

ALGE START CLOCK ASC1

The ALGE Startclock ASC1 is a micro-processor controlled timing device with analogue and digital display, for the release of regular start intervals.

- **Start interval:**
From 11 seconds to 9 minutes 59 seconds
- **Tolerance Time:**
The time span in which a start has to occur can be selected in second intervals separated in minus and plus. A light indicator signals status. Green in, red out of tolerance.
- **Start Deviation:**
Automatically with the time measurement, the deviation is calculated and displayed.
- **Acoustical Countdown:**
By pressing a button or at regular variably selectable time intervals, a ready tone is audible 10 seconds before the start. 4 seconds before the start, the acoustical countdown begins.
- **Easy Operation:**
The most often used programs (start intervals with accompanying tolerance time) are fixed programmed and very easily set in mode. Your own „special program“ however, can be stored with equally easy access thereafter.
- **Contact Output:**
With the start tone the clock provides a start impulse (normally open) to trigger the main timing or the connection to a start gate.
- **Synchronisation:**
Can be synchronized with other timing systems either manually or external impulse.
- **Remote Control:**
With the remote control ASC-Tele functions of the start clock can be changed remotely.
e.g. shut off the countdown or change of start interval.
- **Back Up Timing:**
The ALGE Startclock ASC1 is an ideal back up timer. The 3 incorporated input channels allow the connection of start gates, photocells, and/or push buttons. Starts, intermediate, and finish times are recorded to a precision of 1/1000 seconds.



- **Memory:**
All data are automatically written to the memory and available for protocol even after the clock has been turned off and back again.
- **Protocol:**
All measured times as well as the start deviations can be permanently recorded with a connected printer (e.g. ALGE Printer P5) during or after the race.
- **PC Interface:**
A RS 232 interface allows the connection of a PC for data processing.

ALGE
TIMING

Technical Data

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|-----------------------------|---|
| Unit of Measurement: | 1/1000 seconds |
| Measuring Range: | 23 hours, 59 minutes, 59,999 seconds |
| Accuracy: | +/- 10 ⁻⁶ between -20°C and +30°C (-4F and 90 F) |
| Time Base: | temperature compensated quartz oscillator TCXO with 11,52 MHz |
| Display: | <i>Analog:</i> clock with hours, minutes and seconds <i>Digital:</i> with 8-digit LCD-display, figure height 13 mm |
| Electronics: | Microprocessor CMOS |
| Temperature Range: | -25°C bis +65°C |
| Power Supply: | built in powerpack (rechargeable battery and charger) or external 12 VDC |
| Autonomy: | about 20 hours in standard mode |
| Housing: | Anodized aluminium with cover and suspension flaps, 3/8" thread for tripod (tripod not included) |
| Dimensions: | W x H x D = 450 x 330 x 110 mm (17.7" x 13" x 4.5") |
| Weigth: | 5 kg (11 lbs.) |

Accessory for the Startclock ASC1



z.B. Traffic Light SPOT



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|-----------------------|-----------------|---|
| Powerpack | PP/ASC1 | built in rechargeable battery with charger |
| Remote Control | ASC-Tele | to adjust the start interval |
| Tripod | TRI128 | to set up the start clock, max. height 128 cm |
| Traffic Light | SPOT | external traffic light with red, yellow green |
| Printer | P4A | to print the times |
| PC-Cable | 067-02 | data cable from the ASC1 to the PC |
| Case | K6 | case with foam insert |



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