

# SWIMSTART®



## A Versatile, Affordable Electronic Start System

- Compact, rugged case
- Tone & 360° strobe
- Recall tone
- Rechargeable battery
- Built-in PA system
- External speaker jack
- 5-Year warranty



International Sports Timing  
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Grand Rapids, MI 49548  
Phone: 800/835-2611  
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<http://www.istime.com>

### Specifications

#### Physical

- 12" high x 8" wide x 4" deep
- weight: 23 pounds
- Aluminum - black anodized finish

#### Power

- Internal, rechargeable 12V battery with overcharge protection
- Est. use per charge: 12+ hrs.
- 110V to 28V AC wall transformer for charging
- "ON" and "CHARGING" lights

#### 360° Strobe

- 6,000 v. xenon strobe bulb

#### Speaker

- 40 watt, 120 db speaker on case
- Auxiliary jack for extra speakers
- Bridged power amps for maximum volume

#### Microphone

- Talk and start/recall switches
- 15 foot cord and hanging clip

#### Output to Timing System

- Includes normally-open and normally-closed outputs

#### Mounting

- Non-tip feet allow unit to be placed directly on deck
- Latching straps for backstroke flag pole mount included

## SWIMSTART

The **SWIMSTART** Electronic Start System from International Sports Timing includes a portable public address (PA) system, 360° strobe and tone start signals, and recall tone in a rugged case. By using state-of-the-art micro circuitry, we fit lots of features in a compact package with outstanding durability and the best warranty in the business. All speaker and timing system connections are external, so there's no need to expose the electronics during hookup.

**SWIMSTART** may be used stand-alone or interfaced to IST's PC based Timing Systems or other popular timing consoles. No-tip feet allow the unit to be placed directly on deck, or attach it to the backstroke flag pole with the latching straps included with the unit.

Our internal, rechargeable 12V battery has an intelligent charging circuit that makes it impossible to overcharge. No need to run the battery down before recharging, either. You can store the **SWIMSTART** with the charger plugged in, so you always have a full charge.

The forty watt speaker will get every swimmer's attention, since we bridge the power amps for maximum volume. Plug far-side or block speakers into the auxiliary jack for better sound coverage in large or outdoor pools. The ultra-bright 360° strobe is protected by an ABS plastic lens. For practice, turn the speaker off and use the strobe only to train swimmers for the fastest possible start.

IST's 5-year warranty means years of worry free use, and the **SWIMSTART** is still the most affordable full-function start on the market.

# SWIMSTART® Remote Start



You can add the Remote Start Transmitter/Receiver package to your SWIMSTART or another electronic start and give your officials the freedom to focus on the race without worrying about wires.

Coaches love the Remote Start. They can activate the start tone from anywhere in the pool when teaching starts. Using the PA system to talk to swimmers allows them to communicate effectively without raising their voice.

IST uses 900 MHz technology to insure a fair start without interference from other wireless devices. You can select from 8 different channels to find one that doesn't pick up stray signals in your facility. Our Remote Start Receiver will only react to the *encoded* start and voice signals sent by the Remote Start Transmitter. That makes it virtually impossible for the start to be tripped accidentally or for unintentional audio signals to be broadcast over the PA.

The SWIMSTART Remote Start gives you maximum flexibility. Put Receivers on two starts and you can trigger them both simultaneously with one Transmitter. Give a Transmitter to both the starter and referee, and either one can use the PA or send a recall signal.

IST's 5-year warranty means years of worry free use. Call us for a list of coaches currently using the SWIMSTART Remote Start from International Sports Timing.

## Specifications

### Transmitter

- 5" high x 2.75" wide x 1" deep
- Weight: .25 pounds
- High impact ABS plastic case
- Lanyard neck strap
- 903.3 MHz - 921.3 MHz signal
- 8 user selectable channels
- Security coded start & audio signal
- 9 volt alkaline battery
- Low battery warning
- Estimated battery life: 20 hours of continuous transmission
- No FCC operator license required

### Receiver

- 5.5" high x 3.5" wide x 1.25" deep
- Weight: .5 pounds
- High impact ABS plastic case
- 903.3 MHz - 921.3 MHz signal
- 8 user selectable channels with LED channel display (not included in non-SWIMSTART models)
- Easy to read LED status indicators
- Highly sensitive (-97dBm typical)
- Powered by SWIMSTART (non-SWIMSTART models powered by 9 volt battery)

## Add Convenience & Flexibility to Your Electronic Start

- 900MHz Technology
- 8 Selectable Channels
- Encoded Start Signal
- Encoded Audio Signal
- 100+ Yard Range
- Rugged Construction
- Adapts to Other Starts
- FCC Approved
- Long Battery Life
- 5-Year Warranty



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