

PYC Sail Boat Racing Starter Controller



USER MANUAL

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Ver 1.00

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5 Minute Race Start Sequence

Enter Correct System Time: HH:MM AM/PM (Only if system time not correct)

Select 5 Minute Start

Select 1 Start or 2 Starts

Enter Start 1 Time: HH:MM AM/PM

If 2 Starts are required then

Enter Start 2 Time: HH:MM AM/PM

Beginning of Race Starter Sequence.

When the entered time = the current system time, the following sequence will occur:

At Start : The White Light turns ON and the Horn sounds for 10 seconds.

At 1 Minute: The White Light turns OFF.

At 2 Minute: The Blue Light turns ON and the Horn sounds for 10 seconds.

At 4 Minute: The Blue Light turns OFF.

At 5 Minute: The Red Light turns ON and the Horn sounds for 10 seconds.

At 6 Minute: The Red Light turns OFF.

10 Minute Race Start Sequence

Enter Correct System Time: HH:MM AM/PM (Only if system time not correct)

Select 10 Minute Start

Select 1 Start or 2 Starts

Enter Start 1 Time: HH:MM AM/PM

If 2 Starts are required then

Enter Start 2 Time: HH:MM AM/PM

Beginning of Race Starter Sequence.

When the entered time = the current system time, the following sequence will occur:

At Start : The White Light turns ON and the Horn sounds for 6 seconds.

At 4 Minute: The White Light turns OFF.

At 5 Minute: The Blue Light turns ON and the Horn sounds for 6 seconds.

At 9 Minute: The Blue Light turns OFF.

At 10 Minute: The Red Light turns ON and the Horn sounds for 6 seconds.

At 11 Minute: The Red Light turns OFF.

Set System Time:

Press **KEY 2** for System Time.

(MAIN MENU)



Press **KEY 1** to Set the System Time.

Press the **"Up Arrow"** Key to return to the main menu.

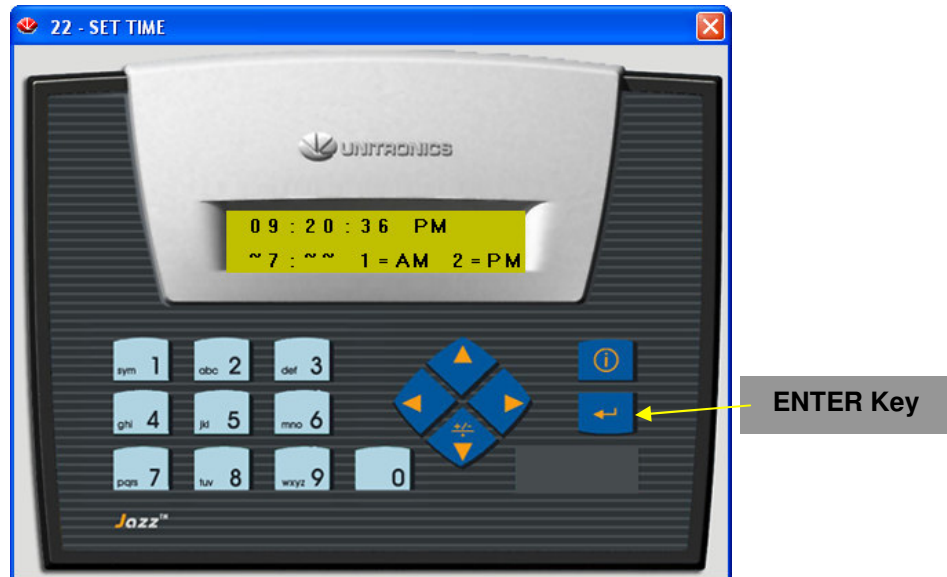


Set System Time:

Enter Hours 1-12 and then press the ENTER Key.

Enter Minutes 0-59 and then press the ENTER Key.

Press **KEY 1** for AM or Press **KEY 2** for PM.



Press the **“Up Arrow”** Key to return to the main menu.
Or follow the previous step to set time again.



Set 5 Minute Start 1

Press **KEY 1** for Select Starts.

(MAIN MENU)



Press **KEY 1** for 5 MIN Start.



Press **KEY 1** for 1 Start.



Set 5 Min Start 1 Time:

Enter Hours 1-12 and then press the ENTER Key.

Enter Minutes 0-59 and then press the ENTER Key.

Press **KEY 1** for AM or Press **KEY 2** for PM.



ENTER Key

5 Min Start 1 Race Start Time is set and ready.
Current System Time is displayed on the top line.
The entered Start 1 time is shown on the bottom line.



When the entered time = the current system time, the race starter sequence will begin. See page 23 for details.

Set 5 Minute Start 2

Press **KEY 1** for Select Starts.

(MAIN MENU)



Press **KEY 1** for 5 MIN Start.



Press **KEY 2** for 2 Starts.



Set 5 Min Start 1 Time:

Enter Hours 1-12 and then press the ENTER Key.

Enter Minutes 0-59 and then press the ENTER Key.

Press **KEY 1** for AM or Press **KEY 2** for PM.



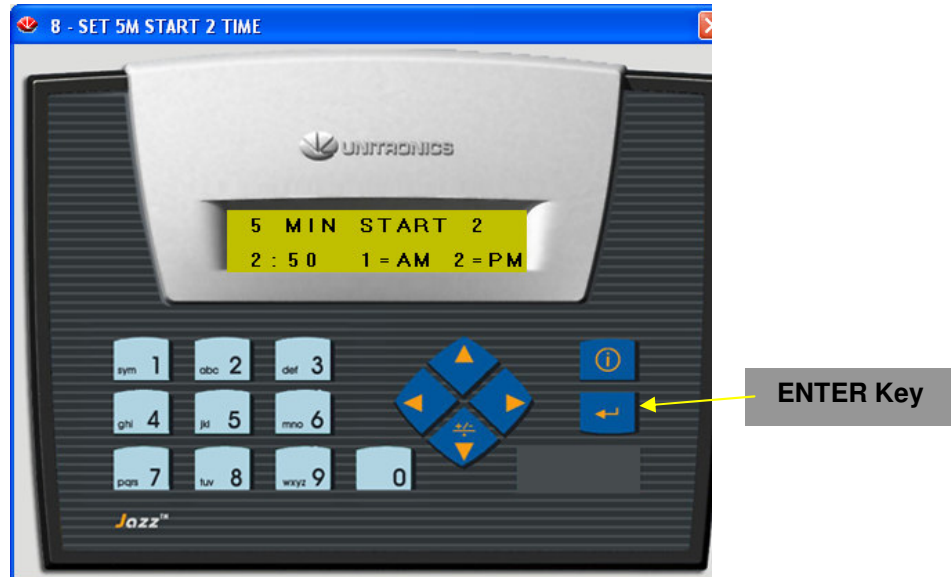
ENTER Key

Set 5 Min Start 2 Time:

Enter Hours 1-12 and then press the ENTER Key.

Enter Minutes 0-59 and then press the ENTER Key.

Press **KEY 1** for AM or Press **KEY 2** for PM.



5 Min Start 1 and 2 Race Start Times are set and ready.

Current System Time is displayed on the top line.

The entered Start 1 time is shown on the bottom line.



When the entered time = the current system time, the race starter sequence will begin. See page 23 for details.

After Start 1 Sequence is complete, Start 2 time will be displayed and will be ready for the 2nd race.



Again when the entered time = the current system time, the race starter sequence will begin. See page 23 for details.

Press the **“Up Arrow”** Key to return to the main menu.



Set 10 Minute Start 1

Press **KEY 1** for Select Starts.

(MAIN MENU)



Press **KEY 2** for 10 MIN Start.



Press **KEY 1** for 1 Start.



Set 10 Min Start 1 Time:

Enter Hours 1-12 and then press the ENTER Key.

Enter Minutes 0-59 and then press the ENTER Key.

Press **KEY 1** for AM or Press **KEY 2** for PM.



ENTER Key

10 Min Start 1 Race Start Time is set and ready.
Current System Time is displayed on the top line.
The entered Start 1 time is shown on the bottom line.



When the entered time = the current system time, the race starter sequence will begin. See page 23 for details.

Set 10 Minute Start 2

Press **KEY 1** for Select Starts.

(MAIN MENU)



Press **KEY 2** for 10 MIN Start.



Press **KEY 2** for 2 Starts.



Set 10 Min Start 1 Time:

Enter Hours 1-12 and then press the ENTER Key.

Enter Minutes 0-59 and then press the ENTER Key.

Press **KEY 1** for AM or Press **KEY 2** for PM.



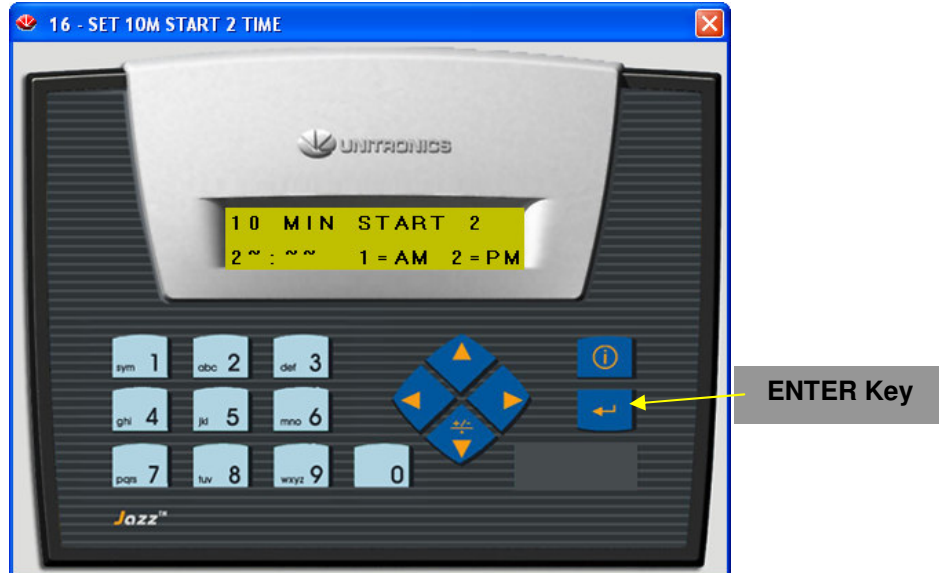
ENTER Key

Set 10 Min Start 2 Time:

Enter Hours 1-12 and then press the ENTER Key.

Enter Minutes 0-59 and then press the ENTER Key.

Press **KEY 1** for AM or Press **KEY 2** for PM.



10 Min Start 1 and 2 Race Start Times are set and ready.

Current System Time is displayed on the top line.

The entered Start 1 time is shown on the bottom line.



When the entered time = the current system time, the race starter sequence will begin. See page 23 for details.

After Start 1 Sequence is complete, Start 2 time will be displayed and will be ready for the 2nd race.



Again when the entered time = the current system time, the race starter sequence will begin. See page 23 for details.

Press the **“Up Arrow”** Key to return to the main menu.



Light and Horn Sequence

Beginning of Race Starter Sequence.

The **Horn** turns ON and the **White Light** turns ON.



After a time delay the **Horn** turns OFF and only the **White Light** is ON.



After a time delay the **White Light** turns OFF.



After a time delay the **Horn** turns ON and the **Blue Light** turns ON



After a time delay the **Horn** turns OFF and only the **Blue Light** is ON.



After a time delay the **Blue Light** turns OFF.



After a time delay the **Horn** turns ON and the **Red Light** turns ON to start the Race!!



After a time delay the **Horn** turns OFF and only the **Red Light** is ON.



After a time delay the Start 1 Sequence is Complete.
Press the “**Up Arrow**” Key to return to the main menu.



Note: Start 1 and 2 sequences are displayed the same.

Test Lights and Horn

Press the “**Down Arrow**” Key to return to the main menu.



Press **KEY 3** to test lights and horn.
Or Press the “**Up Arrow**” Key to return to the main menu.



Test in Progress.....

The horn will turn on for 5 seconds then turn off.

The white light will turn on for 5 seconds then turn off.

The blue light will turn on for 5 seconds then turn off.

The red light will turn on for 5 seconds then turn off.



Press **KEY 3** to test lights and horn again,

Or Press the "**Up Arrow**" Key to return to the main menu.



Software Version Number

Press the “**Info**” Key to display the software version number.



Software Version Number displayed.

Press the “**Up Arrow**” Key to return to the main menu.
Or wait 5 seconds to automatically go to the main menu.

