

# Scoreboard Operator's Instructions

## Handheld Control (HHC) - Baseball



## **Thank You**

Thank You for choosing Nevco Sports LLC. We appreciate your business.

The following instructions will help you become familiar with the operation and features of the scoreboard system.

Please take a few minutes to study this manual, and to practice with the control.

If you ever have any questions or comments, please call or email us.

## **NEVCO GUARANTEE**

To view or receive the most recent copy of the Guarantee, please visit our website, [www.nevco.com](http://www.nevco.com) or call 1-618-664-0360.

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## Overview

The Handheld Controller provides easy control of game statistics and timing through a simple keypad interface with two information displays. This guide explains how to use each button and interpret the display screens.

## Display Screens

### *Startup*

When you power on your Nevco ONE handheld controller, you'll first see the "NEVCO SPORTS ONE" splash screen for approximately two seconds. The device automatically checks battery levels and displays warnings if batteries are low or critically depleted. If battery power is sufficient, the controller begins searching for nearby Nevco receivers. If the device is already configured to a ONE receiver, "Connecting to: [serial]" while establishing communication with the receiver. Once connected, you may be prompted to select from available activities to start.

### *Number Entry*

To enter numbers, like Player number:

- Use the keypad:
- Buttons 1-9 for respective digits
- Center bottom button for 0
- The cursor shows the current digit position
- Press **Enter** to confirm
- Press **Back** to cancel

# Baseball Operation Guide

## Display Screens

### *Main Display*

This is your default screen showing essential game information:

- Top line: Shows current inning number, half-inning indicator (^ for top, v for bottom), and guest team score
- Bottom line: Shows pitch clock time and home team score
- Team selection is indicated by cursor position based on bottom or top of the inning (highlighted team is currently selected)

### *Statistics Display*

This screen appears temporarily (3 seconds) after pressing pitch count buttons:

- Top line: Shows current inning number, half-inning indicator, and number of outs
- Bottom line: Shows ball count and strike count

## Button Functions

### *Primary*

The HHC keypad has 12 buttons arranged in a 3×4 grid. The top buttons are configured for baseball/softball primary functions:

| Label        | Function                                                      |
|--------------|---------------------------------------------------------------|
| INNING       | Increment inning numberHold: Toggle top/bottom half of inning |
| HIT          | Record a success for the chosen team                          |
| PITCH        | Increment pitch count for selected team                       |
| SCORE        | Add run (point) to selected team                              |
| ERROR        | Record error for selected team                                |
| AT BAT       | Set/change at bat player number                               |
| BALL         | Increment ball count                                          |
| BALL CLEAR   | Hold: Reset ball count to zero                                |
| OUT          | Increment out count                                           |
| OUT CLEAR    | Hold: Reset out count to zero                                 |
| STRIKE       | Increment strikes                                             |
| STRIKE CLEAR | Hold: Reset strikes                                           |

## Game Operation Guide

### *Starting a Game*

- The controller initially displays the main screen.
- Team selection is indicated by cursor position on the display and according to the half inning.

### *Basic Scoring*

- Actions will be recorded to the proper team based on half inning
- Record a hit: Press HIT button.
- Add a run: Press SCORE button.
- Record an error: Press ERROR button.

### *Count Management*

#### *For Each Pitch*

- Press BALL or STRIKE to increment the respective count.
- The pitch count will automatically increment.
- Press PITCH if manual increment is needed.

### *Resetting Counts*

- Hold BALL to reset the ball count.
- Hold STRIKE to reset the strike count.
- Hold OUT to reset the out count.
- Counts will automatically reset after walks, strikeouts, or three outs.

### *Inning Management*

#### *Changing Innings*

- Press INNING to increment the inning.
- Hold INNING for half inning to toggle between the top/bottom of the inning.

#### *After Three Outs*

- The system automatically toggles the half-inning or advances to the next inning.
- Ball, strike, and out counts are automatically reset.

### *At-Bat Display*

- Press AT BAT to set/change the player at bat.

- The At-Bat display will automatically clear after a number entry.

#### *Automatic Functions*

The Handheld Controller performs several automatic operations in accordance with baseball rules:

- Reset ball/strike counts after a hit or when maximum count is reached.
- Change the half-inning after three outs.
- Reset the pitch clock after each pitch.
- Track and display hit and error indicators.

## Options Menu

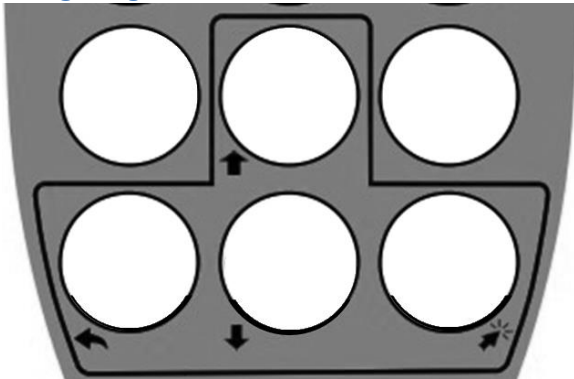
The NEVCO ONE handheld controller features an Options Menu for accessing device information and configuring system settings. This menu provides access to battery status, device configuration settings, and system details.

### Accessing

To access the Options Menu:

- Press the "Options" button (located at the center bottom) from any screen.

### Navigating



### Keypad Navigation

Utilize the Up and Down buttons to navigate through different options.

- Press Enter to select the highlighted option.
- Press Back to return to the previous screen.

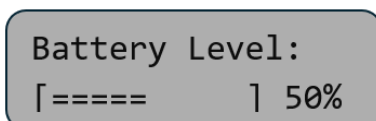
### Available Options

The Options Menu includes the following selections:

#### Battery

This option displays current battery level information with visual battery indicator illustrates the approximate remaining charge.

This screen enables you to monitor your device's battery status to prevent depletion during critical operations.



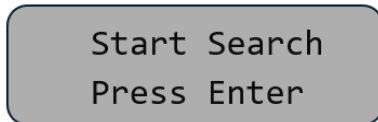
#### Battery Level

Note: The battery is also checked at startup and will display a warning when it is at or below 20%.

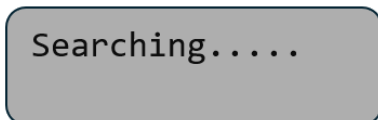
## Configure

This option allows setup and connection to a receiver:

- Select this option to initiate a search for available receivers.
- The screen will display "Start Search" and "Press Enter".

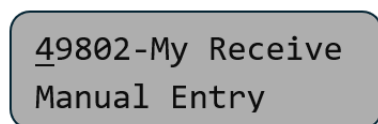


- Upon confirmation, the system will search for nearby NEVCO ONE receivers.



When receivers are detected, you can:

- Choose from a list of discovered receivers (displayed by serial number and name).
- Choose "Manual Entry" to manually input a receiver's serial number.



This functionality is essential for:

- Initial controller setup.
- Connecting to a different receiver.
- Troubleshooting connection issues.

## About

This screen provides crucial device information:

- Serial Number: The unique serial number of your controller.
- Model: The model designation of your controller.

This information is often required when contacting technical support or identifying your specific device.

## Help

This screen offers contact information for NEVCO technical support:

- Support Phone Number: 1-888-212-8185.

Contact this number if you encounter unresolved issues with your device despite consulting the manual or configuration options.

## Specifications

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Small and light weight (fits in or clips to pocket)</li> <li>• Electronic Team Name and Caption Support</li> <li>• Tactile confirmation of key pressed</li> <li>• High visibility transfective display</li> <li>• Convenient wireless operation</li> <li>• Built in wireless signal strength meter</li> <li>• Power conservation circuitry</li> <li>• Built in battery meter</li> <li>• Long battery life</li> <li>• Uses inexpensive, readily available AA batteries</li> <li>• Sealed keyboard</li> <li>• No slip grip</li> <li>• Ergonomic single hand operation</li> <li>• Internal antenna</li> <li>• Mate multiple controls to same scoreboard</li> <li>• Operate multiple scoreboards</li> <li>• Retrofits to existing wired installations</li> </ul> | <p><b>Size:</b><br/>Approximately 3¼" x 5½" x 7/8"</p> <p><b>Weight:</b><br/>5½ oz. (including batteries)</p> <p><b>Keypad:</b><br/>12 keys</p> <p><b>Display:</b><br/>32 character LCD</p> <p><b>Power Requirements:</b><br/>Two AA cells (included)</p> <p><b>Operating Distance:</b><br/>1000 feet (clear line of sight)</p> <p><b>Receiver Output:</b><br/>One BNC connector (supports two loads with up to 1000 ft. coax each)</p> <p><b>Operating Temperature:</b><br/>0°F to 150°F</p> <p><b>Certifications:</b><br/>FCC Part 15 Class B<br/>CE<br/>RoHS</p> |
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## Compliance

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver. —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. —Consult the dealer or an experienced radio/ TV technician for help.

The user is cautioned that changes and modifications made to the equipment without the approval of Nevco could void the user's authority to operate this equipment.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: This device may not cause interference. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : L'appareil ne doit pas produire de brouillage; L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Open-Source Software

This product makes use of open-source software. The open-source software is provided "as is" without any warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. The use of this software is subject to the terms and conditions of the respective open-source licenses.

The source code for the open-source software used in this product is available upon request. To obtain a copy of the source code, please send a written request to the following address:

**NEVCO, Inc.**

**301 East Harris Avenue**

**Greenville, IL 62246-2151 USA**

Please include your name, address, and the specific software for which you are requesting the source code. We will respond to your request as soon as possible.