

User Manual

Standard

3361-512-02

Version 1.0 (4.2001)



The **Standard** program is delivered with the **POWER TIME** if no specific sport is required. With the **POWER TIME** you can time keep a vast range of sports, where you measure a separate or a common start, only the daytime, or races with requirements for intermediate, lap and total time.

This manual is an addition to the general **POWER TIME** manual 3361-501. It is fundamental, that you read the general manual first. This manual only describes the specific issues of the **Standard** program.

[Mode] [Timekeeping]:

TIMEKEEPING
►separate start
common start
day time
speed
manual

Separate start:

Individual start of each competitor.

Common start:

All competitors start at the same time.

Day time:

All races are timed with the day time.

Speed:

The speed is calculated from the measured time and the in advance introduced distance.

Manual:

Classic functions from a stop-watch with intermediate, lap and total times.

[Procedure] [Timekeeping]:

- Choose timekeeping mode
- Introduce or choose the race number (except by manual mode). A maximum of 10 races can be introduced at the same time.
- Arm or disarm the contacts (except by manual mode)
- Introduce the start numbers (except by manual mode)
- Correct possible errors (except by manual mode)
- Exit the race

Separate start

Following display will appear:

►START	off	1
STOP	off	1
1	0.00	3

Through the keypad you can introduce the competitor number. Arm the race with the key **OFF / ON** and start the race with the **START STOP** key. Idem to stop the time, but move first the flesh with the cursor to the stop.

Automatic function for arming can be introduced in the initialisation/input mode. In the general operating manual 3361-501 under 1.3 and 3.3 you will find a detailed explanation of the use of contacts and arming.

Common start

START	off	
STOP	off	1
1	0.00	

After the start the flesh jumps automatically to the stop, as all competitors leave at the same time.

Day time

►STOP	off	1
1	18.33:26.3	

In this mode you can register the day time and introduce the competitor number by pressing the number from the keypad and confirming with the cursor key **▼**.

Speed

The following display will appear:

SPEED
► race configuration

Choose configuration to select the units (km/h, m/s, Mph) and the distance to introduce the meters between Start and Stop devices. Thereafter you select the race on this mode. **POWER TIME** prints out the day time for each competitor and the speed (example: 46.33 km/h).

Manual

The following display will appear:

MANUAL MODE
►effective time
laps time
total time

Effective time:

Start the time by pressing the key **START STOP**. Each time you press **START STOP** the **POWER TIME** prints the

CORRECTION
Exchange start
 5> 6
 15.22:31.122

If you introduce now 6 as in the window above, the time from number 5 will be designed to number 6. Press **ENTER** and the corrected result will be print out. On the display the time of number six will appear, just introduce now competitor number 5. The other possibility is to scroll down **▼** and to introduce a complete new time.

[INITIALISATION]

[Synchro] [Date/Time] menu:

This menu is used to set date and time of the **POWERTIME**'s internal clock. You can synchronise the **POWERTIME** with other timekeeping systems using the Start impulse or the **START STOP** key to start daytime after new set.

[Settings] [Inputs] menu:

This menu is used to set the type of the inputs (normally open or normally closed) and the arming delay. Factory settings for inputs are:

- Start (nf) normally closed
- Stop (finish) (nf) normally closed

[Settings] [Resolution] menu:

This menu allows you to set the timekeeping precision. Use the cursors **▲** **▼** to scroll the resolution and then press the **ENTER** key.

[Settings] [Rounded] menu:

Three options to choose. Truncated, rounded as per selected resolution or by IAAF rule.

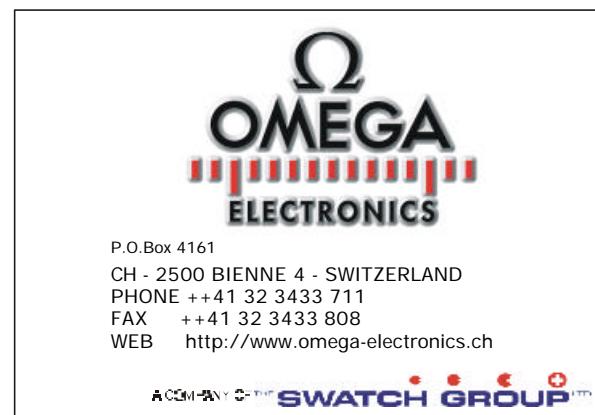
[Settings] [Scoreboard] menu:
 The scoreboard can be switched off or you can select the kind of resolution you want to display.

[Settings] [Printer] menu:
 This menu allows you to switch on or off the printer.

[Settings] [Printer not armed] menu:
 When the contact is not armed (no) the arrival is registered and printed as day time. With (yes) all the results are printed in effective time.

[Settings] [Clear all] function:
 This function clears all the results saved in the **POWERTIME**.

NOTE: The **START STOP** key is used in this manual to simulate the start contact (start device, gun etc.) and the arrival contact (photo cell).



intermediate time. After a few seconds the running time is automatically displayed.

Laps time:

Start the time by pressing the key **START STOP**. If you press again the **START STOP** you will print out the lap time with the lap number and the running time.

Total time:

Start the time by pressing the key **START STOP**. If you press again the **START STOP** you will print out the intermediate time with the total time.

For all these modes you have to press the key **ESC** to exit the menu.

CORRECTION MENU

After the run you can correct results with the correction key **START STOP**. The following screen appears:

CORRECTION
 ► start
 stop
 stack

When you enter this menu you arrive to the following screen:

CORRECTION
Exchange start
 ► 6> 7
 15.23:33.123

The correction mode will show you the last saved time. Assume that competitor number 5 arrived before number 6. You would like to exchange the competitor numbers. Enter the number 5 from the keypad and press scroll key **▼**. The time displayed will disappear and when you press up **▲** the time of number 5 will be displayed.