
SHOTCLOCK-HI (WITHOUT BATTERY) OPERATING INSTRUCTIONS

Instructions for Operating the SHOTCLOCK-HI

1. To use the SHOTCLOCK-HI as a stand-alone pace clock, connect it to a 110 volt GFI outlet with the power cord provided. Turn it on by pressing the switch on the left end of the case to the down position. The SHOTCLOCK-HI will then begin to count up. When you are finished using the SHOTCLOCK-HI, simply turn it off.
2. To use the SHOTCLOCK-HI with IST's POLOWARE system, remove the 110 volt power cord. Connect the SHOTCLOCK-HI to the Polo Interface with the RJ11 cable that resembles a phone cord. (Do not use standard phone cords--they only have four wires and we need six to carry power to the SHOTCLOCK-HI.) Plug one end of the cable into the RJ11 socket in the SHOTCLOCK-HI and the other into any RJ11 socket in the Polo Interface. *When the SHOTCLOCK-HI's are connected to the Polo Interface, do **not** plug them into a 110 volt outlet with the power cord. They receive their power and data from the Polo Interface, reducing the wires on the deck. Power cords are used for stand-alone operation only.* Turn on the SHOTCLOCK-HI by pressing the switch to the up position. The clock will display data only when the appropriate clock setting has been sent by the computer.
3. SHOTCLOCK-HI's are splash resistant, but should not be placed where they are likely to become soaked with water. To clean water spots from the lens and case, use glass cleaner or a solution of white vinegar and water.

Using the SHOTCLOCK-HI with the Swim Pendent

1. Plug the SHOTCLOCK-HI into a grounded AC power outlet and connect the Swim Pendent to the matching connector on the SHOTCLOCK-HI's left side. Turn the rocker switch on the SHOTCLOCK-HI to the UP position. (In the down position, the clock will count seconds continuously from 1 to 99).
2. Use the down arrow key on the pendent to select Game Clock and hit the Entr key.
3. Use the number keys to enter the required shot clock time and press the Entr key.
4. Use the up and down arrow keys to select count up or count down.
5. Press the Start/Stop key to run the clock.
6. Press the Start/Stop key to stop the clock. You can enter a corrected time or press Start/Stop again to restart the clock.
7. Press the Clr key to reset the clock to the preset time. It will start counting down immediately after reset.
8. When the preset clock time runs down, a horn will sound.
9. When finished, press Start/Stop to stop the clock (if necessary), then Exit.

SHOTCLOCK-HX (WITH BATTERY) OPERATING INSTRUCTIONS

Instructions for Charging

1. The Battery Operated SHOTCLOCK-HX will run for 8 to 10 hours on a full charge and will recharge in 7-8 hours. **It is not necessary to let the battery run down before recharging. To maintain maximum battery life, charge the SHOTCLOCK overnight after every use.**
2. To charge the SHOTCLOCK-HX, plug the power cord supplied with the unit into the connector near the switch and into a 110v GFI wall outlet. The light under the horn will come on when the unit is charging. When the light is flashing or off, the unit is fully charged.
3. It will not harm the batteries to leave SHOTCLOCK-HX charging longer than the required time. If you wish, you can use SHOTCLOCK-HX each day in practice, then leave it charging until the next practice. The batteries used in SHOTCLOCK-HX do not have a memory, so there is no danger of over- or under-charging them.

4. You may also use SHOTCLOCK-HX with the power cord plugged in. The unit will continue to charge, but will require more time than if it was not in use.
5. To store the SHOTCLOCK-HX during the off-season, fully charge the battery and disconnect it from power. Remove water spots from the surface with glass cleaner and a soft cloth. Store the SHOTCLOCK-HX in a dry place. Before using the SHOTCLOCK-HX after a storage period of a month or more, be sure to charge it again.

Instructions for Operating the SHOTCLOCK-HX

1. To use the SHOTCLOCK-HX as a stand-alone pace clock, begin with a full charge. Turn it on by pressing the switch on the left end of the case. The SHOTCLOCK-HX will then begin to count up. When you are finished using the SHOTCLOCK-HX, simply turn it off by pressing the switch and plug it in to charge.
2. To use the SHOTCLOCK-HX with IST's POLOWARE system, begin with a full charge. Connect the SHOTCLOCK-HX to the Polo Interface with the RJ11 cable that resembles a phone cord. (Do not use standard phone cords--they are not wired the same.) Plug one end of the cable into the RJ11 socket in the SHOTCLOCK-HX and the other into any RJ11 socket in the Polo Interface. Turn on the SHOTCLOCK-HX by pressing the switch. The clock will display data only when the appropriate clock setting has been sent by the computer.
3. SHOTCLOCK-HX's are splash resistant, but should not be placed where they are likely to become soaked with water. To clean water spots from the lens and case, use glass cleaner or a solution of white vinegar and water.

Using the SHOTCLOCK-HX with the Swim Pendent

1. Begin with a full charge and connect the Swim Pendent to the matching connector on the SHOTCLOCK-HX's left side. Turn on the SHOTCLOCK-HX by pressing the switch.
2. Use the down arrow key on the pendent to select Game Clock and hit the Entr key.
3. Use the number keys to enter the required shot clock time and press the Entr key.
4. Use the up and down arrow keys to select count up or count down.
5. Press the Start/Stop key to run the clock.
6. Press the Start/Stop key to stop the clock. You can enter a corrected time or press Start/Stop again to restart the clock.
7. Press the Clr key to reset the clock to the preset time. It will start counting down immediately after reset.
8. When the preset clock time runs down, a horn will sound.
9. When finished, press Start/Stop to stop the clock (if necessary), then Exit.

If you need further assistance, contact:

International Sports Timing:
3286 Kentland Ct. S.E.
Grand Rapids, MI 49548

Phone: 800/835-2611
Fax: 616/247-0086
Email: info@istime.com
Web Site: www.istime.com

International Sports Timing Product Warranty

The limited warranty set forth below is given by **International Sports Timing**, division of Industrial Service Technology, Inc. ("Company") with respect to **SCOREBOARD, Computer Interface (included with SWIMWARE, TIMEWARE or MEETWARE Software), POLOWARE Interface (included with POLOWARE Software), SWIMCLOCK, SWIMCOUNT, SHOTCLOCK, SWIMSTART, SWIMSTART Remote Start, Backup Button and On-Deck Cable** products ("Products"). **(NOTE: In-deck wiring and all related deck plates, wall plates and wiring are NOT included in this warranty. See separate warranty statement.)**

Products, when delivered to you in new condition in their original containers, are warranted against defects in materials or workmanship as follows: for a period of **five (5) years** from the date of original purchase, defective Products returned to the Company and proven to be defective upon inspection, will be repaired or exchanged for new or comparable rebuilt Products, as determined by the Company. **Twelve (12) Volt Batteries** (Batteries) used in some Products are warranted against defects in materials or workmanship for a period of **two (2) years** from the date of original purchase, during which period defective Batteries in Products returned to the company and proven to be defective upon inspection will be replaced by the Company. If the Batteries prove to be defective during the remaining three (3) years of the Product warranty, the Company will replace the Batteries for such cost as the Company may generally establish from time to time.

This limited warranty covers all defects encountered in normal use of the Products, and does not apply in the following cases:

1. Loss of or damage to the Products due to abuse, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, failure to follow operating, maintenance or environmental instructions prescribed in the Company's instruction manual, or service performed by other than the Company
2. Use of parts or supplies (other than those sold by the Company) which cause damage to the Product or cause abnormally frequent service problems.
3. If any Product has had its serial number or dating altered or removed.

The Company makes no express, implied or statutory warranties (including any warranty of merchantability or of fitness for a particular purpose) with respect to any goods or services sold by the Company. The Company disclaims and Buyer agrees that there are no warranties arising from any course of dealing or trade usage or warranties implied by custom or usage in the trades of the Buyer and of the Company, and that any prior dealings of the Buyer with the Company do not imply that the Company warrants the goods or services in any way.

Any buyer of Products from the Company agrees with the Company that the sole and exclusive remedies for breach of any warranty concerning the goods or services shall be for the Company, at its option, to repair or replace the Products or refund the purchase price. In no event shall Company be liable for any consequential or incidental damages even if the Company fails in any attempt to remedy defects in the Products, but in such case the Buyer shall be entitled to no more than a refund of all money paid to the Company by the Buyer for purchase of all Products. Any cause of action for breach of any warranty by the Company shall be barred unless the Company receives from the Buyer a written notice of the alleged defect or breach within ninety (90) days from the earliest date

on which the buyer could reasonably have discovered the alleged defect or breach, and no action for the breach of any warranty shall be commenced by the buyer later than twelve months from the earliest date on which the buyer could reasonably have discovered the alleged defect or breach. The warranty herein extends to the original Buyer only and not to Buyer's customers or the users of Buyer's products. This warranty shall not apply if the Product has been subjected to alteration, misuse, accident, neglect or improper application, installation or operation.

Warranty Service

In order to obtain warranty service, call the Company at 800/835-2611 from Monday to Friday 9:00AM to 5:00PM Eastern Time (excluding holidays). A Company technician will attempt to diagnose the nature of the Product problem and correct it over the telephone. If the problem cannot be corrected over the telephone, you will be given a Return Material Authorization (RMA) Number, and directed to ship the Product to the Company, to the attention of the RMA number. The Company technician may direct you to return only certain components of the Product that require repair or replacement. It is your responsibility to **properly** package and send the Product together with a complete explanation of the problem to the Company at your cost. Products covered by this limited warranty will be repaired or replaced and returned to you without charge by the Company. Repairs not covered under this limited warranty will be charged to you at such cost as the Company may generally establish from time to time.

Exchange Service

Exchange Service is a program that expedites the exchange of a non-working product with a refurbished Product, when available. The refurbished Product you receive will be covered by the balance of the period remaining on your original limited warranty. **NOTE THAT BY USING THIS SERVICE YOU WILL KEEP THE REPLACEMENT PRODUCT THAT IS SENT TO YOU AND THE COMPANY WILL NOT RETURN TO YOU THE NON-WORKING PRODUCT THAT YOU ORIGINALLY PURCHASED, WHICH SHALL BECOME THE PROPERTY OF THE COMPANY.**

If you elect Exchange Service and a refurbished Product is available, you will be issued a Return Material Authorization (RMA) Exchange number, and directed to ship the Product to the Company, to the attention of the RMA number. You will be asked for information pertaining to your non-working Product and for a ship-to location for the replacement Product (street address only--no P.O. Boxes). The Company technician may direct you to return only certain components of the Product that require replacement. It is your responsibility to **properly** package and send the Product together with a complete explanation of the problem to the Company at your cost. The replacement Product will be sent to you at no charge by the Company. You must also agree that you will be billed an amount up to the cost of a new Product if (1) you do not return the non-working Product to the Company within thirty (30) days of receiving the RMA Exchange Number; (2) the defects in the non-working Product are not covered by this limited warranty; or (3) the warranty period on the Product has expired or has not been sufficiently established by the Product's serial number, as registered by the company.