

TIMING DEVICES

Selftimer SF3



Self Service Timing for Permanent Race Courses

The Selftimer SF3 is an automatic timing system for skiing. Thus, every skier can measure his time and make private ski duels with friends or family members.



Components of the System

Display Board D-SF150-O-6-E0 or D-SF250-O-6-E0

Six extra bright, red LED digits with a figure height of 150 mm (D-SF150) or 250 mm (D-SF250) ensure the best visibility even in direct sunlight. The integrated electronic controls the entire SF3 system, including minimum and maximum run time and start light indicator. The display board shows either run time or speed. The display board can also be used with other ALGE-TIMING timing devices.



Selftimer Start Light SF3L

The start light is mounted at the start and regulates the starting sequence. The green light indicates that you can start, and the red light will light up after the start, until the previous competitor has reached the finish or a maximum run time has elapsed.



Startgate STSnA1

The startgate is used to trigger the start. The STSnA1 has a startwand that automatically closes and is equipped with a mounting chain.



Photocell PR1a

The photocell is used for the timing device at the finish or for the speed measurement. It consists of a transmitter/receiver unit and a reflector, both of which are easily and precisely aligned with a ball head. The photocell is screwed onto a mounting bracket and attached to a wooden post with a chain. A cover protects the lens of the photocell from rain and snow.



Display Board D-LINE150-O-6-E0 or D-LINE250-O-6-E0

In Comparison to the D-SF the D-LINE display board has no selftimer controller integrated. This display board can also be used at the start, so that the racers waiting at the start can see the times.

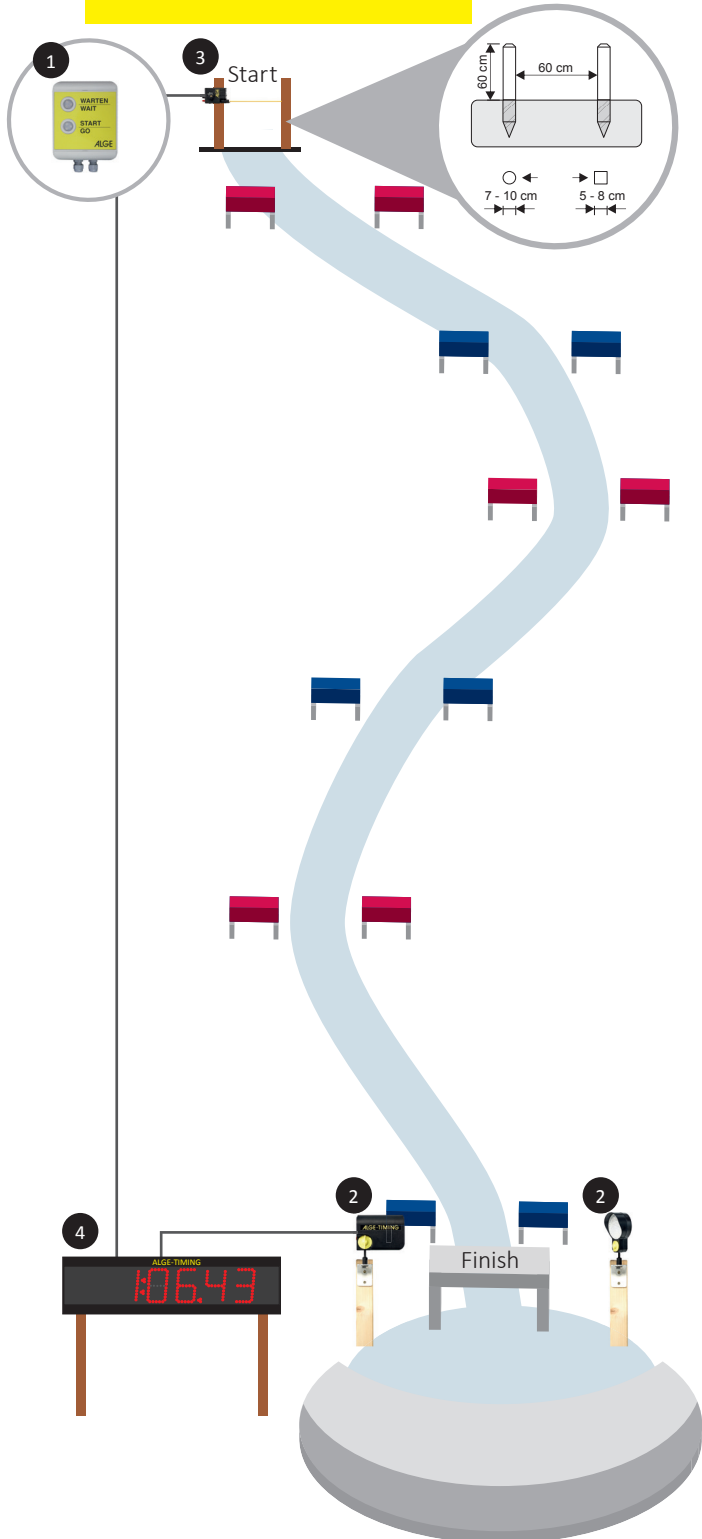




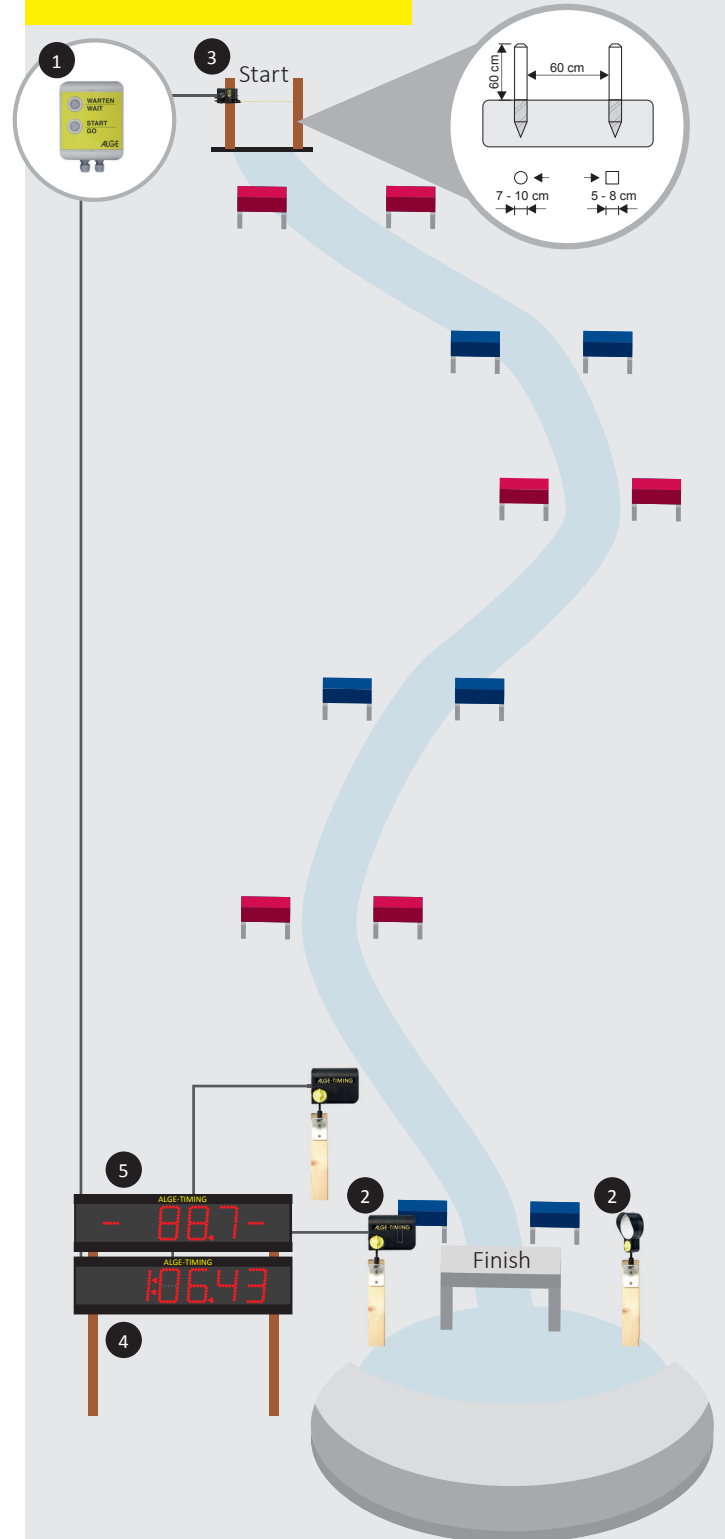
TIMING DEVICES

Selftimer SF3

Time Measurement



Time Measurement + Speed



- 1 SF3L
- 2 PR1a-R

- 3 STSnA1
- 4 Display Board showing Time

- 5 Display Board showing Speed



Selftimer SF3

Selftimer SF3-L150

- with startgate and photocell
- display board 6-digit, LED, 150 mm digit height
- start light red and green

Selftimer SF3-L250:

- same as SF3-L150
- display board 6-digit, LED, 250 mm digit height

Selftimer SF3-2L150

- same as SF3-L150
- second photocell for speed measurement at the finish line
- display alternately shows run time and speed

Selftimer SF3-2L250

- same as SF3-2L150
- display board with 250 mm digit height

Selftimer SF3-22L150

- same as SF3-L150
- second photocell for speed measurement at the finish line
- second display board (D-LINE150-O-6-E0) to display speed or runtime

Selftimer SF3-22L250

- same as SF3-22L150
- display board with 250 mm digit height

Technical Data

Power supply:	100 - 240 VAC and 12 VDC, respectively
Power consumption:	max. 20 watts for SF3-L150 or SF3-P150 max. 45 watts for SF3-L250 or SF3-P250
Operating temperature:	-30 °C to +40 °C
Time resolution:	1/100 second
Run time:	24 hours
Time setting:	It is possible to set the minimum and maximum time allowed for a competitor.

Necessary cables and connections:

Selftimer System with Start Light SF3L

Cable between start and display board: 1 pair (2-core cable)

Power supply: 100 – 240 VAC or 12 VDC for display board

A 2-core cable is required between the start and finish. The cable from the start to the finish is not included in the scope of delivery and must have a maximum loop resistance of 130 Ohm.