

# ALL AMERICAN SCOREBOARDS™

## MP-7312 Baseball Scoreboards

AT BAT	47		BALL	3		STRIKE	2		OUT	2		H-E	H	
	1	2	3	4	5	6	7	8	9	10	R	H	E	
GUEST	0	0	2	0	0	1	0				3	6		1
HOME	1	0	1	0	0	3					5	10		0



Operator's Manual

Rev 10/22/08

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### Manual Overview

This manual is intended for the use of the All American Scoreboard owners and users. Read this manual carefully before starting the equipment.

This manual contains important information for operation and maintenance of the equipment. It also contains important instructions to prevent accidents, personal injury and/or serious damage prior to or during operation of the equipment.

Familiarize yourself thoroughly with the function and operation of this equipment and strictly observe the directions given. If you have any questions or need further details on specific aspects related to the AAS system, please do not hesitate to contact us.

In this manual you will find three levels of flagged notes or warnings.



**WARNING!** THE WARNING MESSAGE IS USED WHEN A LIFE THREATENING SITUATION MAY ARISE OR PERSONAL INJURY CAN RESULT.



**CAUTION!** The caution message is used when there is a danger of damage to the equipment, materials, or other important information; such as Warranty issues.

**NOTE:** The Note message is used to give operational information and useful tips.

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## 1.0 Keypad Console

The Controller Keypad Console has a touch sensitive keypad that allows the operator to enter all pertinent information. It then sends the information to the Controller Assembly within the sign by way of radio signal or hard-wire. A LCD screen displays Scores, Innings, Balls, Strikes and Outs, and depending on the board model Hits and Errors. There are two styles of Keypad consoles. The Keypad you have will depend on the model of Scoreboard and interface system you have.



**CAUTION:** To protect the console from damage, it is advisable to disconnect the console and store in a dry secure area when not in use.

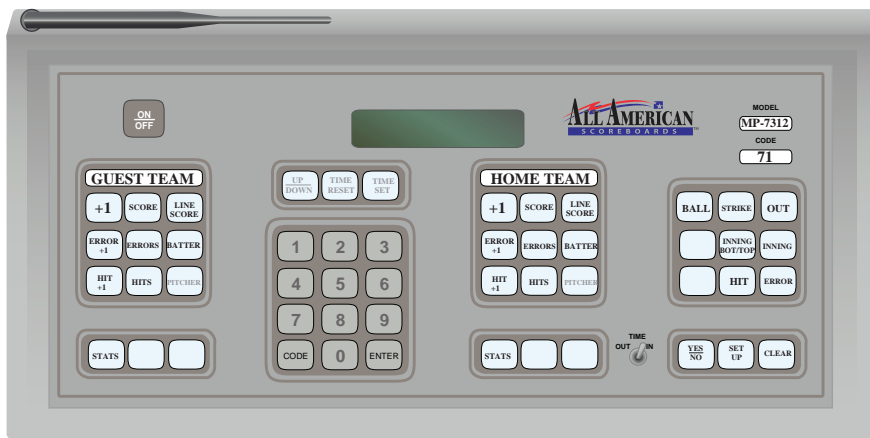


Figure 2A



Figure 2B

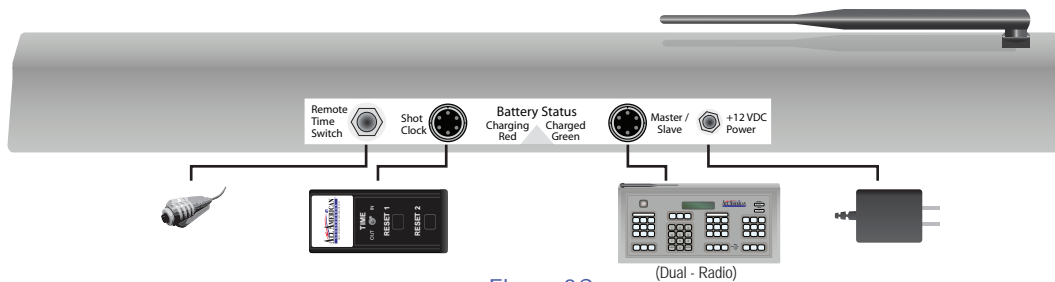


Figure 2C

**NOTE:** To operate dual signs with a radio unit, a second console must be turned on and connected to the MASTER/SLAVE output via a dual radio console cable (item # 151733). The second console will only be used to transmit information.

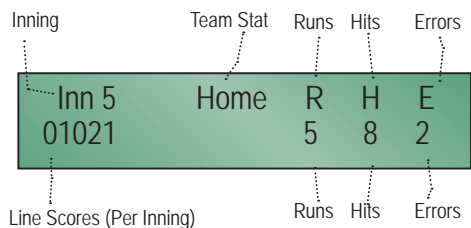


Figure 3b. Typical Stats LCD Game Display & Definitions

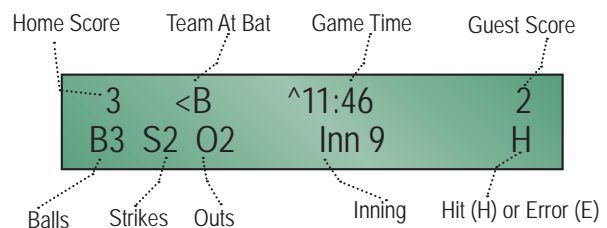






Figure 3a. Typical Game-Time LCD Game Display & Definitions

## 2.0 Control Keypad Functions





Turn On the Keypad console press . The LCD screen should become active.

### 2.1 Initializing the System at every Start-up.

To do this, locate the Code label on the Keypad console (located upper right corner in Figure 2A) - code 71. Press  the code   then . The LCD should change. The scoreboard will display:





### 2.2 Set Up Brightness and Dimming

Press  will start the dimming option, the LCD will display Dimming 1 to 4 levels of brightness, with 4 being the brightest. Press  (1, 2, 3 or 4) then  then .





Press  to go through the steps of Set Up (most are not used for Baseball).

### 2.3 Runs and Line Scores

Press  to designate which team is at bat. The display will display a <B for Guest and a B> for Home. The Home and Guest Scores can be changed in two ways.



1. Press  under either Home or Guest Scores to increase the score by 1 number. **The score will be calculated in the total score and the line score.**

2. To enter or change the total runs, using the numeric keypad under Home or Guest press



, enter the score (   will change the score to 12) then press .

To Clear a score, under Home or Guest press  then . **Line scores will need to be corrected.**



**Note: If an overall score is changed, the line score will need to be corrected by:**

1. Press , the Inning number needing to be changed then . **The scoreboard will blank all innings after the inning to be changed, but will not clear information.**

2. Press  to designate which team's score needs to be changed. The display will display a <B for Guest and a B> for Home.

3. Press , then the correct score for that inning, then .

4. Press , then the current inning, then . All unchanged scores will reappear. Total runs will NOT be changed automatically.

5. **Total runs will not change automatically and will need to be adjusted.** Adjust total Runs by pressing  for the appropriate team, the score then .

## 2.4 Line Score Innings

Line scores are automatically tallied by using the **+1** under either Home or Guest Scores. The score will be calculated in the total score and the line score. To edit a previous inning, refer to section 2.3.

To advance to the next inning, press **INNING** followed by the inning number, then **ENTER**.

All Extra Inning runs are combined and displayed under the 10th Inning on the scoreboard.

## 2.5 Hits and Errors

1. Press **HIT +1** or **ERROR +1** under either Home or Guest Scores to increase the amount by 1 number. The Hit or Error indicator will light automatically. Press **HIT** or **ERROR** (right side of console) to clear the indicator(s).

2. To enter or change the total hits or errors, using the keypad under Home or Guest press

**HITS** or **ERRORS**, enter the amount (**2** will change the amount to 2) then press **ENTER**.

To clear hits or errors, under Home or Guest press **HITS** or **ERRORS** then **CLEAR**.

## 2.6 Balls, Strikes and Outs

Change this display by pressing **BALL** or **STRIKE** or **OUT**. Each time a button is pressed the display will increase one; 1 to 2, 2 to 3 and so on.

To Clear the Ball, Strikes and Outs, Toggle through each until display clears.

## 2.7 At Bat

**Team At Bat** (Indicated by the line score)

Press **Inning Bot/Top** to toggle between the team at bat on the console. The display on the line score will reflect which team is at bat.

**Player At Bat** (Indicated by "AT BAT" on left side of scoreboard)

Press **BATTER** followed by the player number, then **ENTER** to display the player at bat.

## 2.8 Hit and Error Indicators

Press **HIT** or **ERROR** (right side of console) to light the appropriate indicator. Press again to clear display.

## 2.9 Undisplayed Information

All information that is written in gray on the console references information that the console can store, but the scoreboard does not display.

Press **STATS** to display the inning, count, outs, team at bat, runs, hits, and errors. Press **CLEAR** to return to the game display.

Press **PITCHER** followed by the player number, then **ENTER**.

### 3.0 Maintenance & Troubleshooting

For cleaning, use a window type product with a soft cotton cloth.



**CAUTION:** Do not use a power washer, solvent product or abrasive materials for cleaning board faces.

#### 3.1 Table I: Quick Reference Problem/Cause



**WARNING!** USE A LOCK OUT/TAG OUT ON CIRCUIT BREAKERS OR “POWER ON/OFF” SWITCHES WHEN PERFORMING INSTALLATION, REPAIRS OR MAINTENANCE.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Scoreboard doesn't light and Console doesn't work	No power to the Scoreboard	Check that the main circuit breaker is on.
		Check to make sure the controller and scoreboard are plugged into an outlet.
Scoreboard Digits don't light (Console Works)	No power out of the controller assembly to the board	Check to make sure the scoreboard is plugged into an outlet.
		Check to make sure a circuit breaker did not get blown.
Digits light, Console works, but, no control of the Scoreboard	No data signal established	Turn off the Scoreboard and the Console and turn the Scoreboard on then the Console. Retry coding Console.
	Low battery (Wireless Consoles)	Be sure the battery is charged (if so equipped), or try the wall transformer to power the Console.
	No RF signal established (Wireless Consoles)	Take Console 10 to 25 feet from the Scoreboard and test again. Check antenna connections and tighten if necessary, both in the Scoreboard and in the Console. CAUTION: the antenna connection at the radio can be easily broken. Push or pull the connector STRAIGHT on or off!
Scoreboard works, but some lights stay on all the time	Short in Digit circuit	Call technical support
The Scoreboard works, but some lights do not come on or blink	Bad Connection	Call technical support
	Bad Driver or Digit Board	Call technical support



**WARNING!** OPERATION OF THE UNIT WITH THE ELECTRICAL EXPOSED IS DANGEROUS. BE SURE ALL TOOLS AND ANY OTHER MATERIALS ARE REMOVED FROM THE UNIT, AND ALL ACCESS COVERS ARE REPLACED AND CLOSED BEFORE POWER IS TURNED ON.

NOTE: For Advanced Trouble Shooting, Service Manuals and Replacement Part Information go to [www.allamericanscoreboards.com](http://www.allamericanscoreboards.com).

#### 4.0 Safety Information

The owner of the All American Scoreboard is responsible for safe operation and repair. He therefore is obliged to familiarize operating personnel with the contents of this manual and make them aware of all possible hazards.

**NOTE:** When using this equipment, always follow the manufacturer's instructions for safe operation. In case of emergency, please telephone Technical Support or a qualified service technician.

Do not operate the sign until it is completely assembled and installed per the instructions supplied by AAS.

AAS recommends that your main power be installed by a licensed electrician in accordance with the local building and electrical codes.

All equipment must be grounded in accordance with the local building and electrical codes. AAS recommends Earth Link Ground.

If any part of the Scoreboard equipment is malfunctioning or has been damaged, cease operation and consult with AAS Technical Support or qualified service technician before further use.

Use only AAS specified or recommended replacements parts.



**WARNING! USE A LOCK OUT/TAG OUT ON CIRCUIT BREAKERS OR "POWER ON/OFF" SWITCHES WHEN PERFORMING INSTALLATION, REPAIRS OR MAINTENANCE.**

When performing repairs be mindful of the weather and work area conditions. Avoid the unit's exposure to the elements, water and debris, or anything that may be dangerous or cause damage to the equipment.



**WARNING! OPERATION OF THE UNIT WITH THE ELECTRICAL CIRCUITRY EXPOSED IS DANGEROUS. BE SURE ALL TOOLS AND ANY OTHER MATERIALS ARE REMOVED FROM THE UNIT, AND ALL ACCESS COVERS ARE REPLACED AND CLOSED BEFORE POWER IS TURNED ON.**



**CAUTION:** Use of solvent cleaners or a power washer on your Scoreboard may cause permanent damage.

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## 5.0 Warranty

### Five Year Limited Warranty

Non-compliance with procedures of Installation, Safety, Operation and/or Maintenance practices defined in this manual may result in a Warranty issue.

This warranty extends to and is enforceable by only the original consumer purchaser and only for the period (during the applicable term) which the product remains in the possession of the original consumer purchaser. "Original consumer purchaser" means the person who first purchased the product covered by this warranty other than for purpose of resale. This warranty does not apply if it is found that at *any time* the equipment has not been used for its intended purpose.

**NOTE:** Please ask your dealer, distributor or sales representative for details.



**CAUTION!** Any unauthorized changes or modifications to this unit without our prior written approval will void the user's warranty and will transfer health and safety obligations to the user



**CAUTION!** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

**NOTE:** This equipment has been tested and found to comply with the limits for a class "A" Digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with Owner's Manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area can cause harmful interference in which case the user will be required to correct the interference at their expense.







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**6.0 Technical Support**

**6.1 Customer Service**

Customer satisfaction is the top priority at AAS. Our skilled, experienced Account Management teams are dedicated to providing highly responsive service through all phases of our client's programs.

These teams are computer-linked to each of our manufacturing facilities to provide "on-line" updates on the status of customer orders. Furthermore, AAS's EDI capabilities allow electronic interchange to efficiently process customer orders.

**6.2 Contact Information**

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