BODET Scorepad

OVERVIEW

User manual - General rules

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www.bodet-sport.com

afaq ISO 9001 Qualité AFNOR CERTIFICATION

afaq ISO 14001 Environnement AFNOR CERTIFICATION Trémentines plant

100% papier recyclé

C E

Ref.: 607977 H

Ensure on delivery that the product has not been damaged in transport.

Precautions

- Protect the device against splashed liquids, rain and excessive solar radiation.

- Do not use the device if damaged or uncertain.

- Check mains voltage.

- Do not open the unit case: no user-serviceable parts inside. If the unit case must be opened, call a qualified service technician. Always switch off the device and unplug all cables before opening.

- The information contained in this document may be changed without prior notice.

Table of contents

1.Introduction

- Bodet Sport provides various types of scoreboards (indoor, outdoor, damp environments, etc.) configurable for a wide range of sports. These scoreboard ranges are controlled by a single Scorepad console featuring a keyboard and touch screen to facilitate operation.

- Options and accessories are provided for use with the Scorepad console:
- 4-hour battery extension
- Start/Stop hand switch
- Possession console

- **IMPORTANT**: This manual describes all features of the console. However, depending on your configuration, some features, sports or options will not be available.
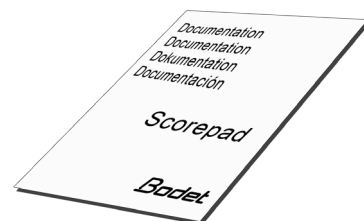
Installation

- Please refer to the installation manual matching your Scorepad console.
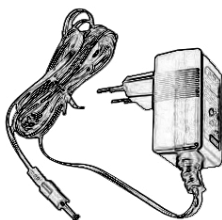
Packing list

- Check that the Scorepad packaging contains the following components and accessories according to your Scorepad version:
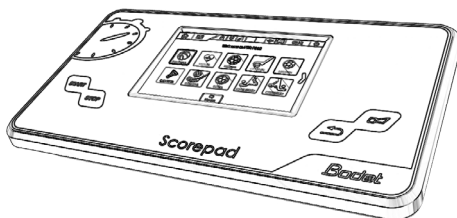
Scorepad

Quick start guide

Mains power supply

2. Safety and handling

📑 **IMPORTANT**: Failure to apply these instructions may result in damage to your Scorepad. Before using the Scorepad, please read all information on safety and handling.

Important information on safety

🖢 USE

Handle the Scorepad carefully. It is built in plastic (unit case) and glass (touch screen) and contains sensitive electronic components. The Scorepad may be damaged if dropped, burnt, punctured, crushed or brought into contact with liquids. Never use a damaged Scorepad: for instance, if it has a cracked screen, as this may cause injury.

🖢 CHARGING AND POWER SUPPLY

Charge the Scorepad with the mains adapter supplied. Using damaged cables or chargers, or charging in very humid conditions may cause fire, electrocution, injury, or damage to the product or other property. When the BODET mains adapter is powering or charging the Scorepad, make sure the connector is securely fitted into the adapter before plugging it into a mains outlet (green indicator LED when charging).

Important information on handling

🖢 CLEANING

Immediately clean the Scorepad if it comes into contact with a substance likely to stain or damage the touch screen. Use a wipe suitable for computer screens. Prevent any liquids from penetrating the device. Do not use cleaning products or compressed air. We recommend that the Scorepad is thoroughly cleaned after each use to prevent each user being infected with the coronavirus (COVID-19).

🖢 USING CONNECTORS AND KEYS

Never force a connector into a port and never depress a key with excessive pressure: doing so may cause damage not covered by the warranty. If you have trouble seating the connector in the port, this is probably because the connector does not match the port. Check for an obstruction and make sure the connector matches the port format.

🖢 OPERATING TEMPERATURE

The Scorepad is designed to operate at ambient temperatures ranging from 0°C to +40°C. The Scorepad may be damaged and its battery life shortened if used or stored out of this temperature range. Avoid exposing the Scorepad to sudden changes in temperature or humidity. During use or while charging the battery, it is normal for the Scorepad to heat up.

3. General view of the Scorepad

Overview of the Scorepad

1 Start key: starts the stopwatch.

2 Stop key: stops the stopwatch.

3 LCD touch screen: configures all sports display settings.

4 Buzzer key: immediately starts or stops buzzer.

5 Correction key: corrects last action.

1 USB-a port: loads data (match configurations, player or team lists, partner logos, etc.) from a USB drive.

2 RJ45 network port: sports data communications with the Ethernet network.

 Sports protocol transmission:

 - Simple format for TV embedding (displays stopwatch, score, possession time, total fouls and individual fouls).

3 USB-b port: USB-b port: connects to a second Scorepad.

4 HDMI port: connects to a TV-type display device.

5 Mini DIN port with lock: BODET sports data bus to connect to a Bodet scoreboard.

6 2 RJ12 ports: connect to additional consoles (referee whistle, possession console, Start/Stop hand switch, etc.).

7 Jack socket: power supply and battery charger.

8 1 green LED: indicates mains power ON.

9 1 RESET button: turn off the keyboard.

In case of a frozen screen (unresponsive touch screen) press the RESET button 9 . In case of malfunction, try to restart the Scorepad (refer to chapter 4: Star-up) or try to turn it off by pressing the RESET button (refer to chapter 3. Overview of the Scorepad).

👈 **7" LCD TOUCH SCREEN: CAPACITIVE MULTI-TOUCH**

It only takes a few simple gestures (touch, drag and sweep) to use the Scorepad touch screen:
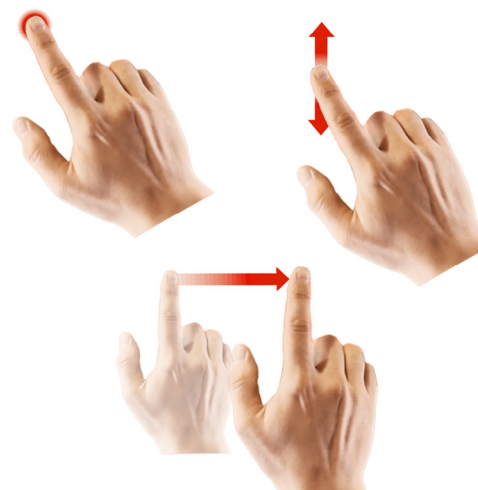
Accessories

🖝 BATTERY EXTENSION

The battery extension provides extra runtime for the Scorepad in the event of a mains power-out (up to 4 hours) so that the Scorepad can remain in service for the duration of the match.

This Lithium-ion battery is installed exclusively by our technical staff:

- in-factory for new consoles.
- on consoles in service: our customer support team installs and tests the device for correct operation.

Note: The standard battery supplies a power reserve for continuous console operation of approx. 15 minutes. This battery is therefore not designed to power the Scorepad for the full duration of a match.

🖝 START/STOP HAND SWITCH

The Start/Stop hand switch connects to the Scorepad via the RJ12 port. It is used to start and stop the stopwatch.

🖝 POSSESSION CONSOLE

The possession console is used with the possession digit displays (Basketball or Water Polo). This console connects to the Scorepad via the RJ12 port.
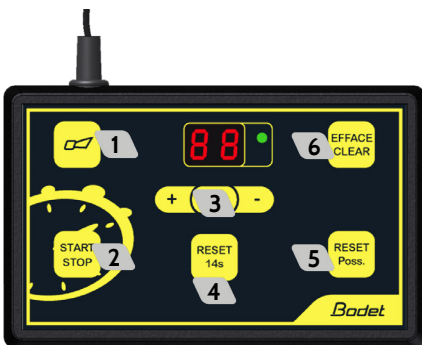
1 Buzzer key: immediately stops buzzer.

2 Starts or stops the possession time count.

3 Correction mode: short press on `C` : the display flashes. Press `+` to increase possession time by 1 second steps or press `-` to decrease by 1 second. Press `C` to return to normal mode. Correction is possible up to 90 sec.

4 Reset possession time to 14 seconds.

5 Possession time is reset according to the sport being played (if pressed and the game time stopwatch value is less than the possession time value: digit displays are reset).

6 Resets possession time display only if possession time is stopped (the display (24) is also reset). Cancels 24 or 14 sec RESET if pressed < 2 sec after pressing the RESET key.

Communications

🖎 HDMI

The HDMI output allows the Scorepad to communicate with display devices via an HDMI cable. For instance, it can be used to display sports data on an LCD-type screen.

The HDMI output resolution is 1280 x 720 pixels.

Background colour or image are now user-selectable.

🖎 NETWORKING PROTOCOL OPTION

The Scorepad uses a networking protocol to send data to various display devices (TV, remote screens, press control room, etc.) depending on the protocol selected (enabled by our technical staff (see page 13).

<div align="center">

IMPORTANT

</div>

🖎 These options are installed exclusively by our technical staff:

- In-factory for new consoles.
- On consoles in service: our customer support team installs and tests the device for correct operation.

🖎 IMPORTANT: The secondary keyboard function with offset of faults and individual points is only available for basketball sports.

🖎 Do not disconnect the cables during the match, however if this happens let the desks restart the communication between them.

4. Start-up

Device commissioning

🔹 Starting the Scorepad: Press START and wait for logo to display **Bodet** .

🔹 Powering off the Scorepad: Press ⏻ (or the STOP key until the confirmation pop-up appears):
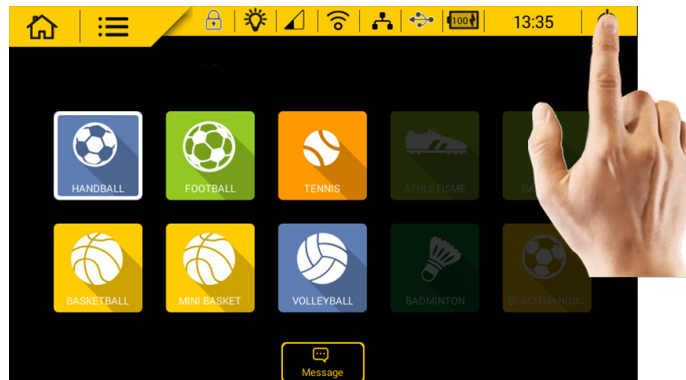
A confirmation screen comes up. Click **OK** ✔ .

🔹 Selecting a sport: Press the desired sport:
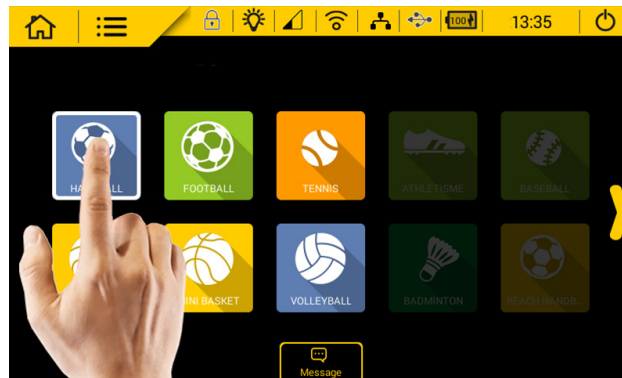
🔹 Changing or exiting a sport: Press 🏠 :
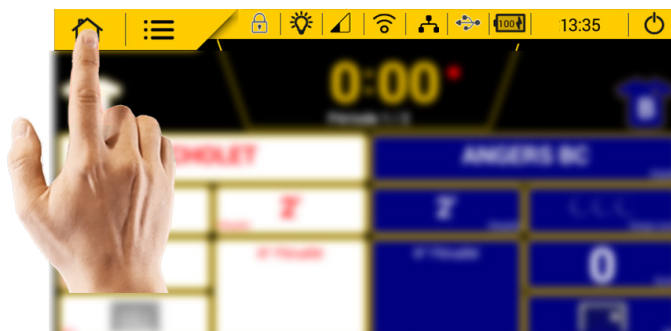
A confirmation screen comes up. Click **OK** ✔ .

🔹 Starting or stopping the stopwatch: Press START or STOP

🔹 Manually starting the buzzer: Press

🔹 Correcting the last action: Press

Icons and information in the screen header bar

The icons in the screen header bar show information on the console:

Status icons		Meanings
	Home	Returns you to the home screen at any time. **Note: A confirmation window appears to confirm your choice.**
	Settings	Access console configuration menus: advanced user menu and technician menu.
	Locking	Locks the touch screen.
	Brightness	Individually adjusts the brightness of the console touch screen and scoreboards (score and possession time displays).
	Communication status	Shows wired or radio communication status. ◢ indicates communication is OK. Weak reception: 1 bar, average reception: 2 bars, good reception: 3 bars. ✕ indicates communication problems. △ indicates communication is too weak between the console and the scoreboards.
	WiFi	Indicates Scorepad is connected to an existing WiFi network. *(Function not available on this version).*
	Network	Indicates Scorepad is connected to your existing LAN.
	USB	Indicates a USB drive is connected.
	Battery level	Indicates battery level or charge status. ⊏⊐ indicates low battery level.
10:12	Time	Shows console time.
	Off	Powers down the console. **Note: A confirmation window appears to confirm your choice.**

General menu information and functions

- **Save** ⤳ and **OK** ☑ are used to save settings and close the relevant window.
- **Cancel** ☒ closes the relevant window without saving changes.
- **Rename** is used to change the name of a configuration or team in the Scorepad.
- **Copy** is used to duplicate a configuration, a team, a menu, or a setting. A window opens to save under a new name.
- **Delete** is used to delete the configuration.
- **Advanced settings/Technician menu** opens a new window to access advanced settings or the technician menu.

Keys or features that are greyed out are inactive.

Keys or features that are yellow are active and configurable.

5. Menus

Welcome message (Home page)

1) Click Message 💬 then select a message from the list displayed.
2) Edit the message with 🔧.
This message will be displayed on scoreboards featuring an alphanumeric strip display or on video screens.

Launch this message:
3) Select the message
4) Click ⤳ **Launch distribution**

Change the time

To change the time on the scoreboard:
1) Go to the general menu by clicking on ☰.
2) In the display section, click on **TIME/DATE**.
3) Under settings, click on **TIME/DATE,** then change the time.

Lists of settings for each menu type

1) Access the main menu by clicking ⬛.

Headings	Settings	Descriptions	Main menu	Menu Advanced parameters	Technician menu (code: 4934).
Sport and clubs					
	Keyboard sport list	Displays the list of sports you want to appear on the home screen (8 sports favourites)	-	-	√
System					
	Version (VER)	View information about the keyboard version.	√	√ (update)	√ (update)
	Keyboard and score-board test	Test the scoreboard display. Test sequence: 1) Display shows the panel number on the main panel. 2) Display shows the panel's EPROM version. 3) Display shows the ribbon cable number for each module (flashing). 4/ Display shows the address of each module on the ribbon cable. 5) Display shows all LEDs of all modules (also possible using dip-switch 3 on the board). 6/ All modules become black.	√	√	√
	Back to factory prog*	Reload factory configurations and reset the sports settings.	-	-	√
	Language	Change the language of the keyboard	√	√	√
Display					
	Time / Date	Displays and sets the time and date of the keyboard and the scoreboard(s) (from 1 to 6). Option: Time display mode: the scoreboard's time display is always on ECO time display mode: 12 am. / 6 am. (the scoreboard displays the time but turns off from 12 am. to 6 am.) OFF: the scoreboard is off (all black)	√	√	√
Communication and connectivity					
	Communication	Communication status on the scoreboard(s): - Enter the name for each scoreboard (24 characters max) - Choose the type of communication between the keyboard and the scoreboard(s): scoreboard range, wired, HF radio - Choose the installation number - Choose the number of the transmission channel	-	√	√
	Duplicate HDMI	Duplicate the Scorepad keyboard screen's display to an HDMI-connected LCD screen	-	-	√
	Local network	Use the ON/OFF button to activate the function: Sport BUS protocol sent for the TV display	-	-	√
	Communication protocols	Create a communication protocol by filling in the parameters	-	-	√
	USB	Load players, teams, team logos. This option also allows you to save a game's information and import/save the configurations by sport or licence key (WhoIAm)	-	-	√
Miscellaneous					
	Welcome text	Display and set a welcome text and the name of the keyboard on the home screen of the Scorepad keyboard	-	-	√
	Keyboard name	Display and set a name for the keyboard on the home screen	-	-	√

* WARNING: returning to factory settings deletes all saved parameters, as well as the settings for each sport and the teams registered. It is recommended that you save your settings on a USB drive before starting this operation.
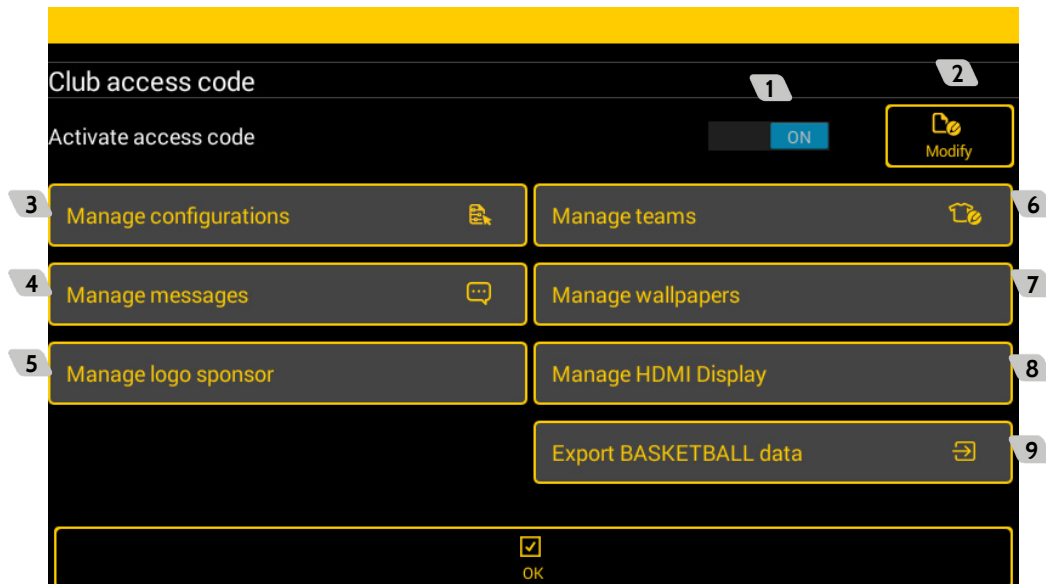
6. Club access by sport

1) On the home screen, select the relevant sport.

2) Click the 🔒 **Club access** button.

You are prompted to enter the default Club access code: 1234.

The following window opens:

[1] to activate or deactivate the Club access code.

[2] to change the Club access code.

[3] to create/update/delete configurations. It is possible to import, export and order configurations.

[4] to create/update/delete messages. It is possible to import and export messages.

[5] to rename or delete sponsor logos. It is possible to import and export logos.

[6] to create/update/delete team configurations. It is possible to import, export and order team configurations.

[7] to rename or delete backgrounds. It is possible to import and export backgrounds.

[8] allows you to delete/import/export an HDMI display configuration.

[9] export the sport data (the example on the screen capture shows basketball).

7. Using the TeamEditor application

1- Connect a USB flash drive to the Scorepad keyboard.

2- Click on ⇔ in the banner on the top of the Scorepad home screen.

3- Select **Export TeamEditor** and wait while the app is loaded on the USB flash drive.

4- Once the loading has been completed, click on **OK** and remove the USB flash drive.

5- Connect the USB flash drive to a PC and open the directory of the USB flash drive.

6- Open the **TeamEditor** folder and click on the HTML **TeamEditor_.html** file.

Note : use a web browser sur as Google Chrome or Mozilla Firefox or Opéra.

7- Choose a sport on the home screen (example below with Basketball) :
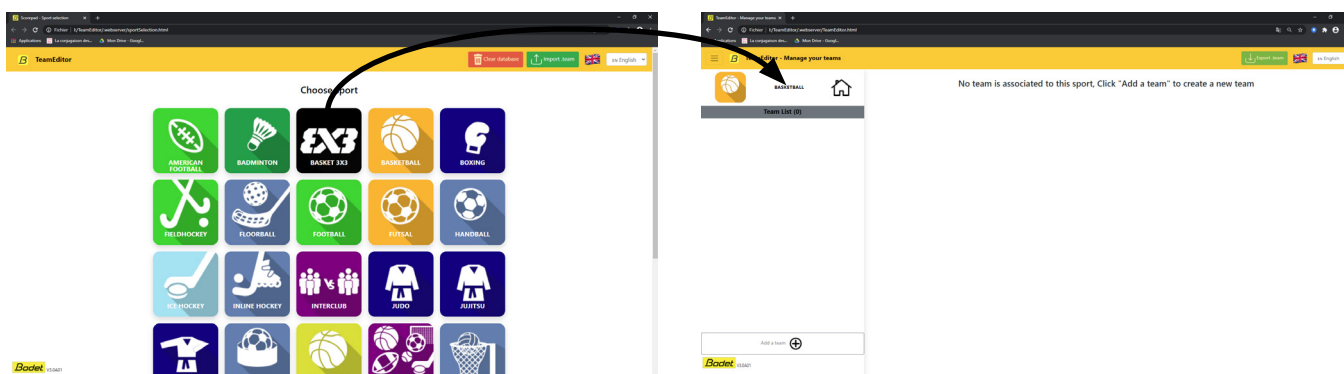
8- Click on **Add a team**:
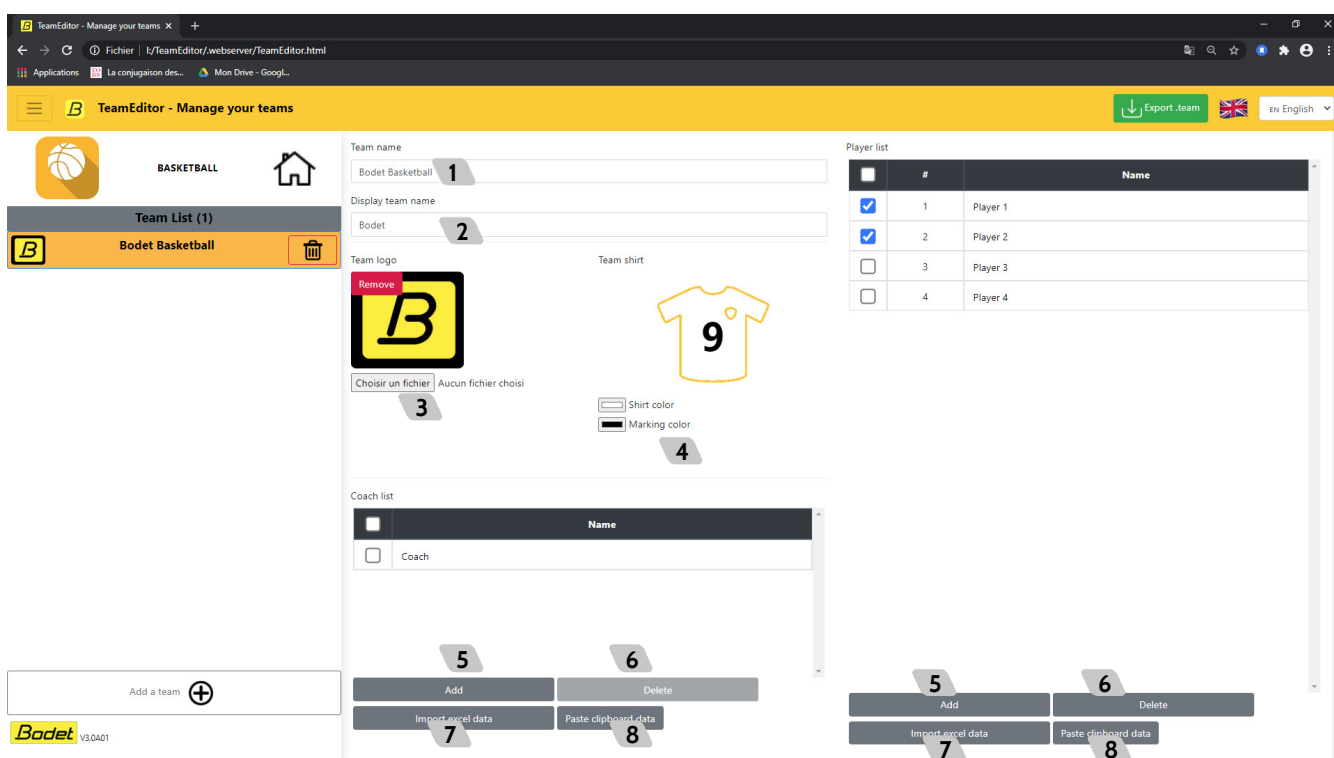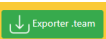
1 Type in the team's name.

2 Type in the team's name that will be displayed on the scoreboard.

3 Import a team logo.

4 Choose the team color.

5 Add one or several players or coach(es).

6 Delete one or several players or coach(es).

7 Import the Excel file and fill in the rows and columns you want to retrieve and display:
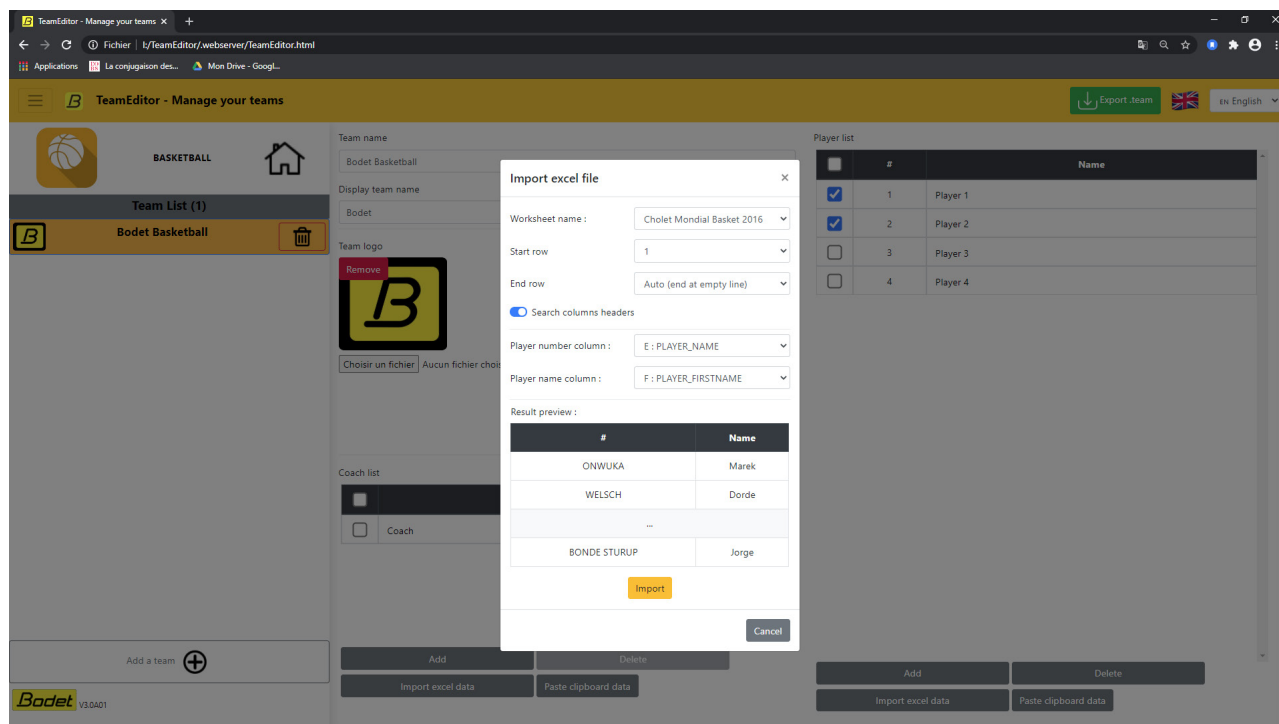
8 Paste the content of the clipboard (in case that you copied the content of a file present on you PC).

8- Click on [Exporter .team] and save the file (extension *.team*) on a USB flash drive.

9- Connect the USB flash drive to the Scorepad to load the teams.

10- Click on [⟷] in the banner on the top of the Scorepad home screen.

11- Select *Import/Export the teams on USB* and choose the sport in the list proposed by the Score-pad.

Note: you will be prompted for the access code before being able to import (or export) the file.

12- The last step consists in selecting the parameters to be imported:

13- Click on *OK* and the *Import*

8. Update Scorepad

Update the SCOREPAD keyboard from version V3.0

1) Go to the following web page: https://update.bodet.com/fr

2) If you have a version prior to V3.0, download the update by clicking on **[Download Scorepad/Score-app V3.0]** and then update the Scorepad keyboard(s).

3) After contacting Bodet customer or sales support, you will be sent an e-mail with a link to click.

4) From the Scorepad keyboard(s), download the individual WhoIAm file for each keyboard to be updated onto a USB drive. The procedure is described on the web page (link received after the update request) by clicking on **[Scorepad].** Two windows open on the keyboard screen:

> - 1st window: fill in the serial number of the keyboard indicated on the label affixed to the back of the product. If this label is no longer present, contact Bodet customer support.

> - 2nd window: customise the name of the Scorepad keyboard. This identifies the keyboard(s) to be updated. This name will appear on the home screen of the keyboard and also on the download page of the WhoIAm licence files on the website.

5) Load the WhoIAm file(s) into the update interface.

6) Click on **[Send to Bodet].** A new page allows you to download the files:

> - 1 software version for all Scorepad keyboards.

> - 1 licence per Scorepad keyboard.

8) Download these files to a USB drive.

9) Load these files into the Scorepad keyboard to perform the update as described below. The software version is shared by all the Scorepads to be updated. However, in each keyboard, load the WhoIAm file with the same name as the product.

Note: a new link will be sent by e-mail. It allows you to download the files: keep this e-mail in a safe place; it can be used to download these files again should you need them in the future.

Updating the SCOREPAD keyboard

1) On the home page, click ▤ .

2 - Click on 🔧 **Advanced settings**

3) Insert the USB drive with the update file and the activation licence on the keyboard.

NB: this file has a .fw extension.

4) Under the System heading, click on **Version VER**

5) Click ⬇ to launch the update. This update may take several minutes.

Configurations remain stored in the memory and are not lost.

6) When the keyboard version is up to date, this is shown in green.

9. Importing content into Scorepad from a USB stick

1) Start the Scorepad keyboard.

2) On the homepage, click [≡].

3) Click the 🔧 **Technician menu.**

4) Connect the USB stick loaded with the files that you want to import.

5) In the **Communication and connectivity** section, click **USB**.

6) A popup window prompts you to select either import or export. Click ⬇ **Import** to import content.
   The storage space is limited to 1 GB.

7) Depending on the type of files contained on the USB stick, certain parameters will be enabled or disabled:
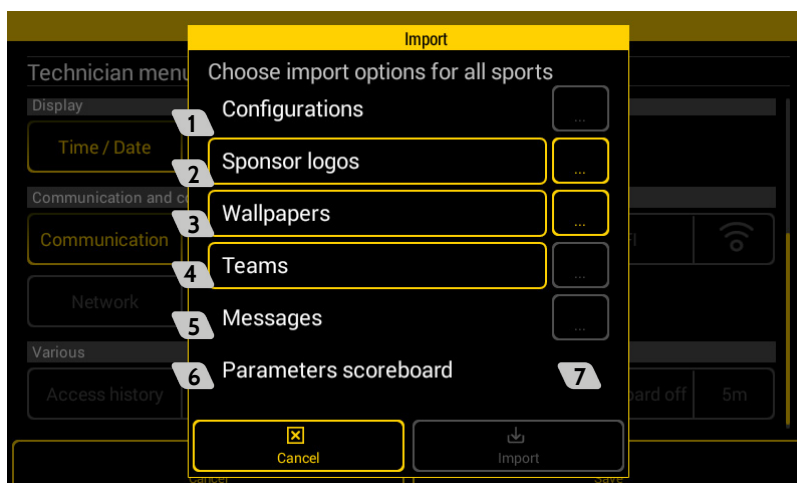
1 To import the match configurations previously retrieved on another Scorepad keyboard. The file extension is: .param

2 To import sponsor logos. The file extensions are: .png, .jpg, .jpeg

E.g.
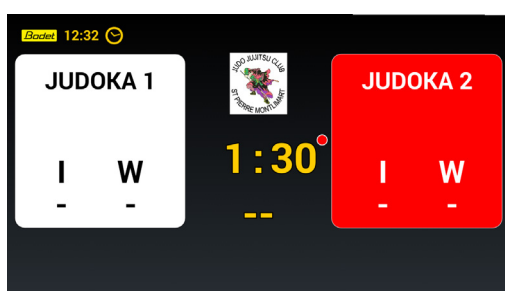
Without sponsor logos
(HDMI screen output)
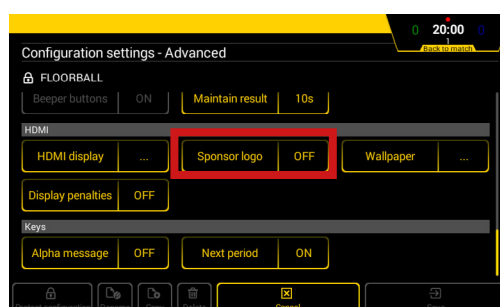
Scorepad configuration screen
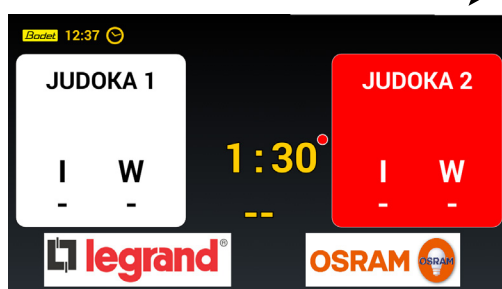
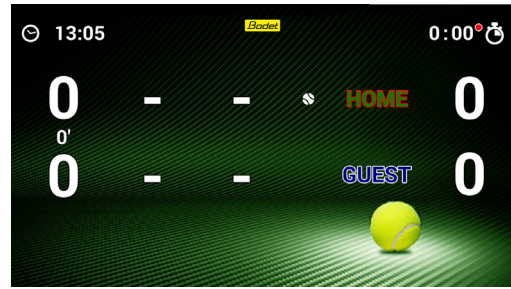**With 2 sponsor logos**
(HDMI screen output)
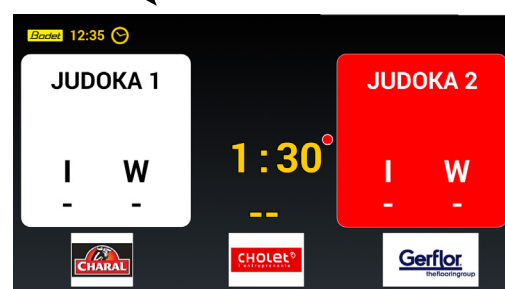
With 3 sponsor logos
(HDMI screen output)

3 To import wallpapers. The file extensions are: .png, .jpg, .jpeg

E.g.
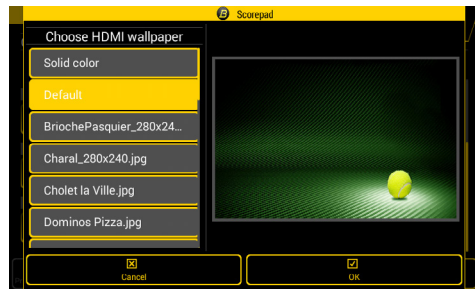
| **Scorepad configuration screen** | **Screen output (HDMI)** |

| **Scorepad configuration screen** | **Screen output (HDMI)** |

4 To import the teams previously retrieved on another Scorepad or created from the TeamEditor software. The file extension is: .team

5 To import messages. The file extension is: .param

6 To import the scoreboard parameters (communication mode, type and number of scoreboards in the room). The file extension is: .param

7 For each option, these buttons are used to select the visuals on the root of the USB stick.

8) Click the relevant option, then click ⬇ **Import.**

Recommendation on the size of the files

◉ Background image for HDMI output: 1280 x 720 pixels

◉ Teams' logos: 270 x 180 pixels
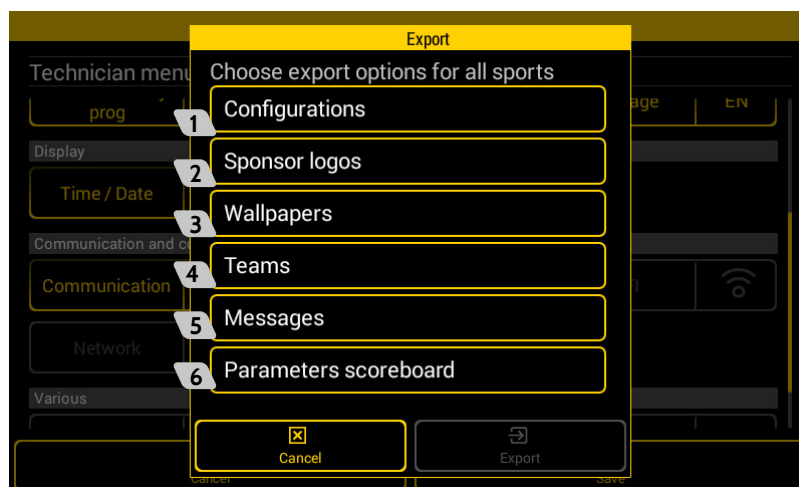
◉ Sponsors' logos:

- recommended: 250 x 115 pixels
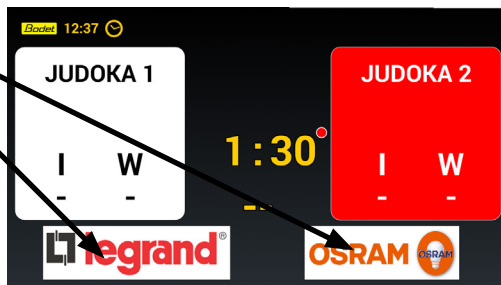
- possibility of applying the logo over the whole width of the screen: 1280 x 115 pixels
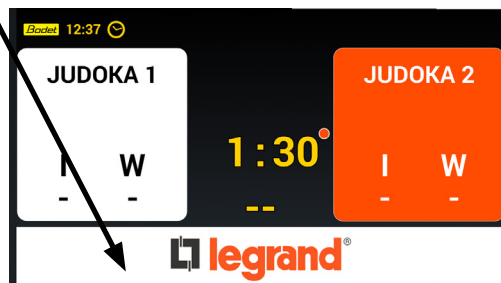
These resolution are given as « width x height ».

10. Exporting content from the Scorepad onto a USB stick

1) Start the Scorepad keyboard.

2) On the homepage, click ▤ .

3) Click the 🔧 **Technician menu**.

4) Connect the USB stick.

5) In the **Communication and connectivity** section, click **USB**.

6) A popup window prompts you to select either import or export. Click ⬇ **Export** to export content.

7) Select which parameters are to be exported by clicking on them:

1 To export the match configurations for each sport in order to use them on another keyboard. The file extension is: .param.

2 To export the sponsor logos in order to use them on another keyboard. The file extensions are: .png, .jpg, .jpeg

3 To export the wallpapers in order to use them on another keyboard. The file extensions are: .png, .jpg, .jpeg

4 To export the team list for each sport. The file extension is: .team

5 To export the list of messages created. The file extension is: .param

6 To export the installation configuration with the selected communication mode, type and number of scoreboards in the room. The file extension is: .param

8) Click the relevant option and then click ⬇ **Export.**

11. Display of sponsor logos on the HDMI output

Import the sponsor logos for the selected sport's match (e.g. Basketball 5 FIBA). The procedure is the same for other sports.
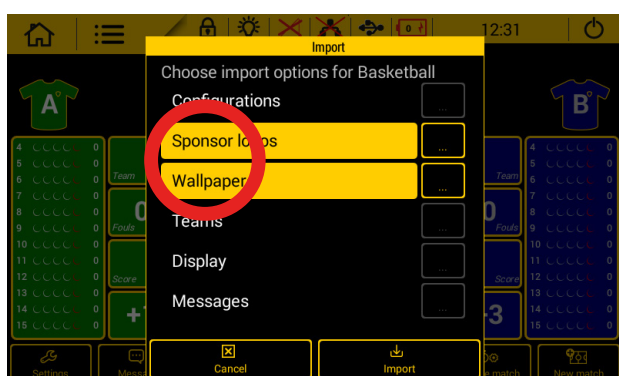
Step 1: select the USB port and enter your club access code (1234 by default)
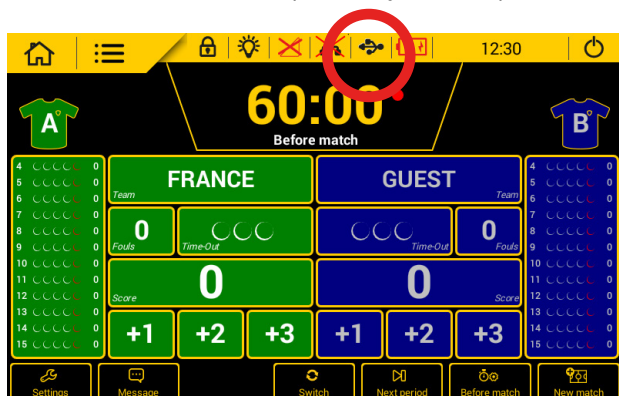
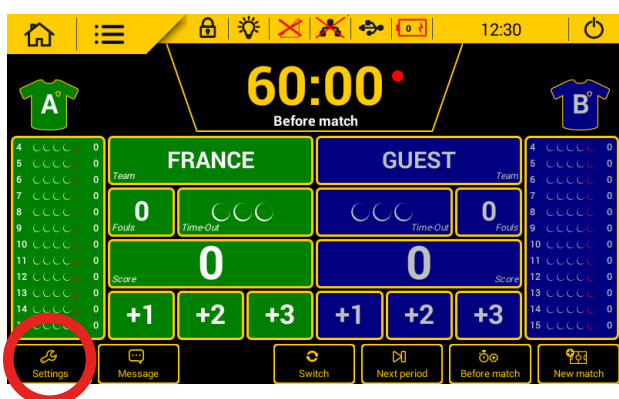**Step 2:** import the images stored on the USB key connected to the Scorepad keyboard
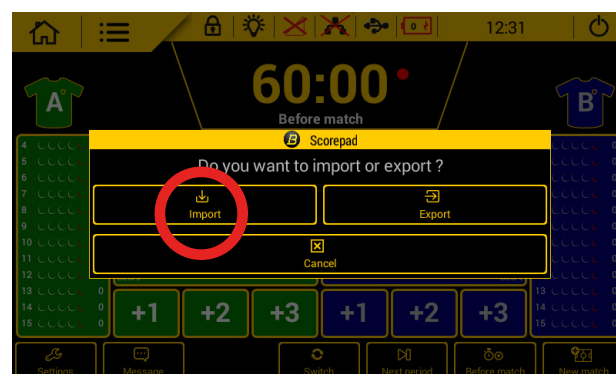
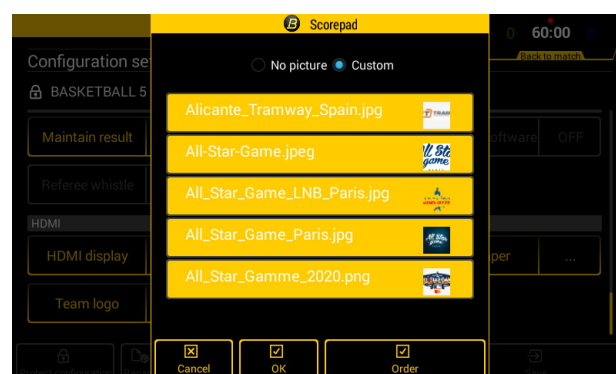**Step 3:** click on «Sponsor logos» and «Wallpapers» then click on «import»

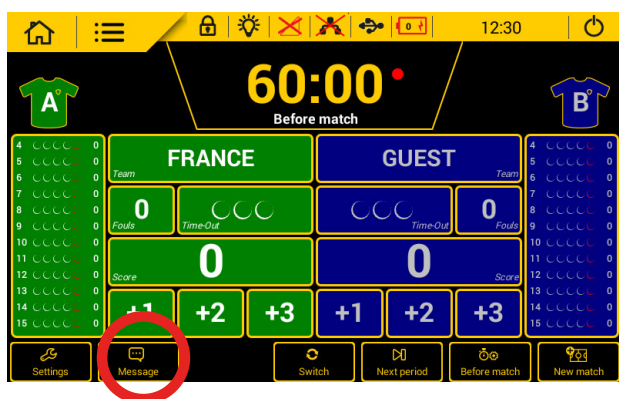**Step 4:** when the import has been successfully completed, the following message appears : :
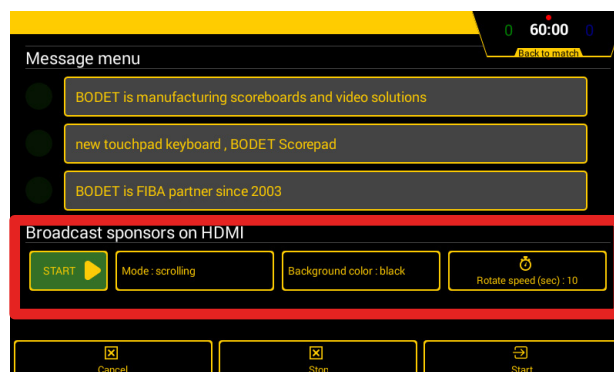

Step 5: click on «Settings»

Step 6: click on «Sponsors logo» and select the logos to be displayed:

Step 7: click on «message».

Examples of screen displays :

«Press» mode:

Step 8: choose whether the logos are displayed in scrolling mode in full screen by setting a rotation speed or in press display mode : :
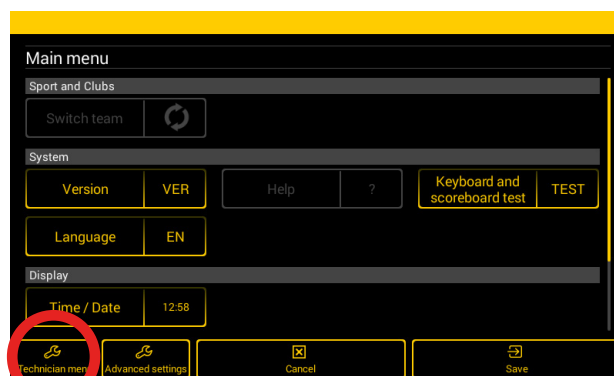

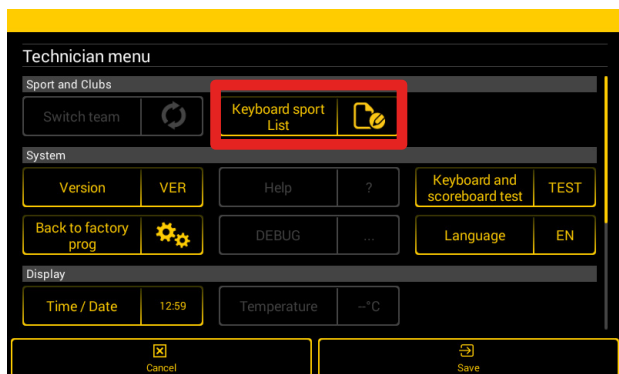«Scrolling» mode::

12. Configuration of the 8 favourite sports
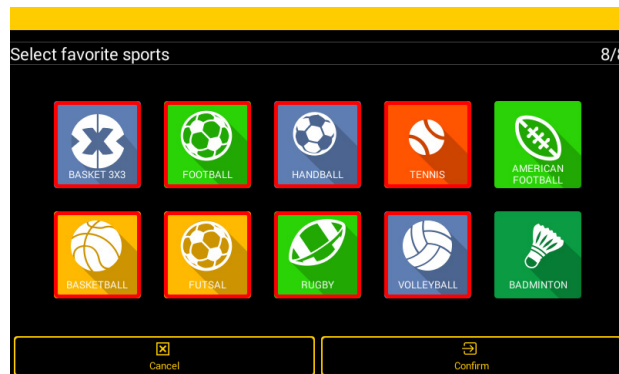
Step 1: access the main menu

Step 2: access the technician menu (password : 4934).

Step 3: click on «Keyboard sport List » button.**»**

Step 4: select the 8 preferred sports that will be displayed on the start-up screen (sports selection with a red frame)
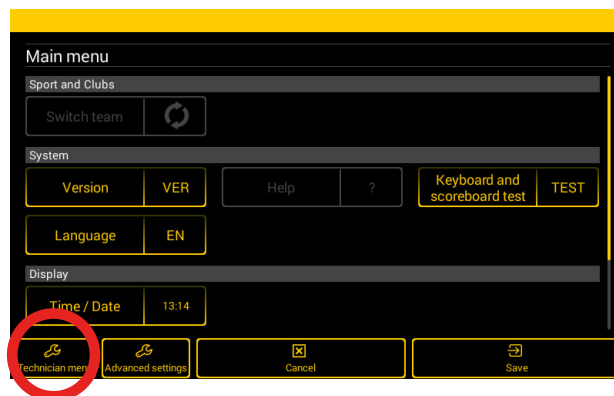

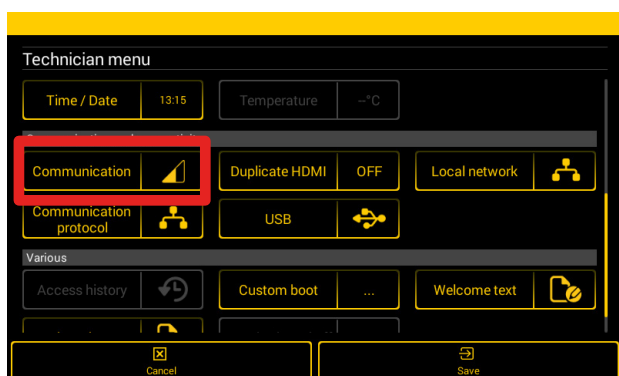# 13. Scorepad configuration for multiple rooms
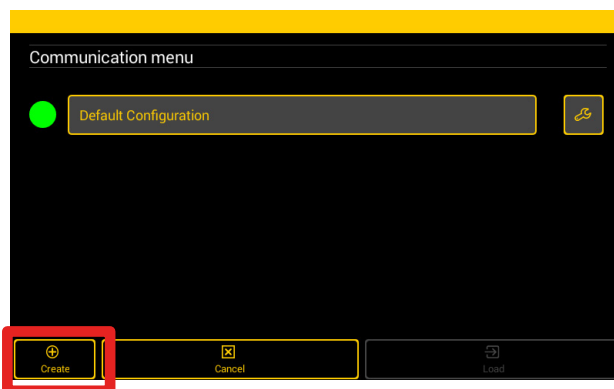
Step 1: access the main menu

Step 2: access the technician menu (password : 4934).

Step 3: click on the «communication» button

Step 4: click on the «create» button to add a configuration corresponding to the installation of a new room

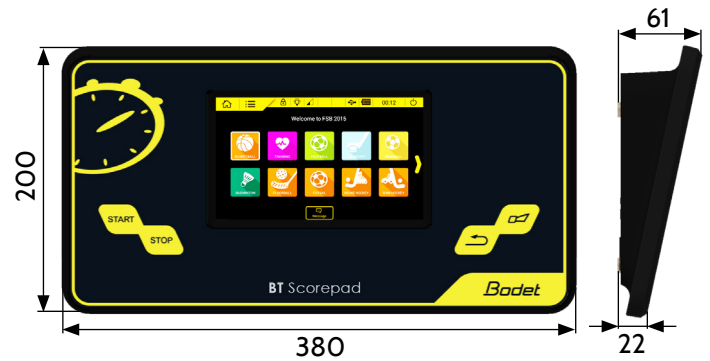Repeat these steps for each sports area where the Scorepad will be used

14.   Technical data

Electrical

🗨 Separate mains power supply: 100-240 VAC, 50/60 Hz.

Mechanical

🗨 Dimensions: L380 x H200 x W22/61mm
🗨 Construction: PC/ABS
🗨 Operating temperature: 0°C to +40°C
🗨 Protection rating: IP 20
🗨 Standard: Class II

7" LCD touch screen

🗨 Dimensions: L152 x H91 mm
🗨 Screen type: Capacitive LCD
🗨 Resolution: 800 x 480 pixels
🗨 Construction: Glass front, impact-proof and scratch-proof
🗨 Lifetime: 40,000 hours