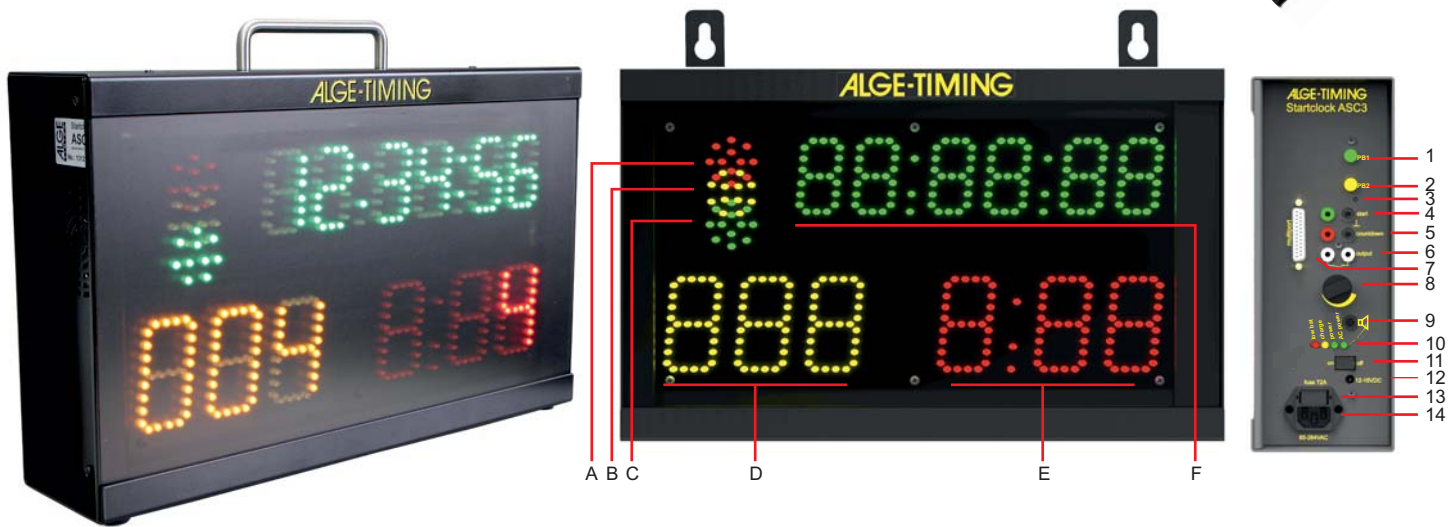


Facts about the Startclock ASC3:

- LED technology
- Shows the time of day (hours, min. and sec.), green LED
- Figure height of time of day digits is 5.5 cm
- Shows the bib (ID-number), yellow LED
- Figure height for bib digits is 7 cm
- Shows the countdown in minutes and seconds, red LED
- Figure height of countdown digits is 7 cm
- Start light with red, yellow and green
- Integrated speaker with volume regulation
- RS232 interface to connect a PC or printer (parameters of ASC3 can be adjusted by computer)
- Integrated rechargeable lead battery for operation independent from mains supply
- Two internal push buttons to set parameters of ASC3
- Start input (banana socket)
- Sync. input or countdown start (banana socket)
- Potential free impulse output (banana socket)
- Output for external speaker (4 - 8 Ω)
- Startlist can be loaded to ASC3
- External power supply (12 - 16 VDC or 85 - 264 VAC)
- LED to control battery condition and charging
- Flash memory allows update
- Remote Control ASC3-RC with 10 m cable length to operate the Startclock



- ARed start light
 BYellow start light
 CGreen start light
 DBib number (ID-number)
 ECountdown clock with adjustable start intervals
 FTime of day clock with hours, minutes and seconds

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

- 8Volume for speaker
 9Socket for external speaker (4 - 8 Ω)
 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 = 445 x 280 x 115 mm (17.52" x 11.02" x 4.53") - measurements without hangers

Weight:

8,4 kg (17.6 lbs.)