

International Sports Timing
PRODUCT SPECIFICATIONS
SWIMCLOCKBT Bluetooth® Enabled Pace and Game Clock

Introduction

The International Sports Timing SWIMCLOCKBT Bluetooth® Enabled Pace and Game Clock is a fully programmable pace clock with stopwatch and game modes using a Bluetooth® radio controller and app downloaded onto an Android or iOS device. It can also be used as a non-programmable version that counts seconds continuously when turned on. SWIMCLOCKBT's can be used indoors or outdoors and are available with or without an internal rechargeable battery. Like all products from IST, SWIMCLOCKBT Bluetooth® Enabled Pace and Game Clocks are covered by a five-year warranty (battery warranty is two years).

I. SWIMCLOCKBT Bluetooth® Enabled Pace and Game Clock

A. Physical

1. Overall size is 24" in length by 12.5" in height by 4" deep.
2. Total weight is 17 pounds without battery or 32 pounds with battery.
3. Case consists of an aluminum extrusion coated with a matte black anodized finish. End caps flare at bottom to form no-tip feet.
4. Lens is transparent red, 1/8", non-glare shatterproof Plexiglas.
5. Built-in Sonalert horn sounds as indicated during sets and workouts.

B. Electrical

1. All models should only be connected to GFI (Ground Fault Interrupt) 110V 5 amp (min.) outlet for operation (non-battery models) or charging (battery models).
2. Load requirement: .2 amps.
3. Battery models include two internal, rechargeable 12V batteries with an over/undercharge protection circuit (warranty on batteries is two years).

C. Display

1. Four-character display plus colon, which displays up to 99 minutes and 59 seconds. Characters are 6 1/2" high by 4 1/2" wide.
2. Each character is formed by a matrix of dots, 7 high by 5 wide. Each dot is formed by a cluster of 4 Super-Bright Light Emitting Diodes (LED's).
3. The color of the LED's is red. The LED's are guaranteed by the manufacturer for 100,000 hours of operation.

D. Environmental

1. The operating temperature range is 0 to +55 degrees Celsius.
2. The storage temperature range is -55 to +85 degrees Celsius.
3. The operating humidity is <= 90% non-condensing.

E. Operating Features

1. The operation of the SWIMCLOCKBT is controlled through either the built-in Bluetooth® radio or externally attached Bluetooth® radio adapter. Operation is described in Section II, E below.
2. If the controlling device (Android/iPhone) is not attached, the SWIMCLOCKBT will begin counting by seconds continuously from 0:00 to 99:59, then repeat.
3. Up to 4 SWIMCLOCKBT's can be programmed with one controlling device (Android/iPhone) to run synchronously.

F. Optional Shot/Game Switch

1. SWIMCLOCKBT's can also be used as Water Polo Game or Shot clocks. The optional Shot/Game Switch allows the user to switch between Game Clock Mode (4 digits, counting up by seconds) and Shot Clock Mode (2 digits counting down by seconds). This item must be ordered separately but is factory-installed before delivery.

II. SWIMCLOCKBT Adapter (External)

A. Physical

1. Overall size is 3" in length by 2" in width by 2.5" in depth (including antenna).
2. Total weight is .3 pounds.
3. Case is impact-resistant ABS plastic with external antenna.
4. Attaches to SWIMCLOCK/SWIMCOUNT with industrial velcro

B. Electrical

1. Bluetooth® Adapter receives power from the pace clock through a 5' coiled 6-conductor wire with marine connectors. Bluetooth® Adapter must be connected to the SWIMCLOCKBT during operation.

C. Environmental

1. The operating temperature range is 0 to +55 degrees Celsius.
2. The storage temperature range is -55 to +85 degrees Celsius.
3. The operating humidity is <= 90% non-condensing.

D. Operating Features of the Android/iPhone app

1. WORKOUT MODE: Allows the operator to create up to 30 sets, each containing unlimited intervals with up to 99 repetitions. Count-up or count-down is selectable. Once created, sets can be edited or deleted and replaced. Sets are retained in memory by Category and Set Name and can be recalled at any time. Unlimited workouts can be created, each containing an unlimited number of sets. Once created, workouts can be edited or deleted. Workouts are retained in memory by name and can be recalled at any time. While running, workouts can be stopped, restarted or reset.
2. E-Z WORKOUT: Allows the operator to enter a time interval and a number of repetitions. Once started, the clock will run until all repetitions have been completed.
3. GAME MODE: Allows the operator to set a time and select either count-up or count-down. While the clock is running, it may be stopped and restarted or reset. A tone sounds when time is expired. Multiple clocks can be linked to run synchronously (see Section I, E, 2).
4. STOPWATCH MODE: Allows clock to be used like a stopwatch in Free Running, Cumulative or Lap modes. Free Running mode allows the operator to start, stop and reset the clock to zero. Cumulative mode allows split stops and displays cumulative splits. Lap mode displays lap splits each time the Enter button is activated.
5. Horn: The horn can be sounded by pressing the HORN button at any time from any of the above operations. In addition, the horn sounds automatically at the beginning of each interval in Workout Mode and E-Z Workout.

