



## MOSTRAC FALSE START SYSTEM

### Economic Light start monitoring systems for athletics competitions.

Based on the already known and proven „STARTTIME V“, but this time assisted by *MoSen*, wireless motion sensors, this false start measurement system will allow you to control simultaneously, up to 8 departure lanes. Different sounds for start and false start automatic recall.

Two major advantages:

- 1) Being wireless, this system is easy to set up and simple and intuitive to use.
- 2) The MoSen are adaptable to any starting block already in your possession.

#### The set includes:

- The StartTime V, MOSTRAC
- e-Gun
- Starter headset with microphone
- Three loudspeaker (with 10 m of cable for each)
- 8 MoSen in their charger case
- 16 fixing clips to stick (double side tape provided) or screw directly on starting Block.
- Tripod for StartTime V
- Power supply to recharge StartTime and MoSen

#### Optional:

- Additional Loudspeakers (up to 8 in total)
- External Flash for disabled hearing impacted athletes
- Additional MoSen in their charger case

### TOP FEATURES

- Measurement of reaction time for athletics sprint races up to 8 lanes.
- Cheaper alternative to ASC3 system.
- Works on any starting block.
- No cable to starting block.
- Electronic starting system - E-gun - included
- Fully working on internal battery



## MOSEN SPECIFICATIONS

- Working temperature -20°C to + 60°C
- Battery autonomy: 8 - 10 hours
- Charging Time: 2,5 hours
- Dimensions: 57 x 46 x 27 mm
- Weight: 40 g
- Protection: IP55
- Wireless transmission: 868MHz or 916MHz band\*  
\* Depends on country legislation
- Self-discharge time: 6 month if not in use



## LOUDSPEAKER

The loudspeaker, wired to StartTime V, transmits the starter's instructions, the gunshot, and the possible false start signal.

- Dimensions: 180 x 190 x 215 mm
- Weight: 2.0 kg
- Accoustic signals:  
False start 113 dB @ 1m.  
Gun shot 111 dB @ 1m.
- Connectors: 2 x Tuchel 4p MT



## E-GUN SPECIFICATIONS

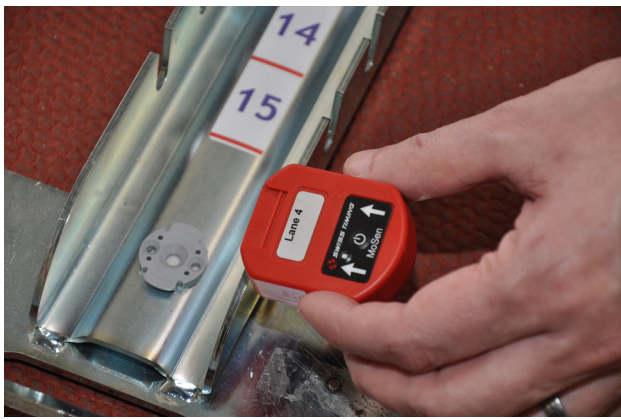
- Dimensions: 280 x 35 x 140 mm
- Weight: 820 gr (with cable)
- Cable lenght: 7.0 m.
- Power supply: Provided by StartTime
- Flash duration: 0.1 sec
- Flash visibility: Sun visible >200 m.
- Flash viewing angle: 360° horizontal
- Flash viewing angle: 90° vertical
- Operating temperature: -10°C to + 50°C
- Storage temperature: -20°C to + 70°C
- Protection: IP64
- Certifications: CE and RoHS compliant



## STARTTIME V MOSTRAC SPECIFICATIONS

- Dimensions: 400 x 192 x 140 mm
- Weight: 6.0 kg
- Power supply: Integrated 12V/7Ah Lead/acid battery
- Connections: microphone/e-Gun, Photofinish, external flash, external speaker, line out and charger.
- Charger: Included (indoor only)
- Max accoustic signal: Gun shot 104 dB @ 1m  
False start 103 dB @ 1m
- Timing precision: 1ms
- Data connections: RS422 to timing room
- Protection: IP43
- Operating temperature: 0°C to +70°C
- Storage temperature: -10°C to +50°C
- Certifications: CE and RoHS compliant

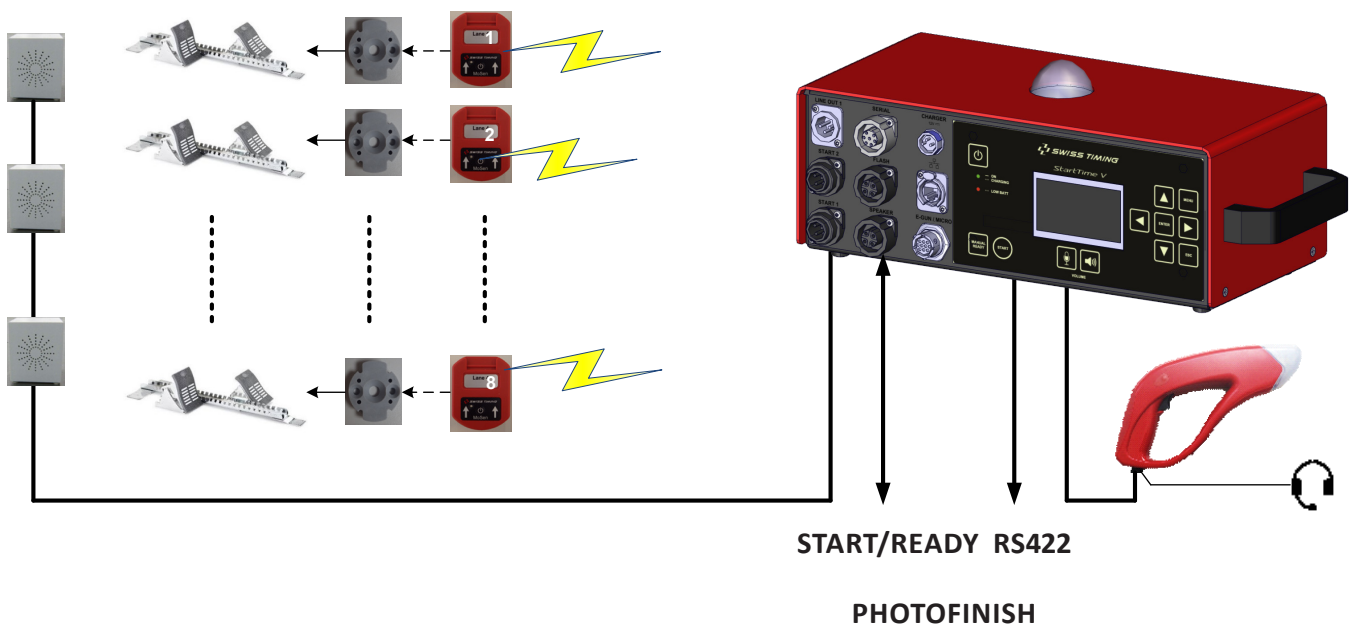




Fixing clips are permanently fixed on starting blocks. MoSen is then easily mounted, dismantled on the clip without any tool.

StartTime screen displays status of MoSen (wireless connectivity and battery level), and reaction time. Reaction times are automatically sent to Photofinish by a RS422 line. System compatible with Swiss Timing cabling for ASC2 and ASC3.

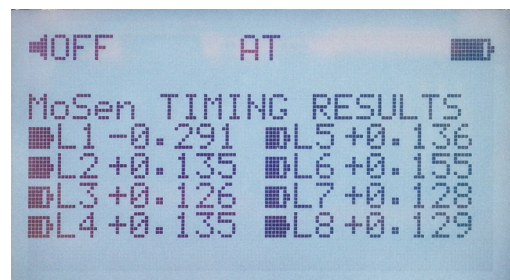
### BLOCK DIAGRAM



### TO ORDER:

REGION	NUMBER	FREQU.
EUROPE	3508.900	868MHZ
UNITED KINGDOM	3508.900.GB	868MHZ
SWITZERLAND	3508.900.CH	868MHZ
NORTH AMERICA	3508.900.US	916MHZ

### Display detail



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