



STARTTIME V - ELECTRONIC STARTING DEVICE

Overview

The StartTime V is the ideal solution to manage the starting process of most of sport or disciplines, such as swimming, athletics or speed skating. This starting device combines the highest Swiss Timing technologies and latest safety standards.

The StartTime V is driven by a multifunction LCD display. It also features an enhanced internal amplifier, a keypad to select the various setup possibilities, a high fidelity loudspeaker and an integrated optical flash.

A line out allows optional loudspeakers to be connected to deliver the start signal as close as possible and simultaneously to each athlete. A microphone unit enables the starter to give the start signal while amplifying all the verbal commands.

The main function of the StartTime V is to generate a signal to give the start of the race. To perform this mission, the StartTime V can manage the following peripherals:

- **E-gun:** the electronic starting device used to replace the traditional powder gun to signal the start to the athletes and trig the timing devices. When the starter active the gun trigger, simultaneously, a sound is played, a flash is emitted and a start pulse is given to the timing devices. By pressing the trigger a second time within a programmable delay, the false start sound will be played.
- **Timer (Quantum):** it receives the pulses generated by different devices to time the race.
- **High fidelity loudspeaker:** a sound is used to simulate the noise of a gun or a whistle.
- **Flash Start:** in certain competitions, a Flash Start System is used like start signal for disabled person.

TOP FEATURES

- Integrated and extra luminous flash
- Improved waterproof protection
- Menu setup by LCD and keypad
- Built-in high fidelity loudspeaker and amplifier
- User friendly



StartTime V with E-gun & headset



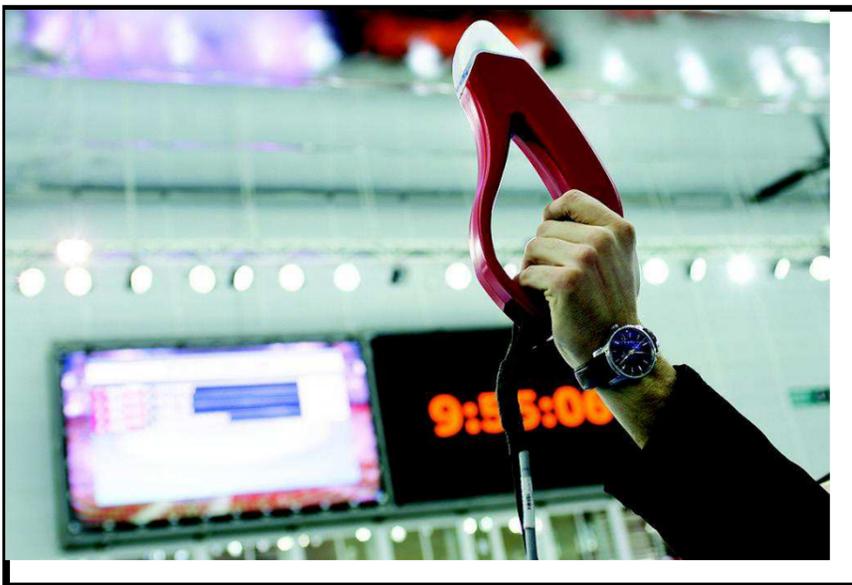
StartTime V with microphone unit

STARTTIME V - SPECIFICATIONS

StartTime V with E-gun	3481.931
StartTime V with microphone unit	3481.930
Dimensions (LxWxH)	395 x 192 x 160 mm
Weight	5.8 kg
Connections	microphone/E-gun, timer (Quantum), External flash, speaker, line out, charger
Power supply	integrated 12V / 7Ah lead-acid battery
Charger	included, indoor only
Public address speaker	up to 2 x 20 W output
Self-discharge time	12 months if not in use
Battery indicator	4 levels of battery symbols
Operating temperature	-10° to +65°C
Storage temperature	-20° to +70°C
Relative humidity	20-80% (non-condensing)
Protection class	IP43
Certifications	CE and RoHS compliant

E-GUN - SPECIFICATIONS

Dimensions (LxWxH)	280 x 35 x 140 mm
Weight	820 gr (with cable)
Cable length	7 m
Power supply	DC input, 7-18V DC
Flash duration	0.1 s
Flash visibility	Sun visible >200 m
Flash viewing angle	360° horizontal, 90° vertical
Operating temperature	0° to +50°C
Storage temperature	-20° to +70°C
Protection	IP64
Certifications	CE and RoHS compliant



Intellectual property of Swiss Timing. All rights reserved, especially those of reproduction and distribution to third parties.



MICROPHONE UNIT - SPECIFICATIONS

Dimensions (LxWxH)	118 x 25 x 80 mm w/o buttons
Weight	650 gr (with cable)
Micro. cable length	7 m
Operating temperature	-10° to +55°C
Storage temperature	-20° to +70°C
Protection	IP43
Certifications	CE and RoHS compliant

STARTTIME V - OPTIONS

- **OMEGA Flash Start (3481.951.25):** visual signal intended for hearing impaired athletes. Powered by the StartTime. Includes a 25m cable to connect to the StartTime.
- **OMEGA Flash Start with extension cable (3481.951.05)**

Loudspeaker for mobile installations: to be positioned near each starting block so that all swimmers hear the start simultaneously.

Set of mobile loudspeakers with harnesses (cables sets), .03 and .06 refers to the cable length (3 or 6m) between 2 loudspeakers.

Sets of the required cables combination in order to connect 3 to 10 loudspeakers:

- **Set of 3 mobile loudspeakers with 6m cables (3399.933.06)**
- **Set of 4 mobile loudspeakers with 3m/6m cables (3399.934.03/06)**
- **Set of 5 mobile loudspeakers with 3m/6m cables (3399.935.03/06)**
- **Set of 6 mobile loudspeakers with 3m cables (3399.936.03)**
- **Set of 8 mobile loudspeakers with 3m cables (3399.938.03)**
- **Set of 10 mobile loudspeakers with 3m cables (3399.940.03)**
- **Multipurpose tripod (up to 8 kg) (9051.6339)**
- **Cable on winder (1865.050)** Connects StartTime V to timing device. 50 m cable on winder (Tu 4pM - Tu 4pF, 1 mm2)

IMPORTANT NOTE

The StartTime V can be operated with the E-gun OR start microphone depending on the sports, discipline or client needs.

The StartTime V - E-gun and Microphone unit are not compatible with StartTime IV.

Due to changes and upgrades on imports and security laws, it is very difficult, if not prohibited, to import old fashion powder starting guns in most countries.