POWERTIME

User Manual
## Ski

3361-513-02
Version 1.1

The *Ski* program is intended to time separate start (alpine), common start (cross-country ski races) and parallel ski. The printer prints all races and runs which happened during an event and can also add up first run and second runs times.

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

Configuration for separate/common start:
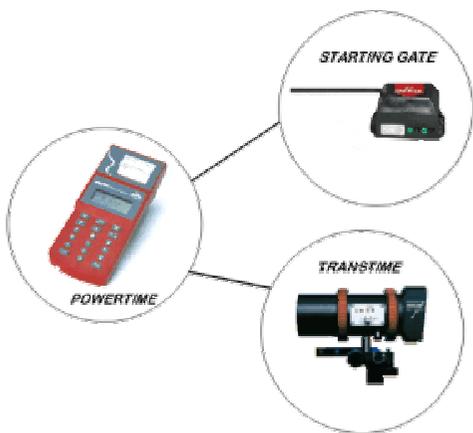
Configuration for parallel ski:
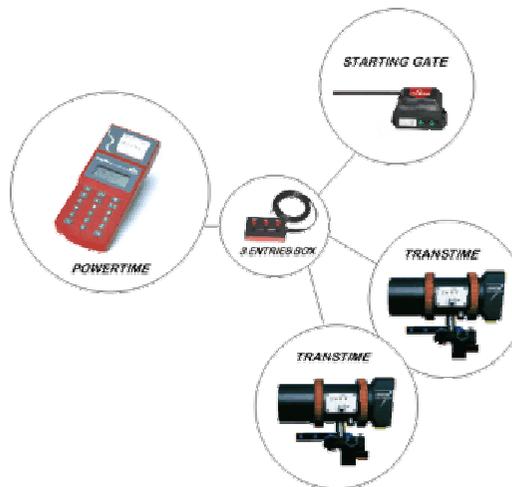
[Mode] [Timekeeping]:

```
TIMEKEEPING
 ▶separate start
   common start
   parallel
```

Separate start

The cursor always indicates what you are going to choose. Press [ENTER] to start a separate start (alpine race). Introduce the race and run numbers and confirm with the [ENTER] key. You will arrive to the following screen:

```
▶START    off      1
 STOP     off      1
  1              0.00
```

To arm the start and stop automatically, please change in the menu settings/inputs the preferred automatically arming time and "normally open" function.

When an entry is armed, all signals coming from the Starting Gate or Transtime will be used as valid time for timekeeping.

If you do a race with a first and a second run, you can add the two times together to have the final ranking with the end times.

As soon as the first run is finished you leave the menu with the [ESC] key. The following screen will appear:

```
RUN n°          1
 ▶ continue
   ranking
   clear race
```

Again, go one menu back with the [ESC] key to arrive to the RUN Menu. Introduce the run number and validate with [ENTER]. Then you can do the timekeeping of the second run as you did the first one.

When the second run is finished, go back to the RACE Menu. In the RACE Menu you can rank all times or just the best time.

Choose total time to add run times together. Introduce on the next screen the run numbers you need to add together. The ranking will be print out .

Common start

As by the separate start introduce the race and the run numbers and confirm with the [ENTER] key.

```
▶START    off
 STOP     off      1
  1              0.00
```

As soon as you arm the start with this key [OFF/ON] the flesh will scroll down to the stop. Arm automatically done by changing the menu settings/inputs.

Go back one menu with the key [ESC]. You have the possibility to rank each run with the

Left column (page 6)

[**Settings**] [**Rounded**] menu:
Three options to choose. Truncated, rounded as per selected resolution or by IAAF rule.

[**Settings**] [**Display**] menu:
This menu gives you a selection of what you can display on the scoreboard. Scroll the choice with the up and down cursors ▲ ▼ .

[**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**] [**Clear all**] function:
This function clears all the races and runs.

Item	Part Number
StartTime Acoustic start device	2850-737
3 entries box (parallel ski)	3361-609
Photocell TransTime	3359-900
Rollertime 6-digits	3340-600
Rollertime 9-digits	3340-603
Starting gate	3261-900

Middle column (page 4)

effective time or the day time (the start or the stop time).

Parallel start
After having select the race and run number you can change the mode of timekeeping: effective time or delta (difference between the two times) to print out.

By pressing continue in RUN Menu the following screen will appear:

```
    A       off       1
    B       off       1

► START off      0.00
```

Before starting you have to introduce the competitor numbers. For A you have to compose your number from the keyboard and fix it up with the ▲ up cursor. The same for B but to fix the number choose the ▼ down cursor. Arm the start and stop channels with this OFF/ON key.

CORRECTION MENU
After the run you can correct results with the correction key 🖊. 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

Right column (page 5)

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.

```
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.

[**Settings**] menu:

[**Settings**] [**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   normally closed
- Stop (finish)   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.