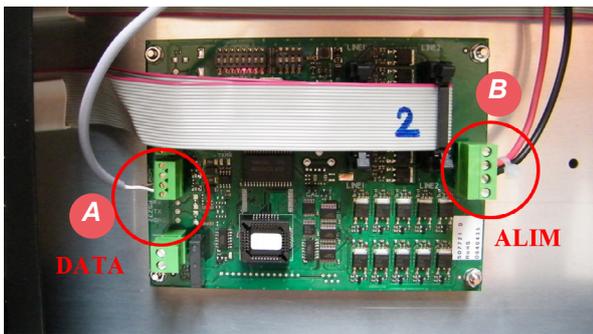


## 2.3 Electrical connections



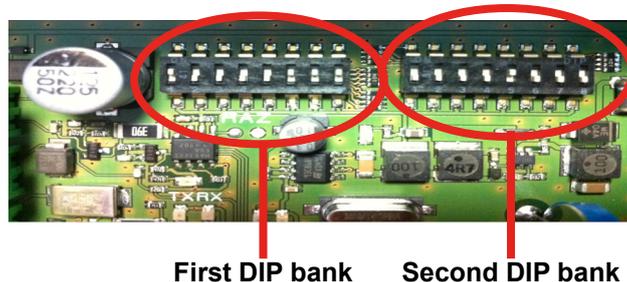
Most of the cabling for the BTX6125HK is carried out at the factory. This guide only covers the cabling required on installation. All cables to be attached are located around the sides of the BT6102E: 1 power supply with a green connector (240V) and 1 communications cable with a green connector (DATA).

- 1/ Open all access covers.
- 2/ Connect a communications cable to the COM card on the BTX6025HK to the COM card of the BTX6102HK (A).
- 3/ Connect a 240V power supply cable using the green connector on the BTX6025HK to the connector on the BTX6102HK (B).
- 4/ Connect the 240V + earth mains cable to the power supply of the BTX6025HK (E) (power cable (3x1.5<sup>2</sup>) not supplied by BODET).



## 2.4 DIPS settings

### Card main panel



#### On the first DIP bank

On the 1st dip bank, dips 1 to 4 are used for the factory configuration of the panel.  
Out of the factory the dips are set as follow:

Dip 1	Dip 2	Dip 3	Dip 4
on ↑	on ↑	on ↑	on ↑

Dips 5 to 7 are used to identify each panel (If several panels are used on the same site each panel must have its own number.).

Dip 8 is not used.

Panel number	Dip 5	Dip 6	Dip 7
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

## 2nd dip bank

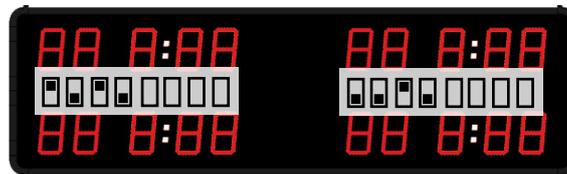
Dips 1 to 3 are used to set the installation number.

Dips 4 to 8 are unused.

Installation number	Dip 1	Dip 2	Dip 3
1	off ↓ 	on ↑ 	on ↑ 
2	on ↑ 	off ↓ 	on ↑ 
3	off ↓ 	off ↓ 	on ↑ 
4	on ↑ 	on ↑ 	off ↓ 
5	off ↓ 	on ↑ 	off ↓ 
6	on ↑ 	off ↓ 	off ↓ 

## Card secondary panel

Dip switches 1 to 4 (1st dip bank) for each of the 2 cards must be configured as below (other dip switches are not used).



## 8. BTX6425 HK (ref. 915793)

### 2.1 Vérification du matériel fourni

The kit is made of: the BTX6025 + 2 x BTX6104.

The Scorepad keyboard is not included in the commercial reference of the scoreboard. This has its own reference.



### 2.2 Wall mounting

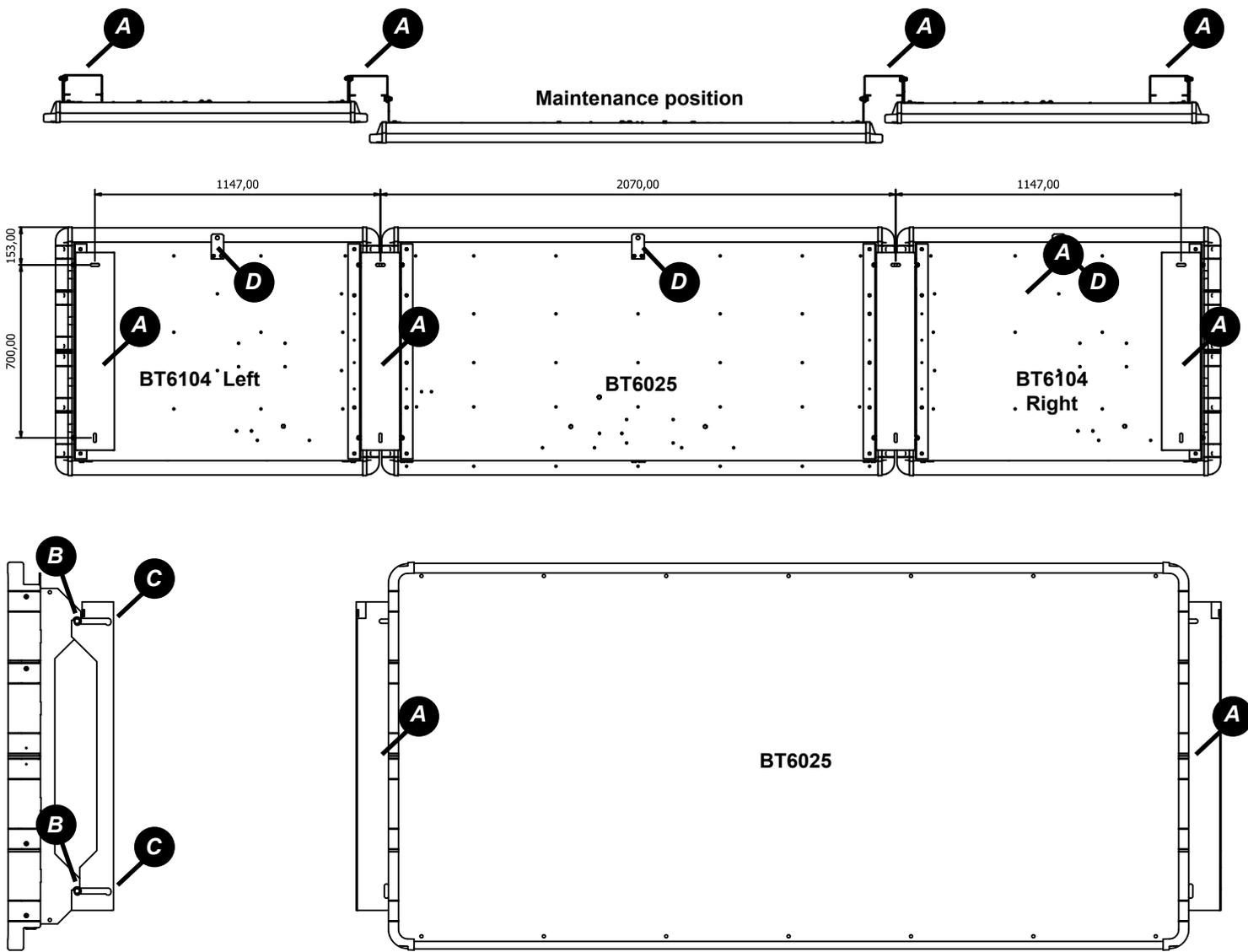
1/ Mount the 4 rails (A) to the wall; watch for the correct spacing.

2/ Place the main panel BTX6425 HK on the middle rails with the spacers on the grooves in (B). Push the panel toward the wall to place the spacers in position (C).

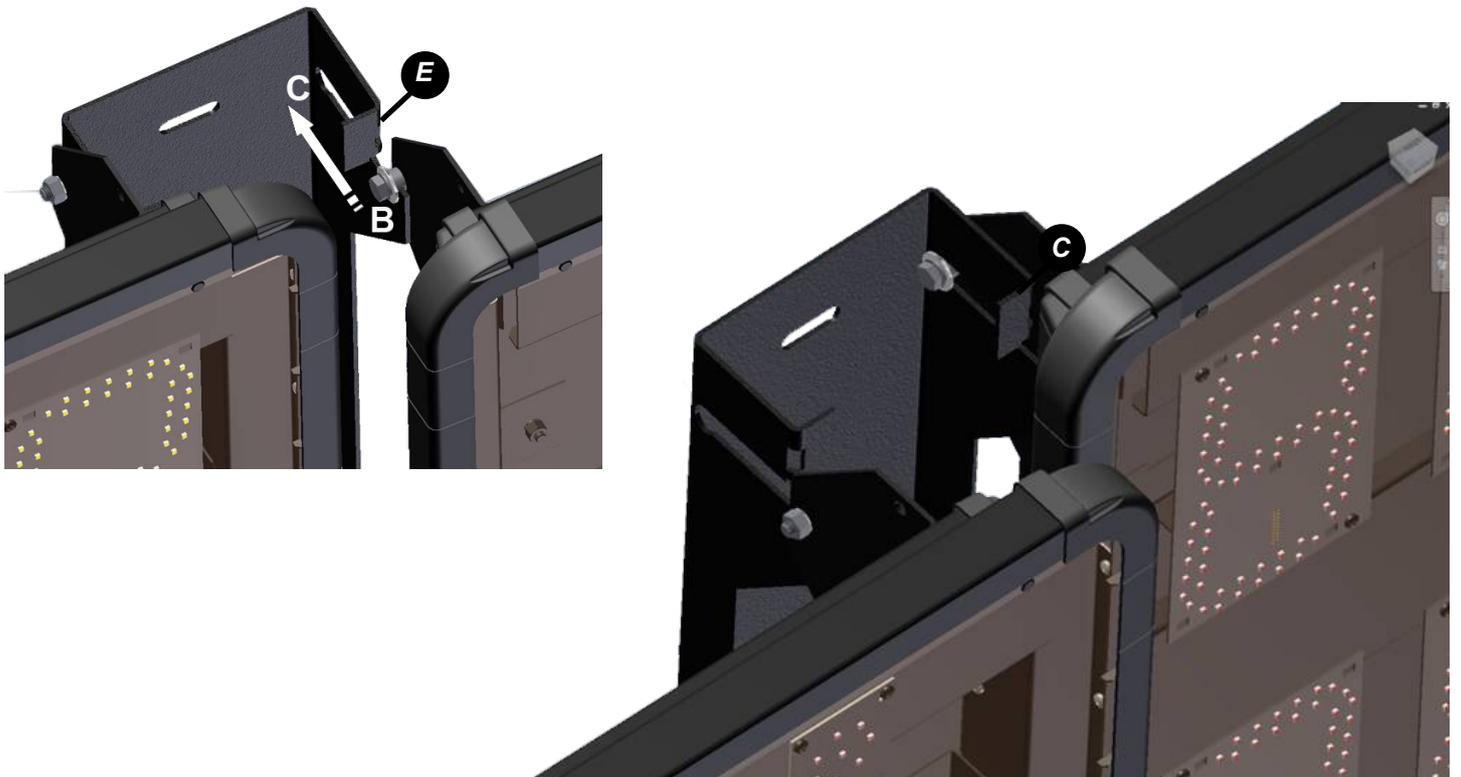
3/ Place the left panel BTX6425 HK on the left rails with the spacers on the grooves in (B). Push the left panel toward the wall to place the spacers in position (C).

4/ Place the right panel BTX6425 HK on the right rails with the spacers on the grooves in (B). Push the right panel toward the wall to place the spacers in position (C).

*Note: to ease the installation a lifting hook is available on each panel (D).*

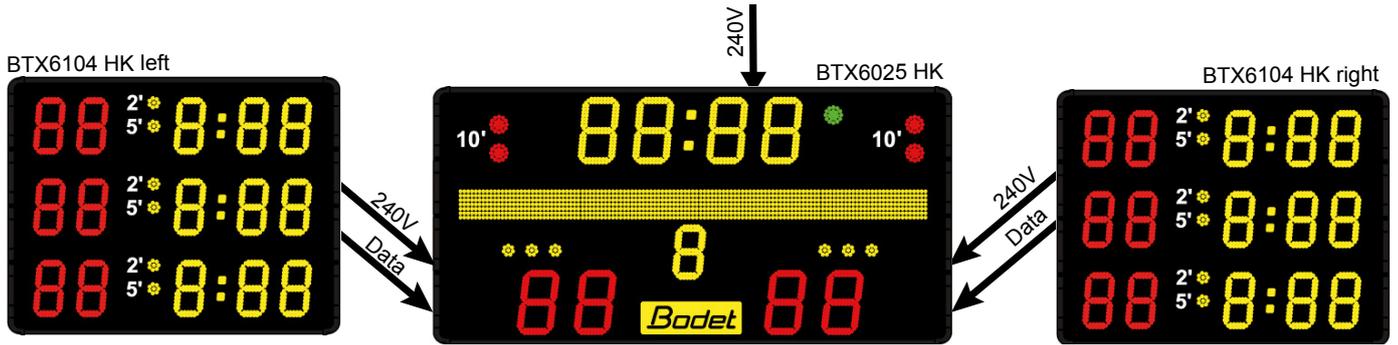


5/ When the 3 panels are in place (C) bend the tongue (E) back straight in order to lock the panels into the grooves. The panels cannot get out of the rails.



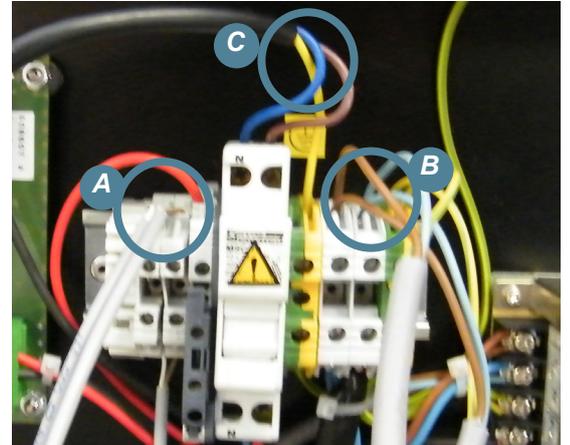
- 6/ To open a panel, put the panel in the maintenance position by pulling it toward you (See plan page 27).
- 7/ Remove the 6 screws and remove the side. Slide the the cover to the side.

## 2.3 Electrical connection



The wiring of the BTX6425 HK is mostly done at the factory. These instructions deal with the wiring to be done on site. The cables that need to be connected are: 2 power cables (240V AC), 2 communication (DATA) cables, 1 main power cable.

- 1/ Put the main BTX6425 HK panel in the maintenance position and open it.
- 2/ Connect the DATA cable (2 wires: white and brown) coming from the left BTX6104 HK panel to the terminal block (A) of the BTX6425 HK. Do the same with the DATA cable coming from the right panel.
- 3/ Connect the power cable (3 wires: green/yellow, brown and bleu) coming from the left BTX6104 HK to the terminal block (B) of the BTX6425 HK. Do the same with the power cable of the right panel.
- 4/ Connect the main 240V + earth power cable to the terminal block (C) of the BTX6425 HK (BODET does not supply this cable (3x1,5<sup>2</sup>)).
- 5/ The Dips are set at the factory. Check that they are properly set (see page 31)..

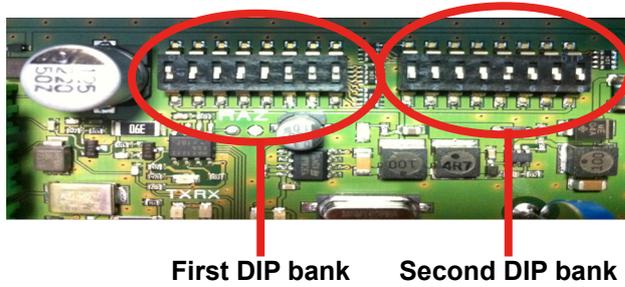


## 2.4 DIPs settings

The Dips are set at the factory, check if they are set as follow:



**Main panel card:**



**On the first DIP bank**

Dips 1 to 4 are used for the factory setting of the panel.  
Out of the factory the dips are set as follow:

Dip 1	Dip 2	Dip 3	Dip 4
on ↑	on ↑	on ↑	on ↑

Dips 5 to 7 are used to identify each panel (If several panels are used on the same site each panel must have its own number.).

Dip 8 is not used.

Panel number	Dip 5	Dip 6	Dip 7
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

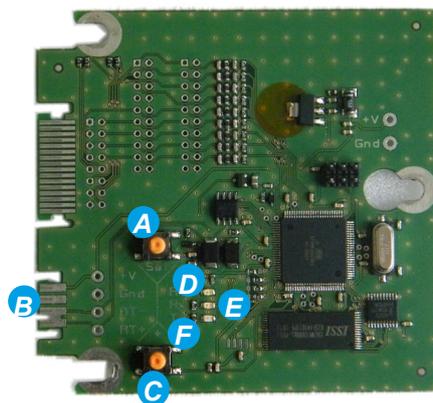
**2nd dip bank**

Dips 1 to 3 are used to set the installation number.

Dips 4 to 8 are unused.

Installation number	Dip 1	Dip 2	Dip 3
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

## Alpha card configuration



- A** Button «Sel»: used to get in the technician menu (press for 3 sec.) and to go to the next menu.
- B** Connector: +V (5V) / Ground / RT-
- C** Button «+»: used to get in the current technician menu or to change the value of the parameter.
- D** Led «RUN» (green, blinking): indicates that the card is powered and that the software is working.
- E** Led «Rx» (green): indicates that the card just received a data frame.
- F** Led «Tx» (yellow): indicates that the card just sent a data frame.

## WATER POLO

### 9. BTX6120 WP (ref. 915790)

#### 2.1 Checking the equipment upon reception

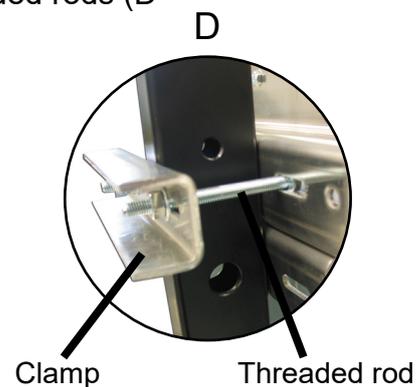
The kit is made of the BTX6120 WP scoreboard.

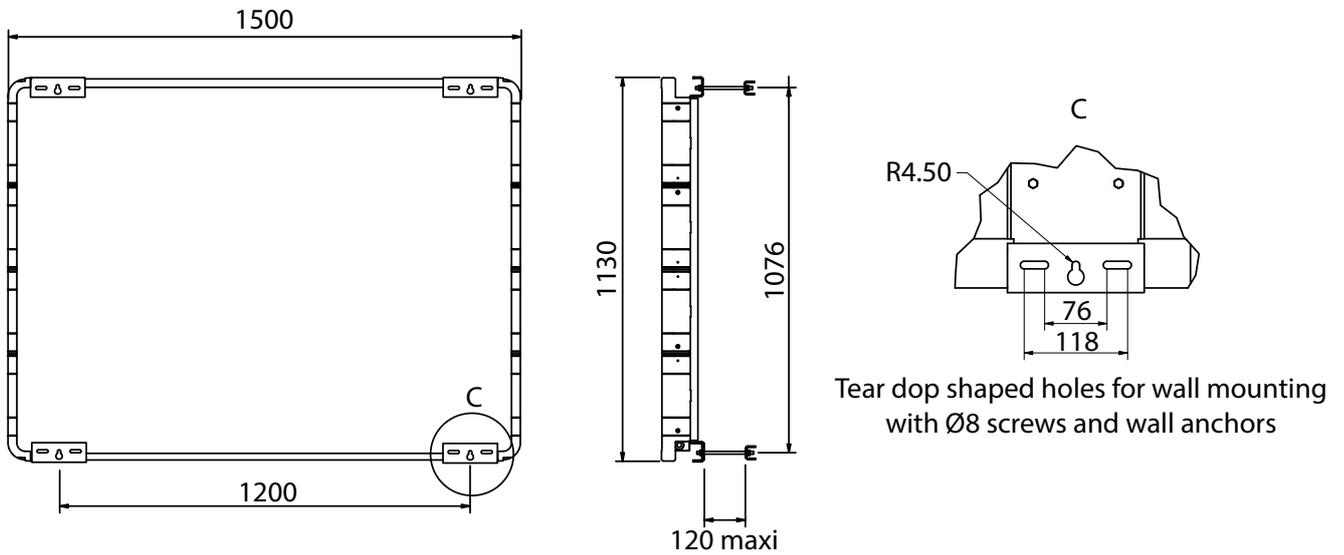
The Scorepad keyboard is not included in the commercial reference of the scoreboard. This has this own reference.



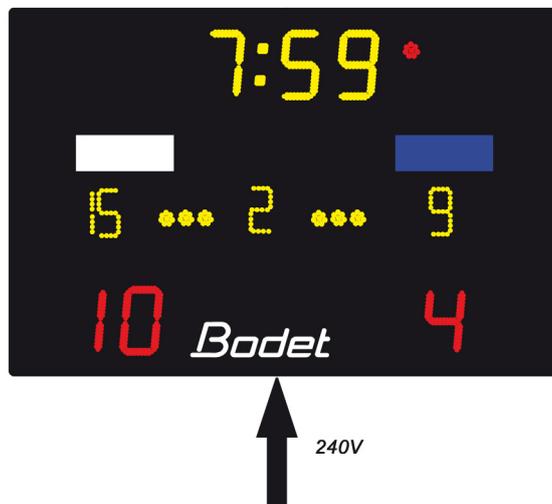
#### 2.2 Wall mounting

Mount the casing on 2 posts using the 4 clamps and the threaded rods (D



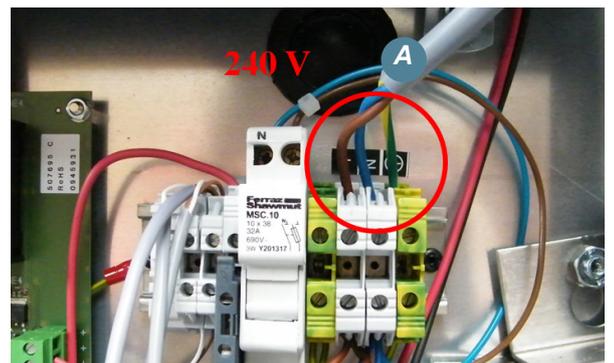


## 2.3 Electrical connection



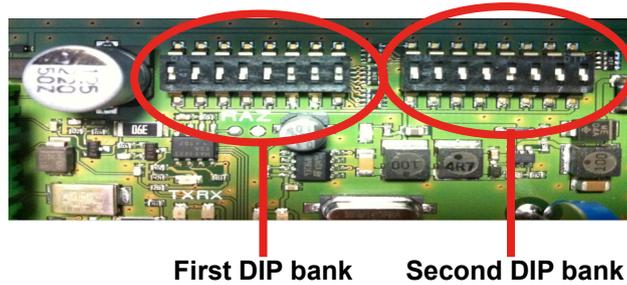
Most of the BTX6120 WP cabling is done at the factory. These instructions deal with the cabling to be done during the installation at the customer site.

- 1/Open all the access doors.
- 2/Connect the 240V + earth power cable to the terminal block of the BTX6120 WP(A). (the power cable (3x1,5<sup>2</sup>) is not supplied by BODET).
- 3/The Dip switches are configured at the factory. Check that they are correctly set.



## 2.4 DIPs settings

### Main panel card:



### On the first DIP bank

Dips 1 to 4 are used for the factory setting of the panel.  
Out of the factory the dips are set as follow:

Dip 1	Dip 2	Dip 3	Dip 4
on ↑	on ↑	on ↑	on ↑

Dips 5 to 7 are used to identify each panel (If several panels are used on the same site each panel must have its own number.).

Dip 8 is not used.

Panel number	Dip 5	Dip 6	Dip 7
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

### 2nd dip bank

Dips 1 to 3 are used to set the installation number.

Dips 4 to 8 are unused.

N° installation	Dip 1	Dip 2	Dip 3
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

# 10. BTX6220 WP (ref. 915791)

## 2.1 Checking the equipment upon reception

The kit is made of the BTX6220 WP scoreboard.

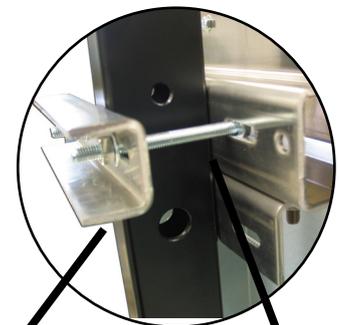
The Scorepad keyboard is not included in the commercial reference of the scoreboard. This has this own reference



## 2.2 Wall mounting

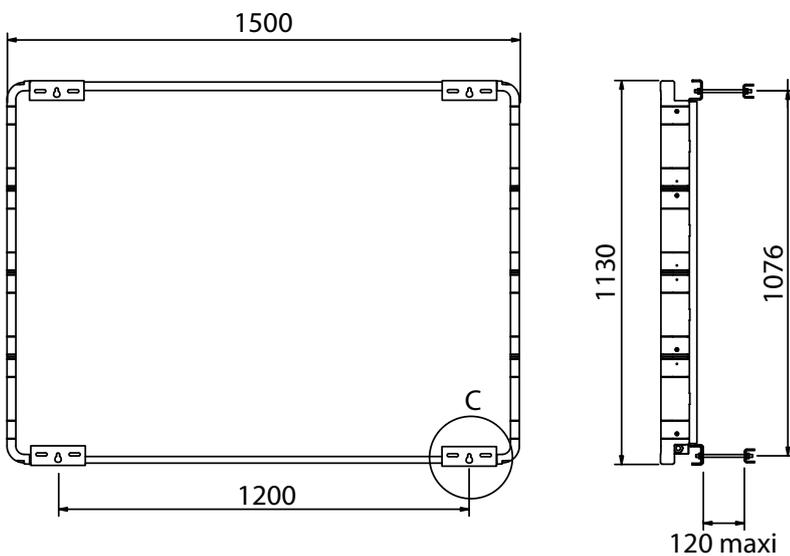
Mount the casing on 2 posts using the 4 clamps and the threaded rods (D).

D



Clamp

Threaded rod



C

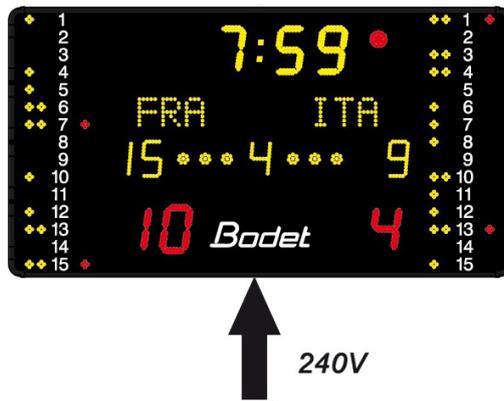
R4.50

76

118

Tear dop shaped holes for wall mounting with Ø8 screws and wall anchors

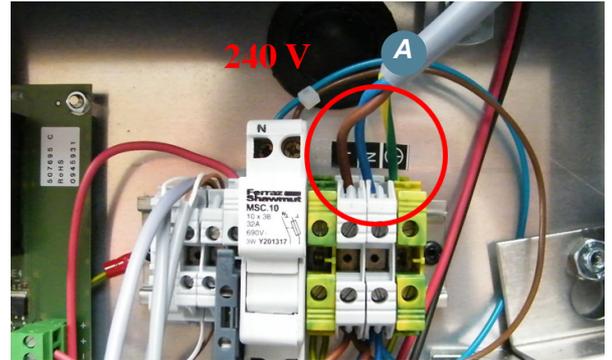
## 2.3 Electrical connections



Most of the BTX6220 WP cabling is done at the factory. These instructions deal with the cabling to be done during the installation at the customer site.

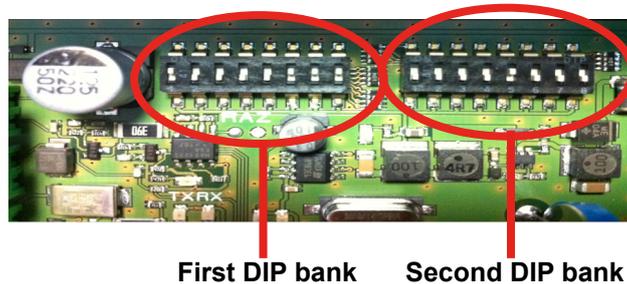
1/ Open all the access doors.

2/ Connect the 240V + earth power cable to the terminal block of the BTX6220 WP(A). (the power cable (3x1,5<sup>2</sup>) is not supplied by BODET)..



## 2.4 DIPs settings

### Main panel card:



### On the first DIP bank

Dips 1 to 4 are used for the factory setting of the panel.  
Out of the factory the dips are set as follow:

Dip 1	Dip 2	Dip 3	Dip 4
on ↑	on ↑	off ↓	off ↓

Dips 5 to 7 are used to identify each panel (If several panels are used on the same site each panel must have its own number.).

N° panneau	Dip 5	Dip 6	Dip 7
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

## 2nd dip bank

Dips 1 to 3 are used to set the installation number.

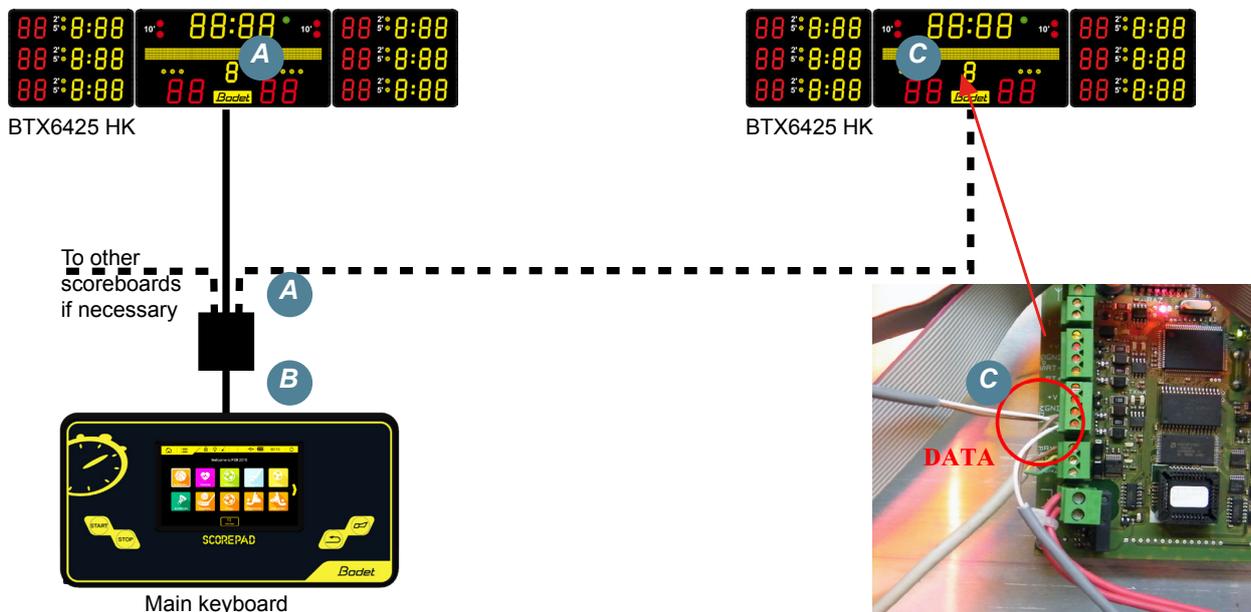
Dip 7 to set the scoreboard as a BTX6000 range scoreboard.

N° installation	Dip 1	Dip 2	Dip 3	Dip 4	Dip 5	Dip 6	Dip 7	Dip 8
1	off ↓	on ↑	on ↑	off ↓	off ↓	off ↓	on ↑	off ↓
2	on ↑	off ↓	on ↑	off ↓	off ↓	off ↓	on ↑	off ↓
3	off ↓	off ↓	on ↑	off ↓	off ↓	off ↓	on ↑	off ↓
4	on ↑	on ↑	off ↓	off ↓	off ↓	off ↓	on ↑	off ↓
5	off ↓	on ↑	off ↓	off ↓	off ↓	off ↓	on ↑	off ↓
6	on ↑	off ↓	on ↑	off ↓				

## MULTISPORT + ICE HOCKEY & HOCKEY SPORTS + WATER POLO

### 11. Wired communication

The example diagram comprises two type BTX6425 HK scoreboards. The same principle applies to the BTX6025 MS, BTX6125 MS, BTX6125 HK, BTX6120 WP and BTX6220 WP scoreboards.



- 1/ Connect the telephone type cable (max. length: 100 m) to the COM terminal block (A) of the BTX6425. Remove the modem cable if necessary.

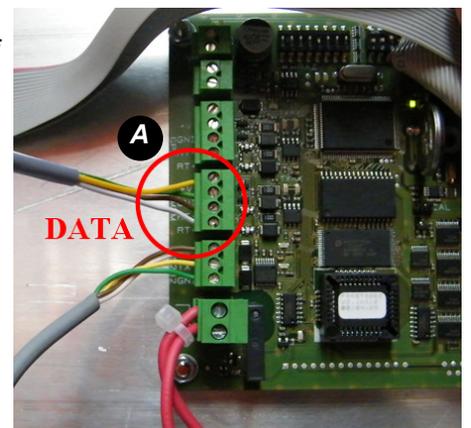
*The screen (shield) of the communication cable must be tied to the ground of the scoreboard.*

- 2/ Connect the other end of the cable to the connection box in (B).

*DIN connector: RT+ (white).*

*DIN connector: RT- (brown).*

- 3/ In an installation with several scoreboards connect a one-pair 9/10 telephone type cable RT+ and RT- (C) on each scoreboard. Connect the other end of the cable to the connection box in (A). Watch for the polarity.



- 4/ Close the panels and turn on the scoreboard(s); the display of the local time and the teams' name

modules (if present) are initialized.

