



## Bodet 607977 SCOREPAD Keyboard User Manual

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The Bodet logo, featuring the word "Bodet" in a stylized, italicized, black font with a yellow outline, set against a solid yellow background.

# Bodet 607977 SCOREPAD Keyboard



## 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:

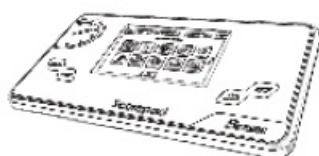
- 4-hour battery extension
- Start/Stop hand switch
- Possession console

**IMPORTANT:** This manual describes all features of the console. However, depending on your

## Installation

Please refer to the installation manual matching your Scorepad console.

## Packing list



Scorepad



Quick start guide



Mains power supply

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

## 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.

## 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.

- USB-a port: loads data (match configurations, player or team lists, partner logos, etc.) from a USB drive.
- RJ45 network port: sports data communications with the Ethernet network.
- USB-b port: USB-b port: connects to a second Scorepad.
- HDMI port: connects to a TV-type display device.
- Mini DIN port with lock: BODET sports data bus to connect to a Bodet scoreboard.
- 2 RJ12 ports: connect to additional consoles (referee whistle, possession console, Start/Stop hand switch, etc.).
- Jack socket: power supply and battery charger.
- 1 green LED: indicates mains power ON.
- 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. Reset possession time to 14 seconds.
4. 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).
5. 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)).

### IMPORTANT

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.

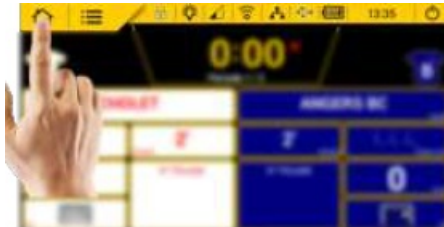
Do not disconnect the cables during the match, however if this happens let the desks restart the communication between them.

## Start-up

### Device commissioning



- Starting the Scorepad: Press and wait for logo to display .  
Powering off the Scorepad: Press (or the 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 or  
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:

### 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.

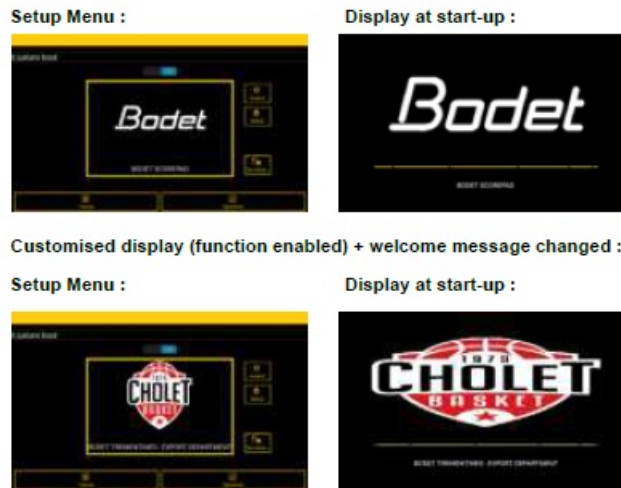
### Customise the start screen

To add a custom image to the start-up screen of the keyboard, follow these steps:

1. Plug in the USB stick containing the logo to be imported.

**Note** : only JPG and PNG files smaller than 2 MB are accepted.

2. On the Scorepad keyboard home screen, click on
3. Click on Technician menu (default password : 4934).
4. In the VARIOUS menu, select Custom Boot :



5. Enable the function with the ON/OFF button then click on Change,  
**Note** : Rename allows you to change the text under the image (e.g. Welcome to BODET Scorepad).
6. Select the file to import (on the USB key) then click on OK then on Save.
7. Reboot the keyboard to see the change made.  
Default display (if function enabled, if disabled : no logo display) :

## Menus

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.

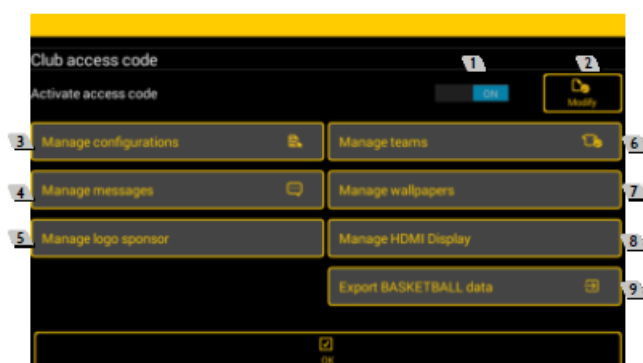
## Lists of settings for each menu type

| Headings                              | Settings                     | Descriptions   | Main menu | Menu Advanced parameters | Technician menu (code: 4834) |
|---------------------------------------|------------------------------|--|-----------|--------------------------|------------------------------|
| <b>Sport and clubs</b>                |                              |  |           |                          |                              |
|                                       | Keyboard sport list          | Displays the list of sports you want to appear on the home screen (8 sports favourites)  | -         | -                        | ✓                            |
| <b>System</b>                         |                              |  |           |                          |                              |
|                                       | Version (VER)                | View information about the keyboard version.<br>Test the scoreboard display.<br>Test sequence:<br>1) Display shows the panel number on the main panel.<br>2) Display shows the panel's EPROM version.<br>3) Display shows the ribbon cable number for each module (flashing).<br>4) Display shows the address of each module on the ribbon cable.<br>5) Display shows all LEDs of all modules (also possible using dip-switch 3 on the board).<br>6) All modules become black. | ✓         | ✓ (update)               | ✓ (update)                   |
|                                       | Keyboard and scoreboard test | Reload factory configurations and reset the sports settings.   | ✓         | ✓                        | ✓                            |
|                                       | Back to factory prog*        | Change the language of the keyboard  | -         | -                        | ✓                            |
|                                       | Language                     |  | ✓         | ✓                        | ✓                            |
| <b>Display</b>                        |                              |  |           |                          |                              |
|                                       | Time / Date                  | Displays and sets the time and date of the keyboard and the scoreboard(s) (from 1 to 6).<br>Option:<br>Time display mode: the scoreboard's time display is always on<br>ECO time display mode: 12 am. / 6 am. (the scoreboard displays the time but turns off from 12 am. to 6 am.)<br>OFF: the scoreboard is off (all black)  | ✓         | ✓                        | ✓                            |
| <b>Communication and connectivity</b> |                              |  |           |                          |                              |
|                                       | Communication                | Communication status on the scoreboard(s):<br>- Enter the name for each scoreboard (24 characters max)<br>- Choose the type of communication between the keyboard and the scoreboard(s): scoreboard range, wired, HF radio<br>- Choose the installation number<br>- 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)  | -         | -                        | ✓                            |

1. Access the main menu by clicking

\* **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.

## 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).

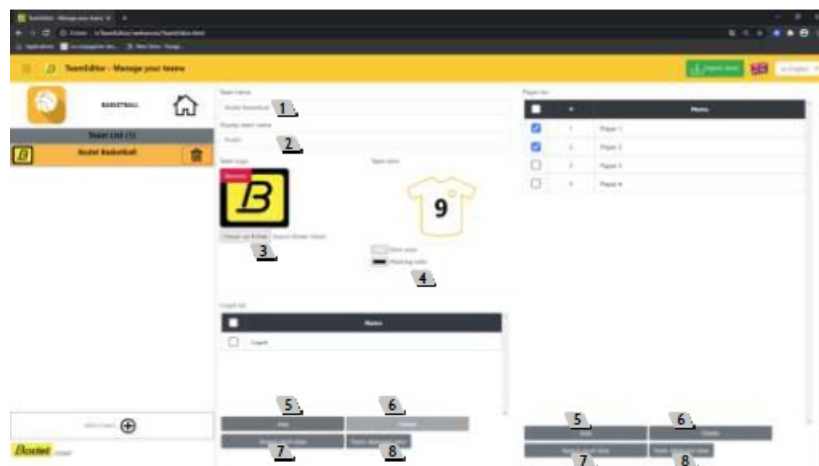
## Using the TeamEditor application



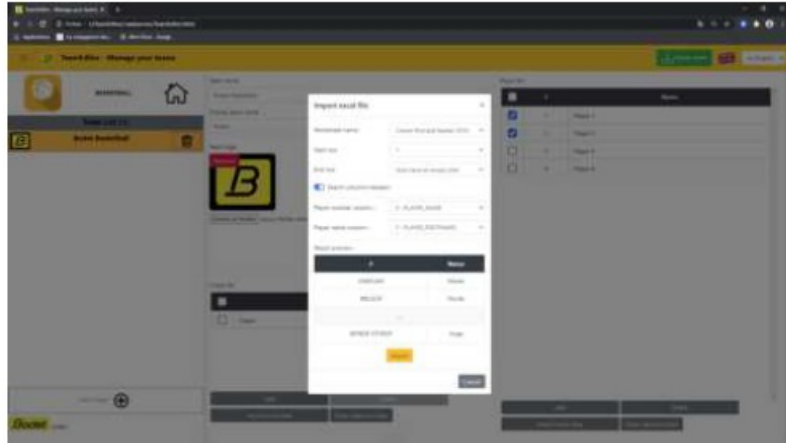
1. Connect a USB flash drive to the Scorepad keyboard.
2. Click on in the banner on the top of the Scorepad home screen.
3. Select Export TeamEditor and wait while the app is loaded on the USB flash drive.
4. Once the loading has been completed, click on OK and remove the USB flash drive.
5. Connect 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.

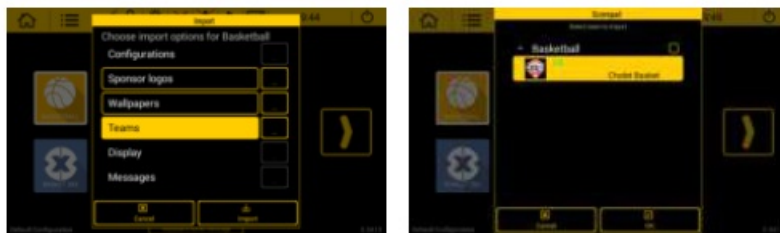
7. Choose a sport on the home screen (example below with Basketball) :
8. Click on Add a team:



- Type in the team's name.
- Type in the team's name that will be displayed on the scoreboard.
- Import a team logo.
- Choose the team color.
- Add one or several players or coach(es).
- Delete one or several players or coach(es).
- Import the Excel file and fill in the rows and columns you want to retrieve and display:



- Paste the content of the clipboard (in case that you copied the content of a file present on you PC).
9. Click on and save the file (extension .team) on a USB flash drive.  
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 Scorepad.
- 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:

## 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.

7. Download these files to a USB drive.



8. 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

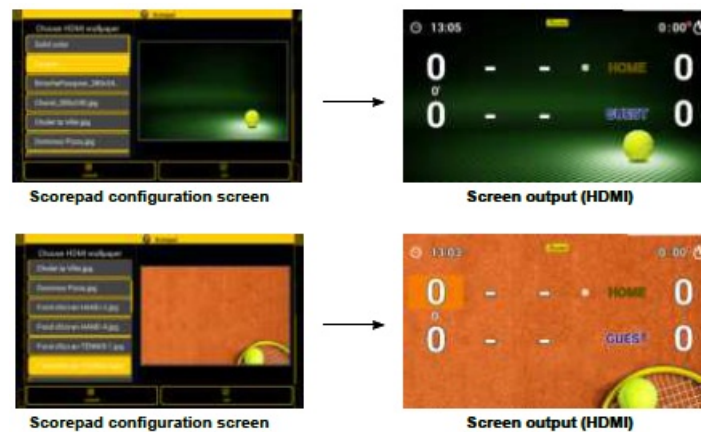
1. On the home page, click .
2. Click on Advanced settings
3. Insert the USB drive with the up- date file and the activation licence on the keyboard.  
NB: this file has a .fw extension.
4. Under the System heading, click on Version VER  
Click to launch the update. This update may take several minutes. Configurations remain stored in the memory and are not lost.
5. When the keyboard version is up to date, this is shown in green.

### 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:
  - To import the match configurations previously retrieved on another Scorepad keyboard. The file extension is: .param
  - To import sponsor logos. The file extensions are: .png, .jpg, .jpeg E.g.



- To import wallpapers. The file extensions are: .png, .jpg, .jpeg E.g.



To import the teams previously retrieved on another Scorepad or created from the TeamEditor software.

The file extension is: .team

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

## 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 ».

## 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:
  - To export the match configurations for each sport in order to use them on another keyboard. The file extension is: .param.
  - To export the sponsor logos in order to use them on another keyboard. The file extensions are: .png, .jpg, .jpeg
  - To export the wallpapers in order to use them on another keyboard. The file extensions are: .png, .jpg, .jpeg
  - To export the team list for each sport. The file extension is: .team
  - To export the list of messages created. The file extension is: .param



- 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

## 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».





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



«Press» mode:

«Scrolling» mode::

## 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)

## 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

## Configuring an Alpha interface

The Alpha interface allows you to configure team and player names of a Bodet scoreboard from the SCOREPAD keyboard:

### Configuration and commissioning:

- Step 1: Alpha interface configuration
  - Make sure you have configured the PC on the same network as the interface.
  - Open the Internet browser to the interface IP address. The default IP address of the interface is listed on the back of the product.
  - Password: moxa
  - Left menu: Operating Settings > port 1
  - Serial port configuration. Left menu: Serial Settings > port 1
  - Configuration of the network parameters to be respected:
- Step 2: SCOREPAD keyboard configuration

- Select on the home screen:
- Select Technician menu then enter the technician code (4934).
- Select Communication then click on :
- Select the scoreboard concerned then click on Alpha configuration:
- Enter the IP address and the interface port and click on Test communication:
- Click on Back.
- Click on Save.

### **Case of alphanumeric lines being switched off on the scoreboards**

According to the start-up order between the SCOREPAD keyboard and the Alpha interface, the alphanumeric lines of the scoreboards can be switched off after 2 minutes (reasonable waiting time) after loading the teams and players of the match in the SCOREPAD keyboard.

In that case, it is necessary to refresh the communication between the SCOREPAD and the Alpha interface. This procedure is to be carried out via the SCOREPAD keyboard:

1. In the upper menu bar, click on . The following screen is displayed:
2. Reload alpha and wait for a few seconds for the communication to be restored:

### **Case of an alphanumeric card being replaced**

1. Select on the home screen.
2. Click on Advanced settings.
3. Scroll down and click on Communication .
4. Click on the configuration corresponding to the installation (sports hall) where you have replaced the alphanumeric card.
5. Click on Load .
6. Restart the SCOREPAD keyboard.

## **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

## Documents / Resources

|   |   |
|---|---|
|  | <p><a href="#">Bodet 607977 SCOREPAD Keyboard</a> [pdf] User Manual<br/>607977 SCOREPAD keyboard, 607977, SCOREPAD keyboard, keyboard</p> |
|---|---|

## References

- [!\[\]\(f15d3c54be60b4fd0ce1da9fb3f67256\_img.jpg\) \*\*Bodet Sport - Expert in scoreboards & video display solutions\*\*](#)
- [!\[\]\(7bf135d42c40a6430c927b2fd03d7659\_img.jpg\) \*\*Mise à jour - Bodet Time & Sport\*\*](#)