



# Olympia Clocks

A quick guide



# Introduction

This is a quick guide to the clocks, and everything you need to know to use them at Olympia.

It includes step by step instructions on what to do if you have just turned up to table.

If you have more time or have questions that are not answered in this guide the documentation from Swiss timing is extensive. The console is called the “Console Saturn WP” and the current documentation can be found at the link below:

[https://www.swisstiming.com/fileadmin/Resources/Instruction\\_Manuals/3403.504.02.pdf](https://www.swisstiming.com/fileadmin/Resources/Instruction_Manuals/3403.504.02.pdf)

It can also be found in the cupboard (computer room) if it is unlocked.

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# Setting up for a game

## 1. Check the connections

Olympia staff set up all the clocks as we are not allowed to help for health and safety reasons. Some of the connections are unreliable.

1. Check the connection to the horn. The battery operated horn unit (Figure 1) often has a poor connection. You can test it by pressing the “Horn” button on the main controller. The controller will make a quiet beep when it is trying to sound the horn.
  - a. If it doesn't work, try pushing the wires in more.
  - b. This horn is used for end of time outs and end of periods – keep a whistle backup.
2. Check the horn direction. Make sure they are pointing towards the pool – not the table!
  - a. You may want to move them down to the sets below the table.



Figure 1 Battery operated horn unit

## 2. Set up the game clock

The clock home screen is shown in Figure 2.

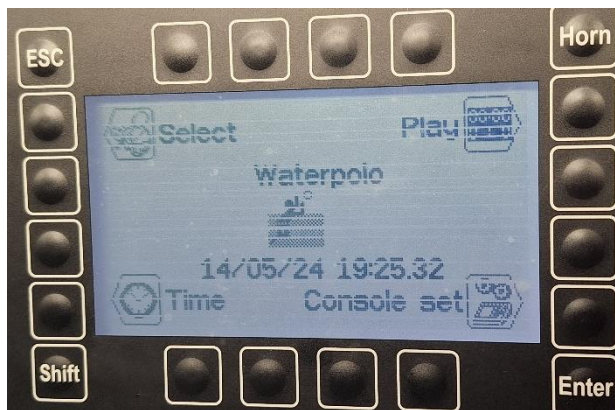


Figure 2 Clock home-screen

**Select** – Used to change sport mode and set settings such as clock timers, pause period etc.

**Play** – Start or resume game

**Console set** – Update team names (and more)

**Horn** – Test battery horn

## 2.1 Set team names

The console supports setting team and player names, but player names are not displayed with our set-up.

1. From the home-screen press Console Set
2. Press name (Fig 3)
3. Set Visitors name
  - a. Press visitors (Fig 4)
  - b. Press “Team” (Fig 5)
  - c. Use the clear key and arrow keys to clear name
  - d. Key in new name
  - e. Press **Enter** to confirm.
4. Set home name (if required)
  - a. Press Home (Fig 4)
  - b. Update (same as visitors)
5. Send names to board
  - a. Press Send name (Fig 4)
  - b. Wait until names appear on scoreboard (Fig 6)
  - c. Press escape to stop sending
  - d. Press enter to exit Team name menu
6. If board does not update (e.g. says Home vs Visitors) see “Cupboard computer – Make team names display on the board”.

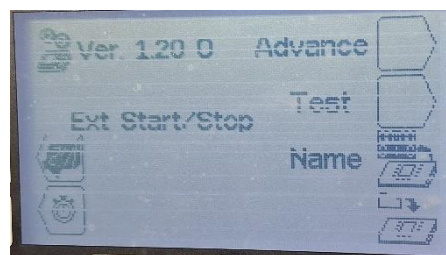


Figure 3 Console set screen

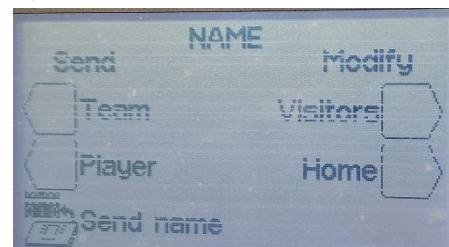


Figure 4 Name change screen

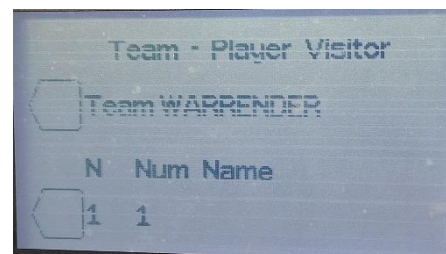


Figure 5 Visitor name change screen

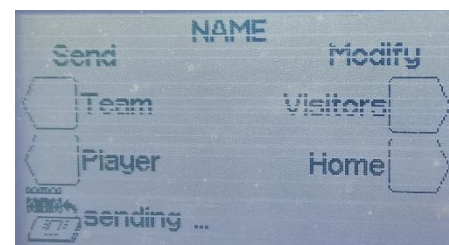


Figure 6 Sending name screen

## 2.2 Set period length

The default is 8 minute periods. If you need to change it:

1. From the home screen press Select
2. Press Settings
3. Press Setting period & pause
4. Use the period button and arrow or number keys to switch between periods
  - a. Press enter when you have finished changing the number
5. Update the minute value for every period
6. Press enter to exit
7. **Do not save your changes**
  - a. The console defaults to 8 minute quarters. Please leave this as-is.

## Running a game

To enter into running mode, from the main screen press “Play” and choose “Yes” if you want to resume the previous game, or “No” to start a new game.

### Main clock

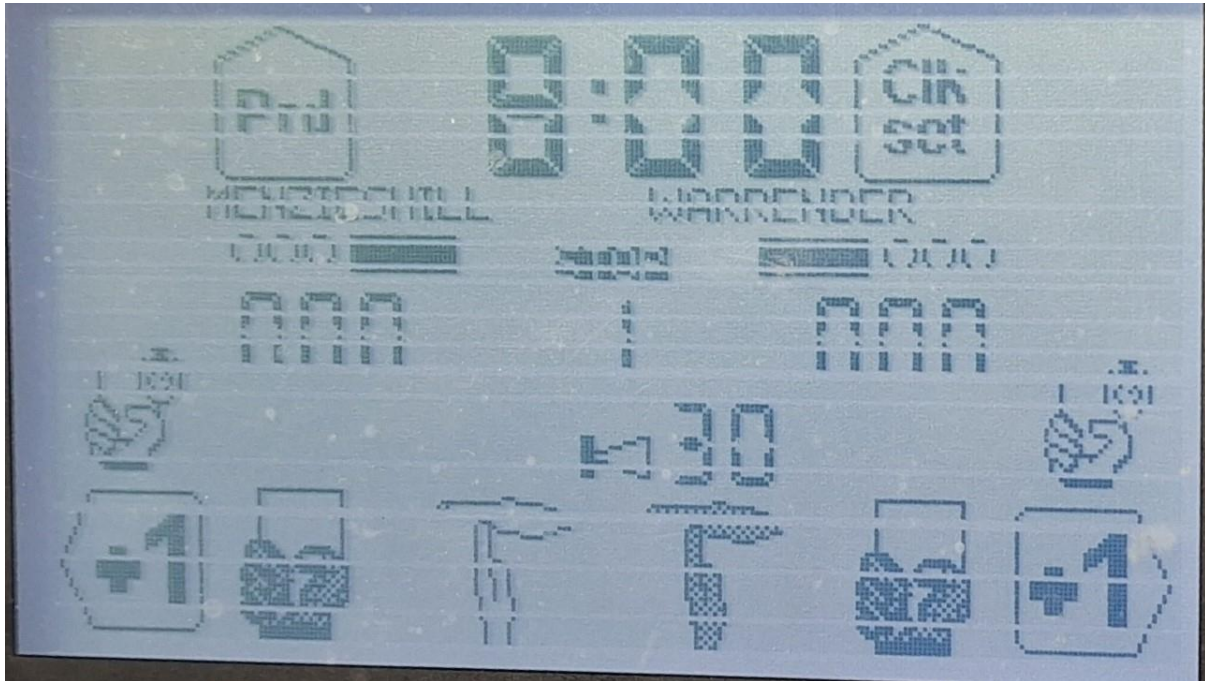









Figure 7 Image showing the main clock screen

In general, press a button to increase something and use shift plus that button again to decrease it. The left side is Home and the right side is Away.

	<b>Personal foul</b> (Red/yellow card) Don't need this button.		<b>Decrease score</b>
	<b>Timeout</b> (no time-outs remaining shown under team name in circles)		<b>Modify period</b> Press at end of period to start break.
	<b>Exclusion</b> (Major foul)		<b>Clock set</b> Modify clocks during game.
	<b>Increase score</b>		



## Possession Clocks

The possession and game clocks are controlled by a single controller. At other pools they may be controlled separately – this is not possible at Olympia due to a fault. The clock controller should be plugged into the middle of the small ports on the back of the main box.

### Switch

Controls whether the possession and main clock are running. Must be switched off at start of periods.



### Reset button

Resets the possession timers to 30 seconds.

Double press it (press + release x2) to reset to 20 seconds.

## Exclusions

When a player is excluded (major foul):

1. Press the exclusion button of the relevant team straight away. The 20 second timer will start.
2. Press the number of the relevant player (see Fig. 8)

The exclusion timer will clear when a goal is added. If you need to clear it manually (i.e. reversal):

1. Press **Shift**
2. Press **Exclusion**
3. Press **relevant timer** to clear it
4. Press **enter**

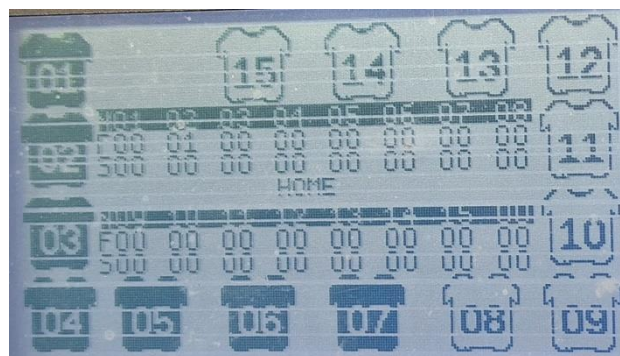


Figure 8 Home team exclusion page

## Making changes mid-game

### Updating clock timers

1. Press Clock set (CLK SET)
2. You will now see Figure 9
  - a. To update the game clock, use the **minute/second buttons** on the left and press **enter** to save.
  - b. To update team names use the buttons on the right.
  - c. To start a Pause (break b/w periods) press **Pause**.
3. To save changes and return to game mode, press **Enter**.
4. If asked if you want to apply difference to all timers. Say **Yes**

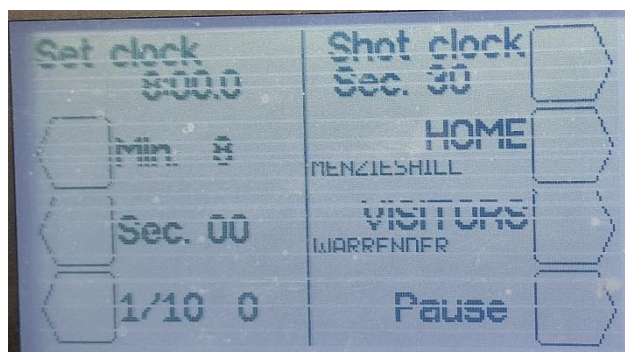


Figure 9 Clock set interface

### Exiting and returning

If you need to make any changes or exit from the game for some reason:

1. Press **Esc**
2. Press **Yes** to confirm

When returning to the game, press **Yes** to download previous game to resume the same game.

## Other useful information

### Cupboard computer – Make team names display on the board

The main scoreboard is run by a computer in the cupboard by the table. The cupboard is sometimes locked. Olympia staff may configure the board to show “Visitors vs Menzieshill” or something similar – and when it is set in this way you cannot change it using the Saturn console. If the cupboard is unlocked:

1. In the window showing the score (in Figure 10, bottom left)
2. Make sure the final “WP” button is pushed in.
  - a. Other buttons will show pre-defined text.
3. **Do not make any other changes.** If the screen you see does not look like this or Olympia staff require help setting up the scoreboard, refer to the relevant manual:
  - a. PC Software quick start  
[https://www.swisstiming.com/fileadmin/Resources/Instruction\\_Manuals/3311\\_548.02.pdf](https://www.swisstiming.com/fileadmin/Resources/Instruction_Manuals/3311_548.02.pdf)
  - b. **Section 5 (Page 6) Displaying sport results** is most relevant.

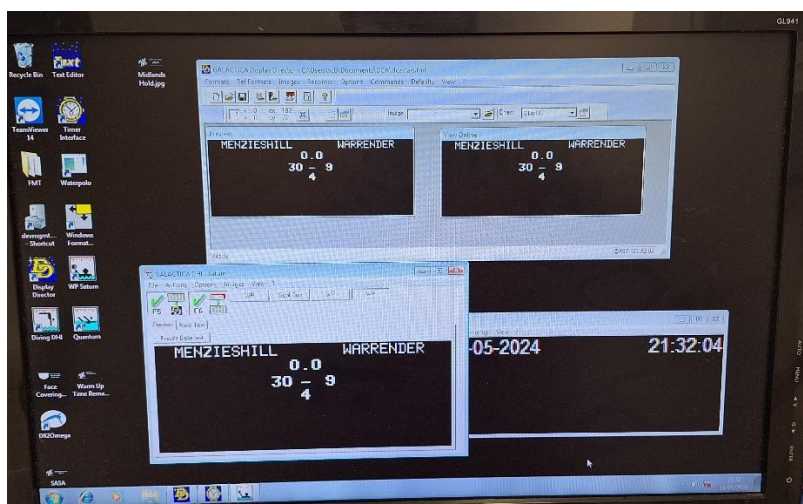


Figure 10 Photo of the computer screen showing scoreboard config

### Clocks are slightly out of sync

If the possession and main clock are roughly the same but decrementing out of sync:

1. Go to the main home screen
2. Press Console Set
3. Make sure the upper of the two clock graphics at the bottom left is selected (See Fig. 11)
  - a. This is because we have an external possession controller but no external start/stop controller (due to a fault). One controller does both clocks.

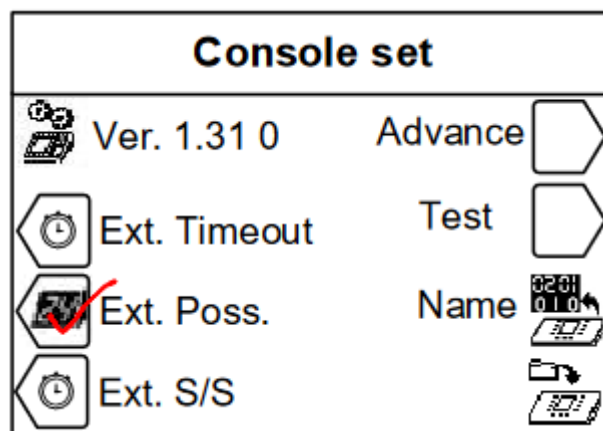







Figure 11 Console Set graphic from Swiss Timing, Edited



## What's what

<p>Saturn console/ Main clock/ Controller</p>		
<p>Possession clock controller</p>		
<p>Possession clocks</p>		
<p>Scoreboard</p>		
<p>Battery horn unit</p>		
<p>GALACTICA/ Display Director</p>	<p>Software used on the computer.</p>	

## Normal timings

The clock should be set up to use these, but sometimes it is changed to a 5 minute halftime – that is too long. Make sure the middle pause is 3 minutes.

4x8 minute periods

Pause between periods 1, 2 and 3,4 – 2 minutes

Halftime: 3 Minutes

## Acknowledgements and further reading

All graphics in this document are either photos of the equipment itself, or diagrams I have copied from the official Swiss Timing manuals:

- WP Console manual:  
[https://www.swisstiming.com/fileadmin/Resources/Instruction\\_Manuals/3403.504.02.pdf](https://www.swisstiming.com/fileadmin/Resources/Instruction_Manuals/3403.504.02.pdf)
- PC Quick start:  
[https://www.swisstiming.com/fileadmin/Resources/Instruction\\_Manuals/3311.548.02.pdf](https://www.swisstiming.com/fileadmin/Resources/Instruction_Manuals/3311.548.02.pdf)
- PC Full guide:  
[https://www.swisstiming.com/fileadmin/Resources/Instruction\\_Manuals/3311.560.02.pdf](https://www.swisstiming.com/fileadmin/Resources/Instruction_Manuals/3311.560.02.pdf)

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