

Selftimer SF3

**Self Service Timing System for
Recreational Race Courses,
Carving Courses
and/or Speed Measurement**



**Let the
ALGE SELFTIMER SF3
work for you!**

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Components of the System

Selftimer Startlight SF3L

The SF3L is located at the start and controls the flow of the participant's starts. A green light indicates the course is clear for a start at any time. The red light comes on after someone has started and stays on until the course is clear (once the previous racer has finished the run, or after a maximum run time and the display has reset).



Selftimer Coin Collector SF3P

The SF3P is located at the start and includes a built-in coin collector which accepts either tokens or your local currency. The rugged and secure enclosure includes a lock that allows only the operator to collect the coins. Two lights (red and green) regulate when to insert coins, and two more lights (red and green) control when to start and when to wait.



Startgate STSnA1

The STSnA1 is used to trigger the start. This single-output, automatic-return start gate includes a mounting chain for quick and secure assembly to a wooden start post (4 x 4 or 2 x 4).



Photocell PR1a-R

The PR1a-R is a reflex photocell (transmitter/receiver module and reflector) that is used to trigger the finish and/or speed measurements. It includes an integrated universal ball adjustment for quick and accurate alignment to the reflector, and mounting chains to quickly and securely fasten the photocell and reflector to wooden posts (4 x 4 or 2 x 4). A sliding hood protects the photocell's lens from direct moisture potentially caused by snow and rain.



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

6-digit red LED numeric displays are available with 15cm high characters (D-SF150) or 25cm high characters (D-SF250). Extra-bright LEDs are readable even in direct sunlight. The internal logic controls all activities of the system (including minimum and maximum run time and duration of the finish time before resuming the running time of the next racer) and can show time or alternating time and speed. The display can also be used with a timing device or PC for organized competitions.



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

These are similar to the above and used as an additional display (optional) to show speed while the D-SF150 or D-SF250 shows running time and finish time. This additional display can also show the time for the participant waiting at the start.

Cable and Power requirements

Selftimer system with Startlight SF3L:

Single pair (2-conductor) 18-22 AWG cable between start and finish; main power to display board at the finish from either and external 12 VDC or directly from a 100-240 VAC source.

Selftimer system with Coin Collector SF3P:

2-pair (4-conductor) 18-22 AWG cable between start and finish; main power to display board at the finish from either an external 12 VDC or directly from a 100-240 VAC source.



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Selftimer SF3-System without Coins

Selftimer SF3-L150:

The Selftimer makes time measurement with a startgate and finish photocells. It shows the time on LED display board with 6 figures (figure height = 15 cm / 5.9"). A start light (red or green) organizes the start.

Selftimer SF3-L250:

The Selftimer makes time measurement with a startgate and finish photocells. It shows the time on LED display board with 6 figures (figure height = 25 cm / 9.8"). A start light (red or green) organizes the start.

Selftimer SF3-2L150:

Same as SF3-L150 but with a 2nd photocell for speed measurement. It shows the time and speed on the display board alternating.

Selftimer SF3-2L250:

Same as SF3-L250 but with a 2nd photocell for speed measurement. It shows the time and speed on the display board alternating.

Selftimer SF3-22L150:

Same as SF3-L150 but with a 2nd photocell for speed measurement and a 2nd display board to show the speed.

Selftimer SF3-22L250:

Same as SF3-L250 but with a 2nd photocell for speed measurement and a 2nd display board to show the speed.

Selftimer SF3-System with Payment

Selftimer SF3-P150:

The Selftimer makes time measurement with a startgate and finish photocells. It shows the time on LED display board with 6 figures (figure height = 15 cm / 5.9"). At the start is a coin collector for payment with integrated start light (red and green) and payment light (red and green).

Selftimer SF3-P250:

The Selftimer makes time measurement with a startgate and finish photocells. It shows the time on LED display board with 6 figures (figure height = 25 cm / 9.8"). At the start is a coin collector for payment with integrated start light (red and green) and payment light (red and green).

Selftimer SF3-2P150:

Same as SF3-L150 but with a 2nd photocell for speed measurement. It shows the time and speed on the display board alternating.

Selftimer SF3-2P250:

Same as SF3-L250 but with a 2nd photocell for speed measurement. It shows the time and speed on the display board alternating.

Selftimer SF3-22P150:

Same as SF3-L150 but with a 2nd photocell for speed measurement and a 2nd display board to show the speed.

Selftimer SF3-22P250:

Same as SF3-L250 but with a 2nd photocell for speed measurement and a 2nd display board to show the speed.

Technical Data

Power Supply:

100 - 240 VAC/ or 12VDC

Power Consumption:

max. 20 Watt for SF3-L150 or SF3-P150
max. 45 Watt for SF3-L250 or SF3-P250

Operating Temperature: -30°C to +40°C

Time Resolution: 1/100 seconds

Run Times: 0 to 24 hours

Time Selection:

It is possible to adjust the minimum and maximum time allowed for a runner.

Connection Cable:

Between start and finish a two- core cable is necessary. The maximum loop resistance is 130 Ohm (is about 1000 m ALGE field telephone cable).

Installation:

All cables between the different parts are included and have plugs that do not allow wrong plugging. An electric-expert is not necessary. The cable between start and finish must be provided by the operator, as well as mains for the display board.



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