Take control …

🇬🇧 *Quick guide*

Get a quick overview with this
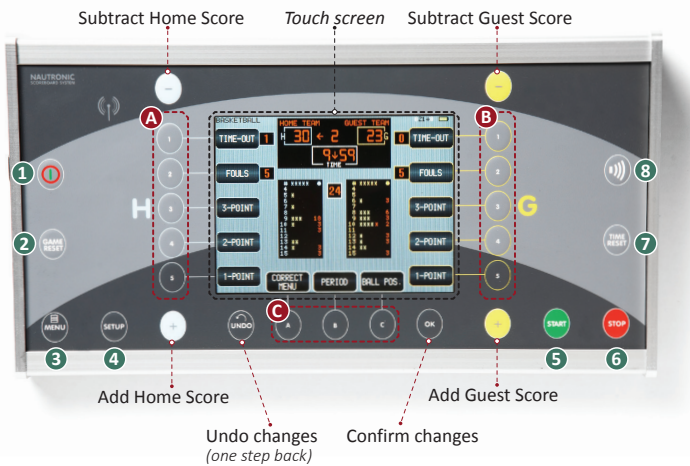Naucon-1000 Quick guide

NAUCON-1000

NAUTRONIC
SCOREBOARD SYSTEM
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Getting to know your Naucon-1000

Subtract Home Score   *Touch screen*   Subtract Guest Score

Add Home Score   Add Guest Score

Undo changes   Confirm changes
(one step back)

❶ *On/off*
Turn Naucon-1000 on and off.
When turning off the control panel, you must confirm by pressing **ACCEPT**.

❷ *Game reset*
Resets display – you must confirm by pressing **ACCEPT**.

❸ *Menu*
A menu on the touch screen will show *(Fig. 1, page 2)*.

❹ *Setup*
A menu on the touch screen will show *(Fig. 4a, page 5)*.

❺ *Start*
Game clock starts.

❻ *Stop*
Game clock stops.

❼ *Time reset*
Reset game clock*, you must confirm by pressing **ACCEPT**.

  **You can only reset time when the game clock is stopped.*

❽ *Manual horn*
Press to blow the horn.

Ⓐ Ⓑ Ⓒ
You can also use the click buttons refering to the buttons on the touch screen.

((·)) *Wireless communication*

H *Home*

G *Guests*

Start setting up your Naucon-1000

SPORT SELECT: Press the **MENU** click button on the console and you will see a screen of choices as shown below *(Fig. 1)*.
Press **EXIT SPORT** *(marked with a B)* to enter the screen SELECT SPORT *(Fig. 2)*.

Fig. 1 – Extra menu, the bottom buttons

Fig. 2 – Select sport menu

Fig. 1 – Bottom buttons:

Ⓐ *Return to sport*
You return to the sport you have already chosen. Changes you have made will take place.

Ⓑ *Exit sport*
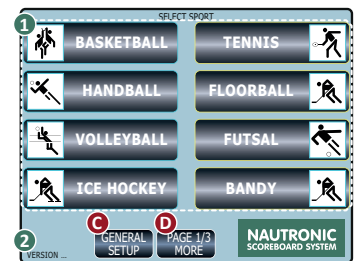Press **EXIT SPORT** to enter the SELECT SPORT menu *(Fig. 2)*.

Fig. 2 – Select sport:

Ⓒ *General setup*
You can enter the General setup menu and make changes concerning Naucon-1000 and the standard scoreboard settings.
Learn more about the General setup menu on page 3.

Ⓓ *Page 1/3 more*
Press **PAGE 1/3 MORE** to scroll the SELECT SPORT menu and choose between the various sports.

❶ *Select sport*
The choices of sports are listed in a menu – to scroll the menu press **PAGE 1/3 MORE**.

❷ *Version …*
Shows the latest version of software installed on the Naucon-1000 unit.

General setup

How to navigate in the GENERAL SETUP MENU.

Fig. 3a – General setup menu, page 1/2

Fig. 3b – General setup menu, page 2/2

Fig. 3a – General setup "PAGE 1/2":

❶ *Date, year and time of day*
You can change the day, month, year and time of day. Once set, the Naucon-1000 unit will receive time, date and year information from the main scoreboard. Naucon-1000 does not have a built-in timer.

❷ *Language*
Scroll through the various languages.

❸ *Start-up sport*
Set the default START-UP SPORT.

❹ *Text flow direction*
Toggle and choose between the directions of the rolling text line, from LEFT or RIGHT.

❺ *Board zone selection menu*
You can turn the zones ON or OFF.*[1]

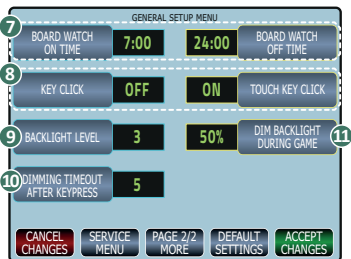*[1] If another Naucon-1000 is transmitting in the same zone, they might interfere.

❻ *Board info*
Naucon-1000 starts searching for scoreboards in the activated zones.
→ If a scoreboard is turned on and connected to Naucon-1000, the address*[2] from the scoreboard, sideboards or shot clocks is displayed on the touch screen.

*[2] An address is a refering number (10-69) in the BOARD ZONES SETUP menu. Learn more in the full Naucon-1000 User manual.

Fig. 3b – General setup "PAGE 2/2":

❼ *Board watch – on and off time*
Default the clock on the board will start up at 7 AM and turn off again at midnight. You can change both settings.

Set the clock to be on or off at all time:

00:00-24:00: The clock is always on.

00:00-00:00: The clock is always off.

❽ *Key click*
Turn ON or OFF a sound for the buttons on the touch screen or/and the physical click buttons on the console.

❾ *Backlight level*
Adjust the light intensity of the touch screen. **1** is lowest and **5** is highest intensity. Lower level extends battery life.

❿ *Dimming timeout after keypress*
Time before dimming the backlight on the touch screen *(0-99 min.)*.

⑪ *Dim backlight during game*
Adjust the light intensity of the touch screen during the game *(0-99% of the backlight level)*.

Fig. 3a and 3b – Bottom buttons:

Ⓐ *Cancel changes*
Press **CANCEL CHANGES** if you want to cancel your changes. You will then return to the previous screen.

Ⓑ *Service menu*
Enter SERVICE MENU.
→ Please ask your dealer for a password to enter this menu.

Ⓒ *Page 1/2 more*
Press **PAGE 1/2 MORE** to scroll the pages in the menu.

Ⓓ *Default settings*
Press **DEFAULT SETTINGS** if you want to return to Naucon-1000's default settings.

Ⓔ *Accept changes*
Press **ACCEPT CHANGES** if you want to save your changes. You return to the SELECT SPORT menu.

Selected sport – setup

Choose a sport from the SELECT SPORT MENU *(Fig. 2, page 2)* and press the **SETUP** click button on the console. You will see a menu like shown below *(Fig. 4a)*. Default settings will show with green text on the touch screen.
THE EXAMPLE BELOW IS BASED ON BASKETBALL.
SO PLEASE NOTE THAT THE MENU CAN VARY FROM SPORT TO SPORT!

Fig. 4a – Setup basketball menu "Page 1/2"

Fig. 4b – Setup basketball menu "Page 2/2"

Fig. 4a – "PAGE 1/2":

❶ *Edit lineups*
You can edit HOME and GUEST team. You will enter a screen where you can change the name and number of the players *(Fig. 5, page 7)*.

❷ *Period time*
Set the length of a period.

❸ *Break time*
Set the length of the breaks between periods.

❹ *Extended break time*
Set the length of the breaks between periods in an extended match.

❺ *Extended period time*
Set the length of an extended period.

❻ *Half-time break time*
Set the length of the half time break.

❼ *Count mode*
You toggle between whether the game clock is counting up or down by pressing **COUNT MODE**.

Fig. 4b – "PAGE 2/2":

❽ *Pre time*
Set the length of the time counting down before the match.

❾ *Shot clock short time*
Set the counting length of the shot clock's "Time 2".

❿ *Show sideboards*
Turn the sideboards ON or OFF.

⓫ *Shot clock time*
Set the time / seconds of count down for the shot clocks.

⓬ *Automatic horn*
You can toggle between turning the automatic horn ON or OFF.

⓭ *Player number selection*
Choose whether scores and penalties are given to a specific player or to the whole team.

LIST: Choose player number from a list.

TYPE: Type player number.

OFF: Scores and penalties are given to the whole team.

Fig. 4a and 4b – Bottom buttons:

Ⓐ *Cancel changes*
Press **CANCEL CHANGES** if you want to cancel the changes you just made. You will return to the screen from where you can operate the game.

Ⓑ *Page 1/2 more*
If there is more than one page you can press **PAGE 1/2 MORE** to scroll the setup menu.

Ⓒ *Default settings*
Press **DEFAULT SETTINGS** if you want to return to the Naucon-1000 default settings for the chosen sport.

Ⓓ *Accept changes*
Press **ACCEPT CHANGES** if you want to save your changes. You will then return to the screen from where can you operate the game.

Edit team lineups

When you have selected a sport *(Fig. 2, page 2)* you can press the **SETUP** click button on the console. Change the lineups by pressing **EDIT HOME** or **GUEST TEAM LINEUP**, you will enter a screen like shown below *(Fig. 5).*
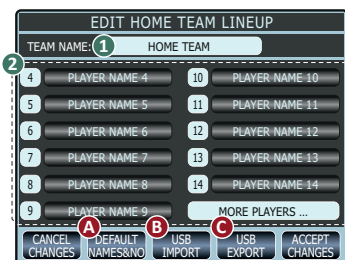
Fig. 5 – Edit home/guest team lineup

Fig. 6 – The text will show in red while editing

Fig. 5 – The editable boxes:

❶ Edit Home/Guest Team lineup
Click on the "TEAM NAME"-box on the touch screen. You will enter a screen with a keyboard *(Fig. 6)* which allows you to change the text line.

❷ Player name & number
Click on a **PLAYER NAME** on the touch screen. You will enter a screen with a keyboard *(Fig. 6)* which allows you to change the name.

When pressing a player number you will get a numeric keyboard for changing the numbers *(00-99 or blank).*

The **MORE PLAYERS …**-button toggles pages if more players than shown are avalible for a specific sport.

Fig. 6 – The interactive graphics:

❸ Editable text field
When entering the keyboard you can start to type or you can clear text . Remember to save your changes by pressing **ACCEPT**.

❹ Keyboard
Use the keyboard***** to type names of the players.

**Default keyboard is set to Western. Press the button marked with a D to change keyboard.*

Fig. 5 & 6 – Bottom buttons

Ⓐ Default names & no
When you press **DEFAULT NAMES & NO**, you reset the lineup and team name to the default text. You will have to confirm resetting before it takes place.

Ⓑ USB import
You can import a list with player and team names from an USB stick. Insert the USB stick with a CSV file *(Comma Separated Values file)* and press **USB IMPORT**. Your lineups will be imported from the file.
Learn more in the full Naucon-1000 User manual or contact your dealer for more information.

Ⓒ USB export
Exporting player and team names to an USB stick. Insert the USB stick and press **USB EXPORT**. Your lineups will be exported from Naucon-1000 to a CSV file called: "**TeamData.csv**" unto the USB stick.

Ⓓ Keyboard >Western<
Naucon-1000 has four different keyboards avaliable. Default is set to WESTERN. Press the button to change keyboard. Choose between **WESTERN**, **RUSSIAN**, **HEBREW** and **ARABIC**.

Ⓔ Clear text
Clear the text in the editable text field.

Updating the Naucon-1000 software

WARNING: **WHEN A SOFTWARE UPDATE IS PERFORMED, ALL SAVED CONFIGURATIONS WILL BE LOST AND SET TO DEFAULT!**

To update to the latest version of software to Naucon-1000, follow the steps below:

1 – Turn Naucon-1000 off.

2 – Mount the power-supply.

3 – Press and hold the **SETUP** button.

*While still holding the **SETUP** botton:*

4 – Turn Naucon-1000 on.

5 – Release the **SETUP** button.

6 – The touch screen will display the following text: "BOOTLOADER STARTED, INSERT USB DRIVE."

7 – Insert an USB stick with software supported by Nautronic a/s.

8 – The touch screen will display the following text: "DISK FOUND."

After 10-15 seconds:

9 – The touch screen will display the following text: "PLEASE REMOVE DRIVE."

10 – Remove the USB stick.

11 – The Naucon-1000 unit turns off.

→ Software update is done.

When Naucon-1000 is turned on for the first time after a Software update, it will take approximately 1 minute longer than a normal start up.

Fig. 7 – Naucon-1000, where does the plugs go

Connect to scoreboard

Shot clock handle

Power

Insert USB stick here

Trouble shooting

HARDWARE PROBLEMS: Locate the problem with a little help from the diodes and the illustration below, *Fig. 8*.
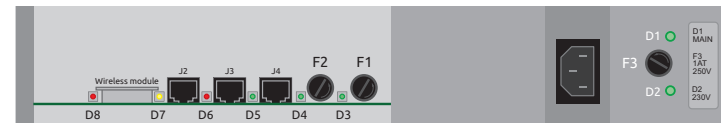
Fig. 8 – The bottom of a scoreboard

THE LEDS INDICATE THE FOLLOWING, WHEN A SCOREBOARD IS WORKING PROPERLY:

→ D1, D2, D3, D4 and D5 constantly light green.
→ D6 flashes red rapidly.
→ D7 flashes yellow once per second.
→ D8 flashes red rapidly – **but only if a radio module is present.**

D1 – MAIN
If D1 light is off:
Check fuse F3. *Press and turn F3 at the same time to check if the fuse is blown and must be replaced.*

D2 – 230VAC LED
If D2 light is off:
Check main power connection.

D3 – 12 VDC HORN
If D3 light is off:
Check fuse F1. *Press and turn F1 at the same time to check if the fuse is blown and must be replaced.*

D4 – 24VDC DIGIT
If D4 light is off:
Check fuse F2. *Press and turn F2 at the same time to check if the fuse is blown and must be replaced.*

D5 – 24VDC FOR NAUCON-1000
If D5 light is off:
Remove all plugs connected to J2, J3 and J4. If D5 light turns on, there might be a chopped circuit in the cables or in Naucon-1000.

D6 – DATA COMMUNICATION
If D6 light is off:
There is no data reception.
→ Check the cable connected to the control panel.
→ Check the wall connector.

D7 – INTERNAL OPERATION
If D7 light is either off or constantly on:
Internal units in the scoreboard might be damaged.

D8 – WIRELESS COMMUNICATION
If D8 light is off:
There is no radio signal reception.
→ Wireless module must be installed for D8 to function.
→ Check that the Naucon-1000 is turned on.

FUSES:

F1 → 5AF

F2 → 5AF

F3 → 1AT

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The entire guide is subject to alterations