

# Central Unit.

SKU\_SM-CU

## Technical Data:

Measuring range:	23 hours, 59 minutes, 59.9999 seconds
Race timing range:	23 hours, 59 minutes, 59.99 seconds
Time reference:	16.000 MHz frequency oscillator
Precision:	+/- $9 \times 10^{-8}$ s/h
Calibration and accuracy:	<p>PRIMARY OSCILLATOR            Frequency oscillator: 16.00000 MHz            Frequency stability: +/- 43 ppb            Aging (more than 10 years): +/- 3 ppm            Stability for power variations (5% +/- VDD): +/- 50 ppb (0C +50C)</p> <p>SECONDARY FREQUENCY GENERATOR            Frequency: 1.00000 KHz            Type: Synchronous</p> <p>DATA ACQUISITION PROCESS            Time @ 256Kb/s: 332 us</p> <p>STABILITY TEST DURATION: 48 hs</p>
Temperature range:	0 C° to + 50 C°
Internal power supply:	Internal Li-Ion 29.4V 1.300mAh rechargeable battery
Battery charger:	100-240 VAC, 50/60 Hz
Interfaces:	<p>USB for PC</p> <p>USB for thermal printer</p> <p>SD Card slot for internal memory</p>
Connections:	<p>Neutrik NL4MP for lane units line</p> <p>Neutrik NL4MP for start unit</p> <p>IEC C14 for battery charger</p>
Leds:	Frontal led lights for indicating race status and low battery

