

Product Brochure Start Information System (SIS): FalseStart III Pro



2024v1



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Judging in a split second whether or not an athlete starts sooner than 100 thousandths of a second after the starting shot (= current World Athletics false start definition) is no longer a question of pure visual judgement!

- The FalseStart III detection system continuously and dynamically measures and analyses changes in the amount of exercised power on the starting blocks. Each thousandth of a second, a real-time analysis is made.
- Software within the False Start detection box disposes of a number of menu selections to modify the momentary settings of the systems.
- The sensitivity of the start modules can be preset and is automatically secured on a fair basis for all athletes.
- Built-in test and verification of **all** the configuration's cables, connectors, loudspeakers, amplifiers, etc. to the fullest in just a matter of seconds, by using the built-in test procedure.



Our FalseStart III Pro is World Athletics Certified.


The start modules of the FalseStart III are wireless and easy to place on a starting block by screw mounting. On every module a horn or speaker is integrated, which provides you a higher quality of voice and start sound.

The start modules can also work wired with optional cabling.


FalseStart III Pro

8 lanes Pro **TTC-213**

10 lanes Pro **TTC-215**



Caddy on wheels with touchscreen and central unit



Starting Block not included

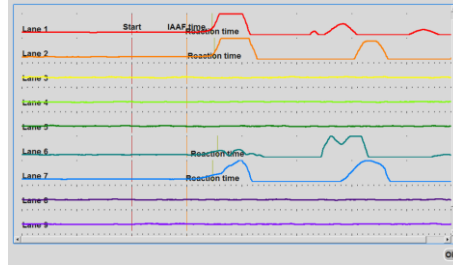
Pro start module

FalseStart III Pro features

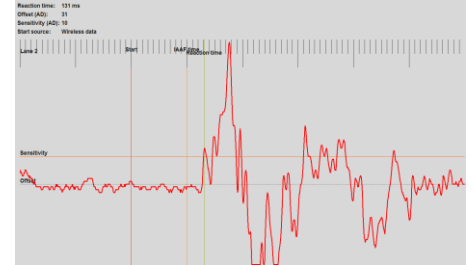
- Measurement and print-out of starters delay time (printer is optional)
- Each athlete can hear the starters voice through the speaker of the start module, mounted on his/her starting block
- Graphic display of the start action of every athlete on the touchscreen

Active	Lane	Time	Status	Measure	ID	Name	Info	Signal	Graph
ACTIVE	1	262ms			17	Boriee Jonathan	Belgia	124	Graph
ACTIVE	2	256ms			97	Maslek Pavel	Czech	81	Graph
ACTIVE	3	328ms			2	Pinder Demetrius	Baham	53	Graph
ACTIVE	4	None			102	Trenkhin Pavel	Russia	4	Graph
ACTIVE	5	None			157	Santos Luguelin	Domin	42	Graph
ACTIVE	6	None			18	Boriee Kevin	Belgia	56	Graph
ACTIVE	7	162ms			69	Hyatt Dane	Jamaic	58	Graph
ACTIVE	8	152ms			78	Solomon Steven	Austral	84	Graph
ACTIVE	9	147ms			14	James Kirani	Grenac	113	Graph
ACTIVE	10	145ms			203	Nallum Bryshon	United	147	Graph

Example: Overview screen



Example: Graphic display start action



Example: Graphic display start action (1 athlete)

FalseStart III Printout

- Race Number/Name
- Heat Number
- World Athletics Setting
- Starter Name
- Ready to Start delay (only for FalseStart III Pro when microphone used)
- Reaction time of each individual athlete
- Indication of athlete(s) who caused a false start, also rank of those who caused a false start



TimeTronics
Kim Peeters, Managing Director
Lammerdries-Oost 238
B-2250 Olen
Belgium

Monaco, 11 January 2024

Dear Mr. Peeters,

Technological devices other than the reaction time measuring module of the Start Information System (SIS) (e.g. Timing Systems, Wind Gauges, Distance Measuring Equipment etc.) used in athletics are not issued a certificate by World Athletics and therefore no certified lists for such devices are available.

The FalseStart III Pro Wireless and FalseStart III Club Wireless (optionally Wired) accelerometer-based reaction time measuring devices of the SIS by TimeTronics (firmware 2.0 and sensitivity setting: 40) meet the requirements for a World Athletics Product Certificate.

All measuring equipment used in competition shall be manufactured and calibrated according to international standards. The accuracy must be guaranteed by the manufacturer according to the relevant international standards and shall have been verified by an appropriate organisation accredited by the national measurement authority.

To our knowledge and experience, the equipment of TimeTronics meets this condition and is also successfully used in international athletics competitions organised under World Athletics Rules and Regulations.

Sincerely,

Imre MÁTRAHÁZI
Technical Services Senior Manager
Competition & Events Department

FalseStart III Pro Summary

	FalseStart III Pro
Setup	FalseStart III Pro Caddy
Control unit	PC touchscreen in Caddy
Communication FS III to start modules	Wireless (Wired also possible: optional start cables)
Start sound in speaker starting block	Beep or bang
Battery power	12VDC 28 Ah in caddy and 12VDC 2 Ah in each start module
Maximum sound volume	12Watt in each start module or total of 96Watt for 8 modules and 120Watt for 10 modules
Loudspeaker on starting modules	12 Watt (8 inch horn speaker)
Measurement results display	All reaction times on computer display
Graphics of start	On touchscreen in FalseStart III Pro Caddy
Printer	Optional printer, has to be mounted in FalseStart III Pro Caddy
Measurement sensitivity	User programmable sensitivity
Starter voice amplification	High power, high quality on the starting modules Pro
Starter headset	Yes, with microphone and ear set for voice for recall beeps

Also interested in an Electronic Start System?

The start can be given by a classic start gun with a start detector (P633) or with an electronic start device. With the electronic start device you can make use of different start sounds (bang - beep).

The electronic start device gives you the following advantages: adjustable sound volume, no mechanical failures of the gun, no cost of bullets, no smoke, The electronic start device should be used in combination with a SpeakerBox and optional additional speakers.

