

BTX 6015 BASKET 3x3



Installation Instructions and user Manual



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Upon receipt, always check the product for damage during shipment. If any is found, you may file a damage claim with the carrier.

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Electrical and mechanical safety standards

- *The BTX6000 scoreboard series being powered by the mains must comply with the IEC 364 standard.*
- *Indoor use (the panel is protected against hits from the basketball - DIN 18032.3 standard).*
- *The installation of this equipment must be fully completed before powering it on.*
- *It is prohibited and dangerous to immerse the scoreboard in to water or clean it with a water jet.*
- *Bodet accepts no responsibility for any use not in compliance with these instructions..*
- *Any modification to the product will invalidate the guarantee.*

I - 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



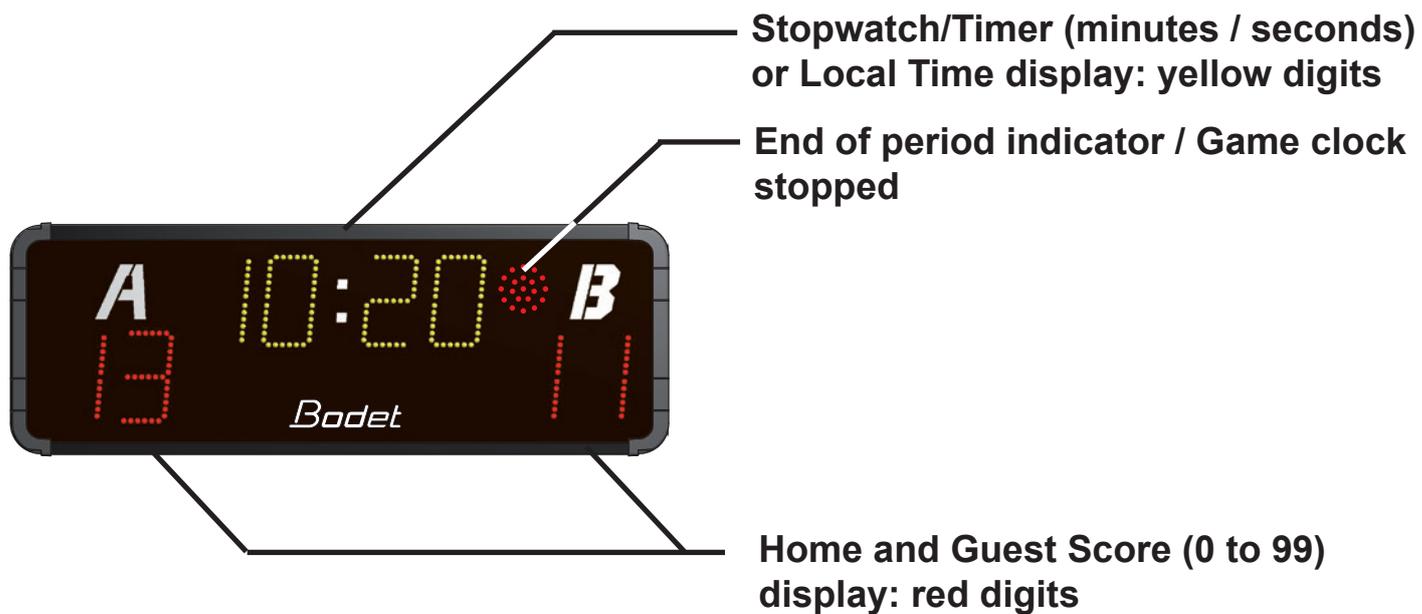
Main keyboard



Shot clock keyboard

The maximum distance for HF communication between the keyboard and the panel is 100 metres in line of sight. Make provision for a power source (extension cord) near the scorer's table in order to charge the keyboard battery during a game if its charge level were to drop (operation autonomy with a full charge > 8 hours).

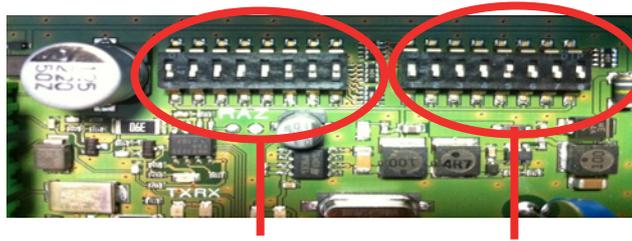
II - Overall presentation of the products



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

III - Setting of the Dip switches

1/ BTX6015 panel card



1st dip bank

2nd dip bank

1.1/ 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 ↑	off ↓	off ↓	off ↓

Dips 5 to 7 are used to identify each panel. Dip 8 is not used.

If several panels are used on the same site each panel must have its own number.

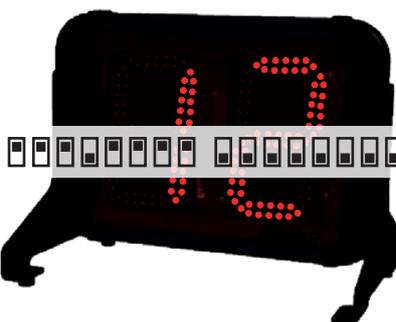
Pannel number	Dip 5	Dip 6	Dip 7
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

1.2/ On the 2nd dip bank:

- Dips 1 to 3 are used to set the installation number.
- Dips 4 to 8 are unused.

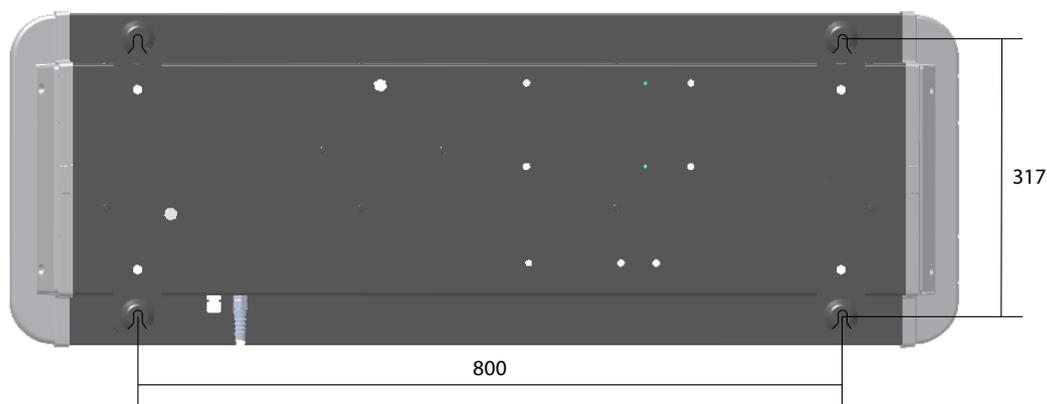
Installation N°	Dip 1	Dip 2	Dip 3
1	off ↓	on ↑	on ↑
2	on ↑	off ↓	on ↑
3	off ↓	off ↓	on ↑
4	on ↑	on ↑	off ↓
5	off ↓	on ↑	off ↓
6	on ↑	off ↓	off ↓

2/ BTX6002 dips



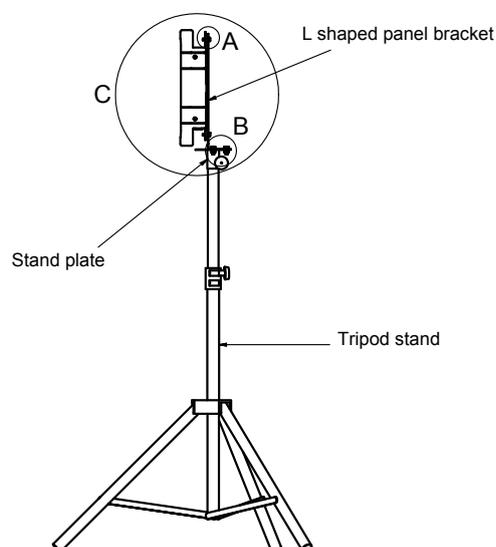
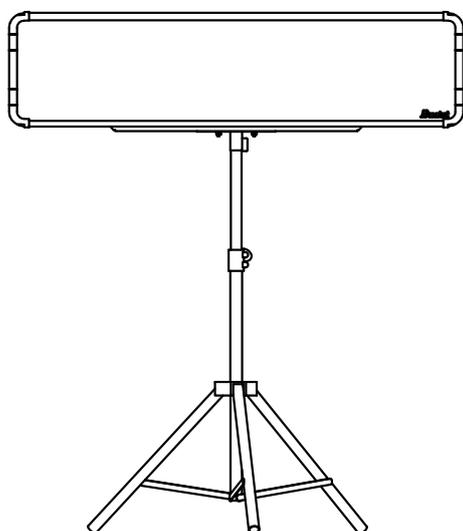
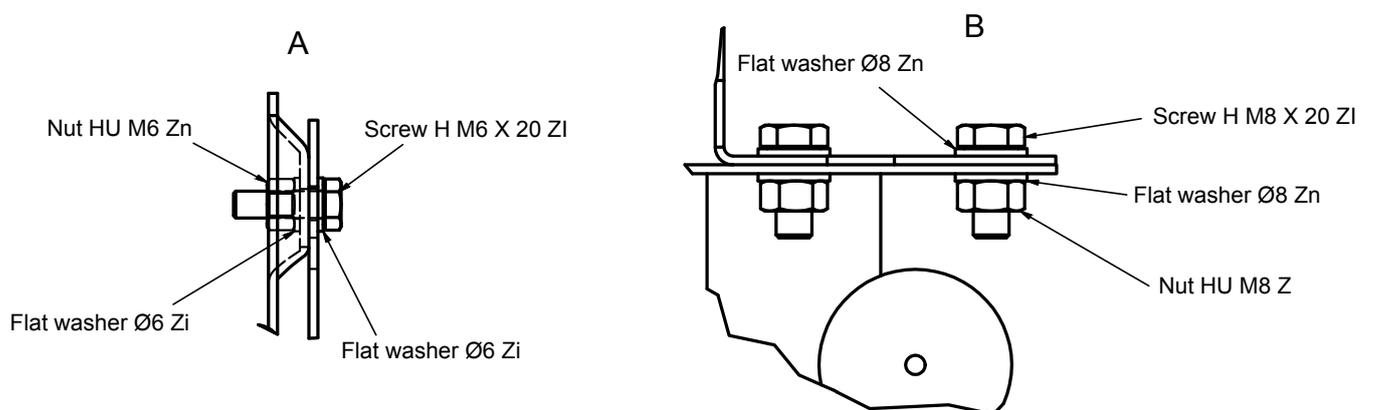
IV - Wall mounting the BTX6015

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



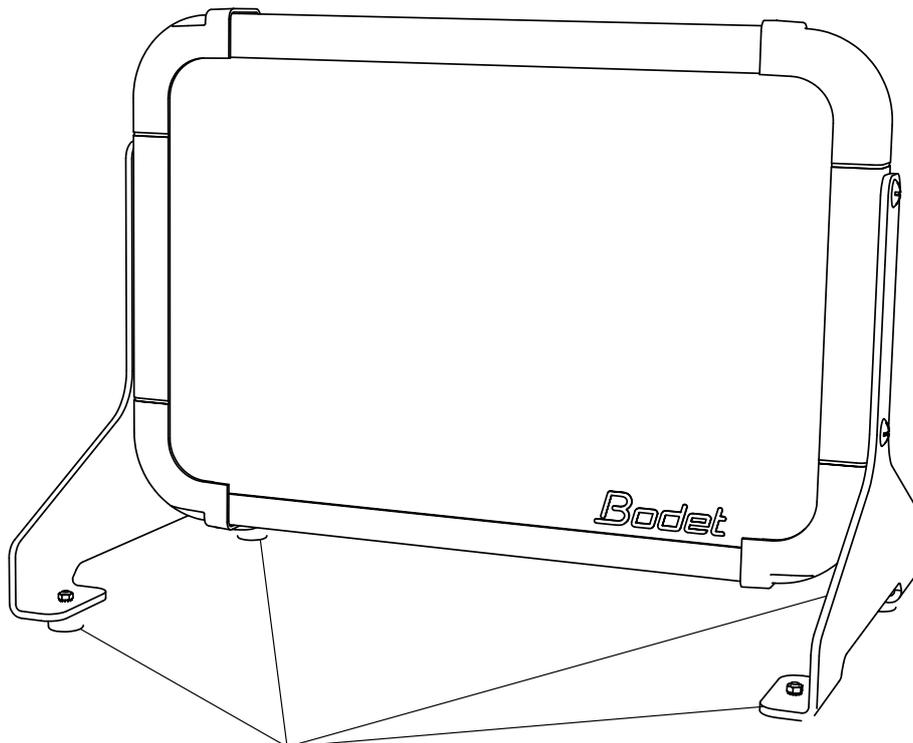
V - Mounting the BTX6015 on a tripod stand

- 1/ Fasten the L shaped bracket to the base plate of the stand with the 4 supplied screws as in B.
- 2/ Fasten the panel to the angle bracket with the 4 supplied screws as in A.



VI - Ground mounting of the BTX6015 shot clock

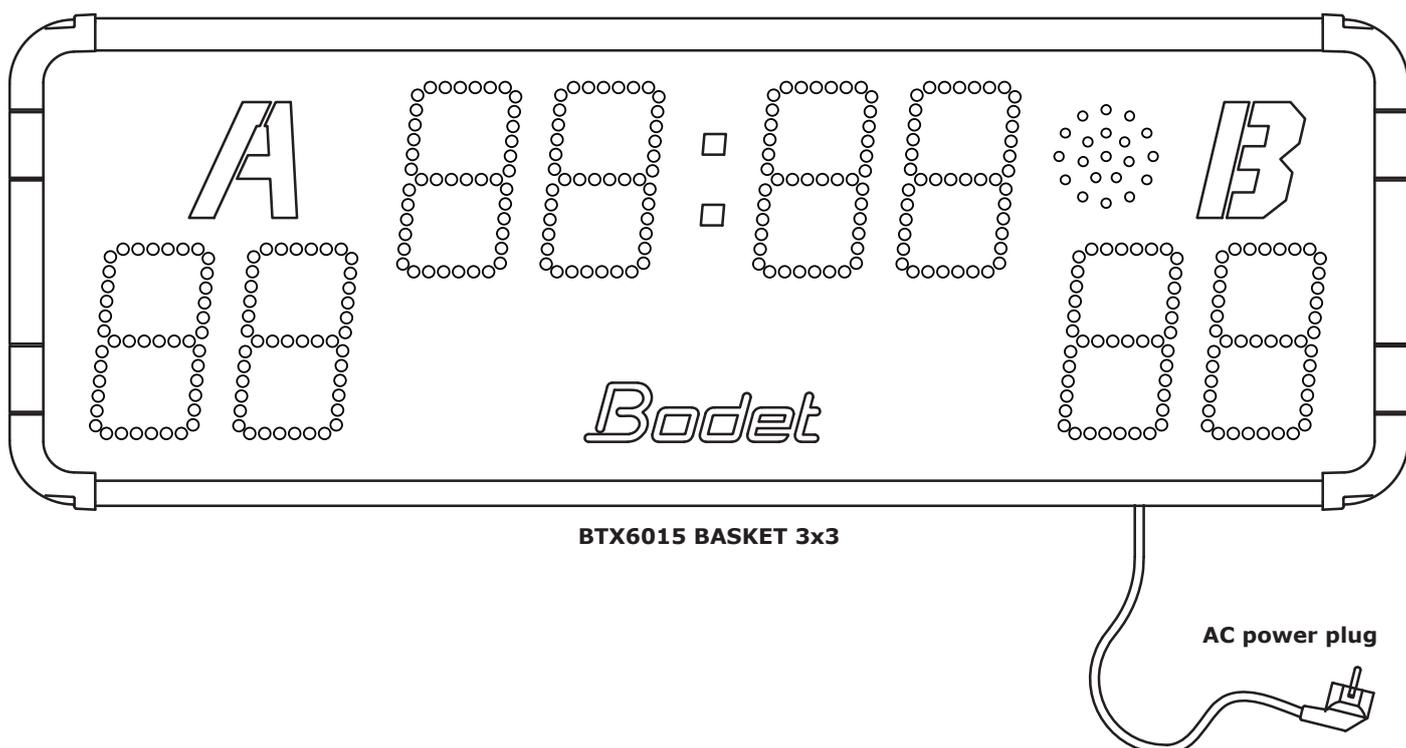
1/ Install the panel on the ground with 4 screws \varnothing 6mm (not supplied) and 4 matching anchors using the 4 holes of the panel feet.



4 holes for ground mounting

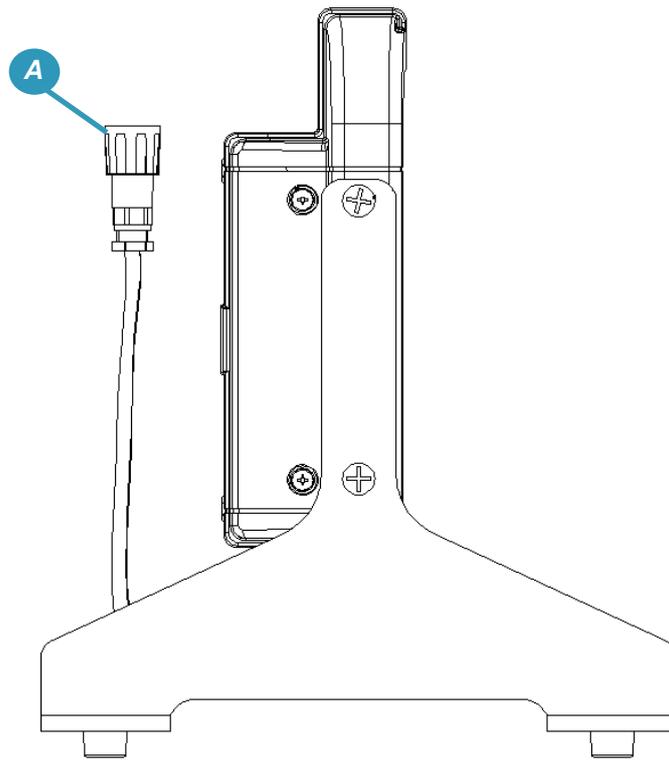
VII - Electrical connections of the BTX6015

1/ Connect the 110/230V AC power plug of the display panel to the wall socket or to output socket of the inverter.

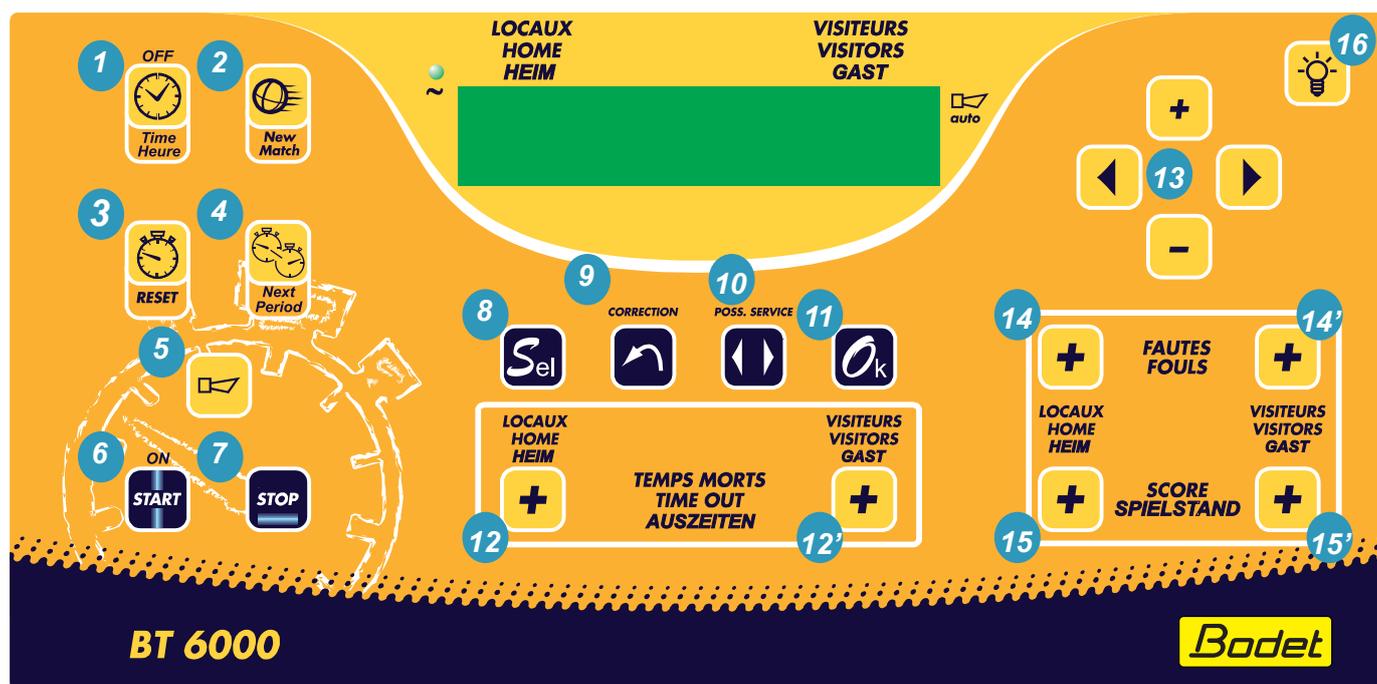


VIII - Electrical connections of the BTX6002

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

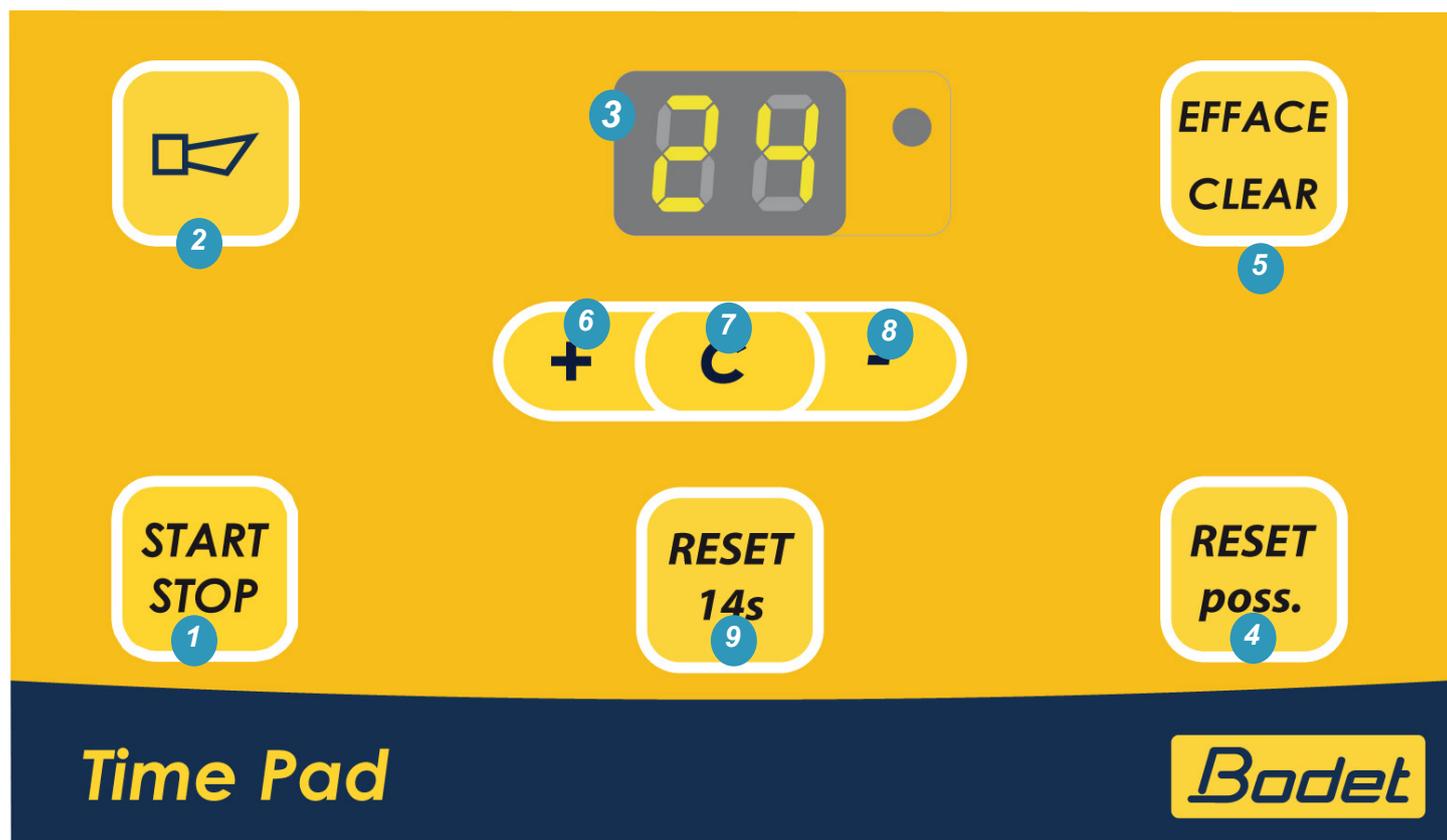


IX - How to use the main keyboard



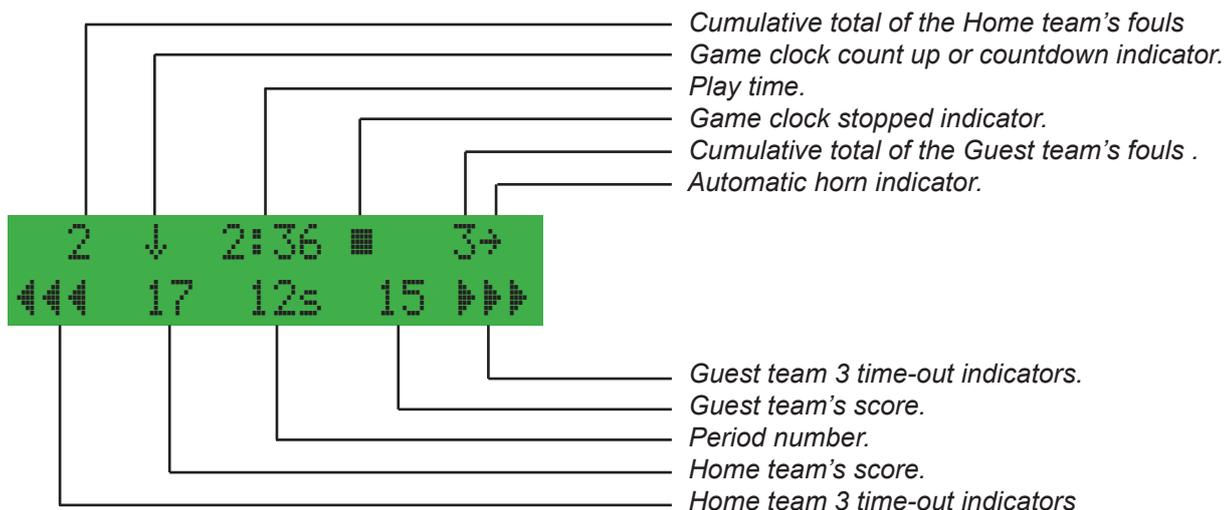
Function	Key nber
Time of day clock or game clock by pressing briefly.	1
Start a new game by pressing at least 3 sec.	2
Reset the game clock (stopwatch/timer) while the game clock is stopped and without resetting the scores.	3
Next period.	4
Unused.	5
Starts the game clock.	6
Stops the game clock	7
Access to the parameter setting menu	8
Correction mode: press this key briefly, the keyboard LCD display blinks. After rectification, press this key to return to active mode.	9
Unused	10
In game mode: starts a new game when pressed at least 3 sec. In parameter setting menu: validate the parameters and exit the menu	11
Unused	12 et 12'
Keys to navigate through the menus When starting a game: press briefly on the + and - keys to change the play time (minutes).	13
Unused.	14 et 14'
Add 1 to the Home team's score or to the Guest team's score.	15 et 15'
Adjustment of the display panel luminosity	16

X - How to use the shot clock keyboard



Function	Key nber
Starts/stops the shot clock .	1
Turns ON/OFF the horn. The horn blows as long as the key is pressed.	2
Display of the shot clock timing with Start/stop LED indicator.	3
Resets the shot clock to 24 sec.	4
Erases the display of the shot clock (only when the shot clock is stopped).	5
In edit mode, pressing once this key increments the shot clock time by 1sec.	6
Shot clock time edit mode: press once and the LCD display flashes. Edit using the key + (6) and key - (8) then press C (7) to go back to normal mode. Correction up to 90 sec.	7
In edit mode, pressing once this key decrements the shot clock time by 1sec.	8
Reset the shot clock to 14 sec.	9

X - Main keyboard LCD display



Nota : the rest times can be stopped during the countdown by pressing the «Star/Stop» key and the timeouts by pressing the appropriate «Time out» key. At the end of the countdown; the game clock does not restart automatically. To restart it press the «Start/Stop» key.

XI - Sport parameter setting menu

Type 1	Parameters	Description
Shot timer duration : 12 sec	1 to 99 seconds	Time left to attempt a field goal
Shot timer end stop game : No	Yes or No	Shot clock count reaching 0 stops the game clock.
End of period indicator : yes		
Shot timer at 0 indicator : No		
Shot timer 1/10 th : No	Yes or No	If Yes, the last second is displayed on the shot clock BTX6002 in 1/10 sec
Duration before game : 0 min	0 to 90 minutes	If = 0, no automatic countdown If > 0, the panel BTX6015 displays the countdown from the value that was programmed at the sport parameter setting sport. Press «Start» to launch the countdown.
Horn before game play : 0 min	0 to 90 minutes	To signal the beginning of the next match with a brief blow of the horn. If = 0: no horn.
Period Number /game : 1	1 to 9 periods	Select a game with 1 to 9 periods.
Period duration /game : 10 min	1 to 50 minutes	Select the duration of each period of a game.
Team foul maxi cumul. : 7	1 to 9	Select the maximum number of fouls allowed per team.
Individual foul number : 4	1 to 6	Select the number of personal fouls before exclusion.
Time out duration : 30 sec	1 to 99 seconds	Select the duration of the time-outs.
Auto horn time out end : No	Yes or No	If Yes the horn will honk automatically at the end of a time-out.
Horn before time out end : 10 sec	0 to 99 seconds	If=0, no automatic honking of the horn. If>0, brief honking of the horn before the end of the time-out.
Horn duration : 3 sec	0 to 5 seconds	If=0, no automatic honking of the horn. If>0, limits the duration of the honking of the horn to reduce the noise level in the sport hall
Keep display result : 30 sec	10 to 60 seconds by 10 sec. steps	Keeps displaying the result of the last period for a programmable length of time if the automatic rest time is not programmed.
Factory data load : No	Yes or No	If Yes, reloads the parameters as they were at the first start up of the Panel.

XIII - Technician menu

The technician menu is set at the factory according to the where the system will be installed.

To get to the Technician menu, press the keys OK + POSS/SERVICE of the main keyboard for at least 5 sec:

- Edit the value of each parameter with the + and - keys (13).
- To go to the next parameter use the ► key.
- To go back to the previous parameter use the ◀ key.
- To validate the parameter setting press OK.

This menu is for technician only Some parameters can alter the operation of the system.

LCD Display	Parameters	Description
Technician menu Luminosity: 1	1 to 5	Adjust the luminous intensity of the panel (in cluding BTX6002).
Technician menu Temp offset: 0	- 9 to 9 by1°C steps	Temperature offset adjustment.
Technician menu: GPS Sync.: 0	-12 to +12	Set the time zone. No automatic summer/winter change-over.
Technician menu Mode Eco: Oui	Yes or No	Select Yes to completely turn off the display panel (except for the clock stopped indicator) between minight and 6:00 am. The keyboard must not be in operation.
Technician menu Board type:6015A	6002, 6006, 6008, 6015, 6020, 6120, 6025, 6025A, 6125V1, 6125V2, 6125A, 6225, 6225A, 6325V1, 6325V2, 6325A, 6425, 6425A, 6525, 6525A, 6625, 6625A, 6030A, 6130A, 6230A, 6330A, 6530A et 6730A	Select the display panel to control. The main keyboard automatically adapt itself to the panel (ex. if BT6025 is selected, the keyboard does not ask to set the player number parameters). IMPORTANT: a wrong parameter setting will cause erroneous display on the panel.
Technician menu Channel ? : 1	1 to 6	Operating channel selection. Select a different channel for different zones.
Technician menu Board nb 1: Oui	Yes or No	Yes = the keyboard control scoreboard number 1. No = the keyboard does not control the scoreboard number 1.
Technician menu: Board nb 2: Non	Yes or No	Yes = the keyboard control scoreboard number 2. No = the keyboard does not control the scoreboard number 2.
Technician menu Board nb 3: Non	Yes or No	Yes = the keyboard control scoreboard number 3. No = the keyboard does not control the scoreboard number 3.
Technician menu Board nb 4: Non	Yes or No	Yes = the keyboard control scoreboard number 4. No = the keyboard does not control the scoreboard number 4.
Technician menu Board nb 5: Non	Yes or No	Yes = the keyboard control scoreboard number 5. No = the keyboard does not control the scoreboard number 5.
Technician menu Board nb 6: Non	Yes or No	Yes = the keyboard control scoreboard number 6. No = the keyboard does not control the scoreboard number 6.
Technician menu Modem :Auto	Yes, No or Auto	Select Yes if installation is wireless. Select No if installation is wired. Select AUTO if installation is both.
Technician menu: Language : F	F, GB, D, E, Da	Selection of the language: French, English, German, Spanish or Danish.
Technician menu keyb stop : 60 min min	0 to 90 minutes	Elapsed time since the last action on the keyboard before it turns itself off automatically. If selection = 0, the keyboard does not turn itself off automatically.
Technician menu 11/06/09 - V2_1A425	-	Display of the keyboard program version number and date. A