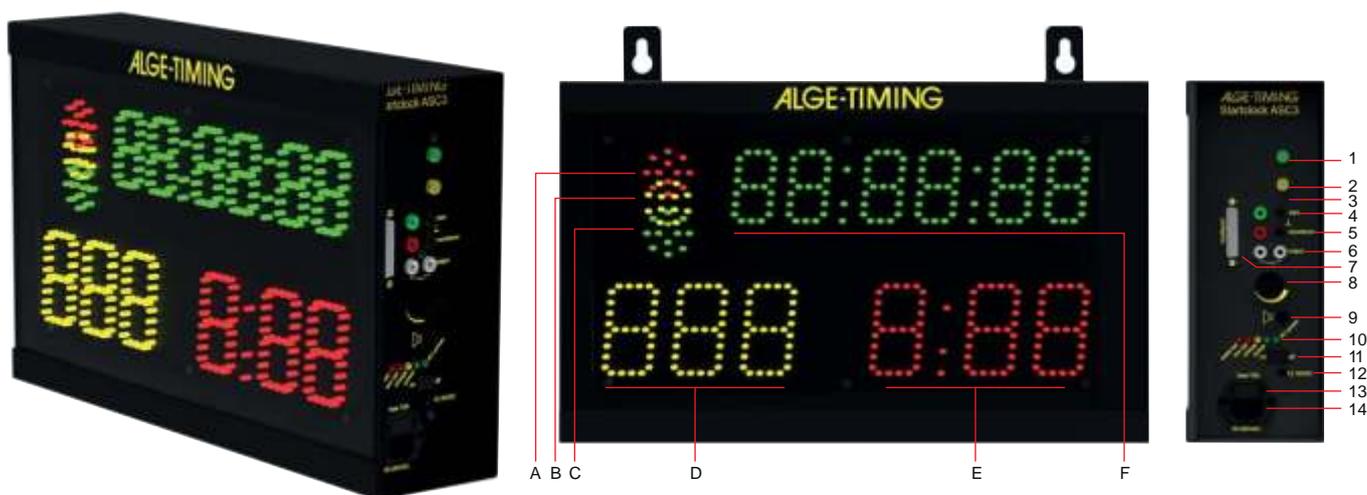


Facts about the Startclock ASC3:

- ÿ LED technology
- ÿ Shows the time of day (hours, min. and sec.), green LED
- ÿ Figure height of time of day digits is 5.5 cm
- ÿ Shows the bib (ID-number), yellow LED
- ÿ Figure height for bib digits is 7 cm
- ÿ Shows the countdown in minutes and seconds, red LED
- ÿ Figure height of countdown digits is 7 cm
- ÿ Start light with red, yellow and green
- ÿ Integrated speaker with volume regulation
- ÿ RS232 interface to connect a PC or printer (parameters of ASC3 can be adjusted by computer)
- ÿ Integrated rechargeable lead battery for operation independent from mains supply
- ÿ Two internal push buttons to set parameters of ASC3
- ÿ Start input (banana socket)
- ÿ Sync. input or countdown start (banana socket)
- ÿ Potential free impulse output (banana socket)
- ÿ Output for external speaker (4 - 8
- ÿ Startlist can be loaded to ASC3
- ÿ External power supply (12 - 16 VDC or 85 - 264 VAC)
- ÿ LED to control battery condition and charging
- ÿ Flash memory allows update



- A....Red start light
- B....Yellow start light
- C....Green start light
- D....Bib number (ID-number)
- E....Countdown clock with adjustable start intervals
- F....Time of day clock with hours, minutes and seconds

- 1....Green push button
- 2....Yellow push button
- 3....Push button for update
- 4....Start input (e.g. startgate for skiing)
- 5....Connector for start interval input
- 6....Start output
- 7....Multiport (e.g. RS232 interface)

- 8....Volume for speaker
- 9....Socket for external speaker (4 - 8 S)
- 10...Battery condition and charging with LED
- 11...On / Off switch
- 12...External power supply (12 - 16 VDC)
- 13...Fuse 2.0 A for power supply
- 14...Mains connector (85 - 264 VAC)

Technical data

Unit of Measurement:	1/1000 seconds
Measuring Range:	23 hours, 59 minutes, 59.999 seconds
Accuracy:	+/- 2 ppm (+/- 0,0072 seconds per hour) between 0°C and 40°C (32 F and 104 F) and +/-3.5 ppm (+/- 0,0126 s/h) between -40°C and 85°C (-40F and 185 F)
Time Base:	temperature compensated real time clock
Display:	extra bright LED for outdoor use, brightness adjustable 8-digit LED display, figure height 55 mm (2.16"), to show time of day 3-digit LED display, figure height 70 mm (2.75"), to show the bib (ID-number) 3-digit LED display, figure height 70 mm (2.75"), to show the countdown start light with 3 LED clusters in red, yellow and green, each 35 mm (1.18") diameter
Temperature Range:	-25°C to +65°C (-13 F to 149 F)
Power Supply:	integrated powerpack (rechargeable battery (12 VDC, 12 Ah) and charger or external battery (12 - 16 VDC) or mains (85 - 264 VAC)
Operating time:	about 20 hours from internal battery at 30 seconds intervals and 20°C (68 F)
Case:	anodized aluminium with cover and suspension flaps, 3/8" thread for tripod (tripod not included)
Dimensions:	L x H x W = 442 x 274 x 104 mm (17.32" x 10.63" x 3.94") - measurements without hangers
Weight:	8,3 kg (17.64 lbs.)