

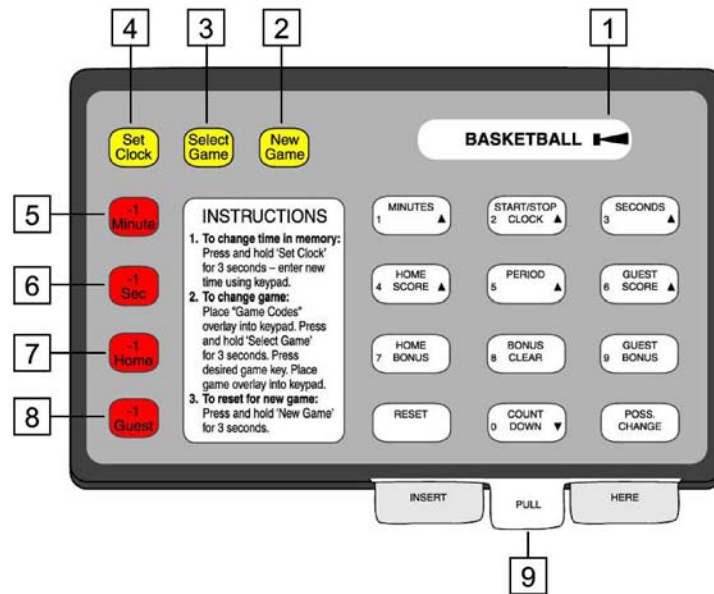
MacGregor

OPERATION INSTRUCTIONS FOR



MODEL MSBULTB LED
www.bsncp.com

CONTROLLER DEFINITIONS



Before continuing, take a few moments and familiarize yourself with the following terms as they apply to the controller. They are referenced in this manual.

- 1. HORN:**
Press this key while in any game mode to manually sound the horn.
- 2. NEW GAME:**
Press and hold this key for three seconds to reset the scoreboard for a new game.
- 3. SELECT GAME:**
Press and hold this key for three seconds until the unit's display clears. Using the GAME CODES insert in the keypad, press the number for the game you wish to score.
- 4. SET CLOCK:**
To set the clock, hold down the set clock key for 3 sec. When the display clears enter the desired period time in a four-digit format using the numbers on the keypad. For example 8 minutes would be entered as 0, 8, 0, 0.
- 5. -1 MINUTE:**
With the game clock stopped, press this key to subtract one minute from the clock.
- 6. -1 SECOND:**
With the game clock stopped, press this key to subtract one second from the clock.
- 7. -1 HOME:**
Press this key to subtract one from the HOME score.
- 8. -1 GUEST:**
Press this key to subtract one from the GUEST score.
- 9. KEYPAD INSERT:**
The keypad insert used for this model is the BASKETBALL insert.

CABLE SYSTEMS

Connect the handheld controller to the scoreboard using the supplied 10 ft. control cable. Plug the appropriate end of the control cable into the jack on the top of the controller and connect the other end of the control cable to the 9-pin connector on the left side of the scoreboard. If extra length is needed, use the supplied 100 ft. extension cable between the controller and the 10 ft. control cable.



WIRELESS SYSTEMS

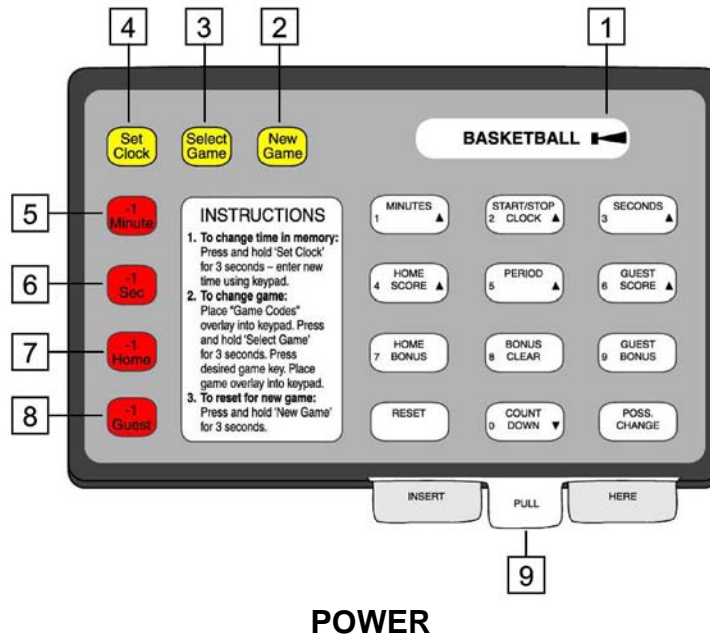
Because the scoreboard utilizes wireless remote control, no cable connections between the handheld controller and the scoreboard are necessary. Before the scoreboard will operate the wireless receiver must be installed. To install the wireless receiver, use the following steps:

1. Insert the supplied wireless receiver into this opening making sure that the label of the receiver is facing the front of the scoreboard.
2. Attach the supplied antenna to the top of the receiver making sure it is in the vertical position.



GETTING STARTED

Begin by making sure the Game Inserts that came with your scoreboard are in the proper location on the controller, as in the image below.



For convenience and ease of operation, the scoreboard does not have an *ON/OFF* switch. To turn to scoreboard ON, supply power to the scoreboard using the included 10-volt AC wall transformer. To turn the scoreboard OFF, simply unplug the scoreboard's wall transformer.

For wireless systems, the handheld controller operates on 4 AA batteries. To turn the wireless controller on, flip the *POWER* switch to the ON position.

CHANGING GAME MODES

Since the keyboard is designed to score several different sports that display various information and require different keypad entries, the keyboard has several different modes, one for each sport it is capable of scoring. Each game mode also has a corresponding keypad insert that helps the operator identify which keys to press for which function. When the scoreboard is first turned ON, a number appears briefly in the **HOME** score display. This number tells the operator what game mode the scoreboard is in. The number that appears corresponds directly to the sport's number as appears on the **GAME CODES** keypad insert.

To change game modes:

1. Insert the **GAME CODES** insert into the keypad.
2. Press and hold the **SELECT GAME** key for three seconds.
3. When the unit's display clears, press the key for the sport you wish to score. The corresponding number for the sport you selected will appear briefly in the scoreboard's **HOME** score display. When the **HOME** score display returns to "0" the unit is ready to score the selected sport.

BASIC KEYPAD FUNCTIONS

Setting the clock:

1. Press and hold the **SET CLOCK** key for three seconds.
2. After the clock's display clears, use the number keys to enter the desired period time in a four digit format. For example: to enter a period time of 8:00 press **0, 8, 0, 0**. To enter a period time of 12:00 press **1, 2, 0, 0**.

NOTE: This time will remain in memory until it is changed using the same procedure.

Operating the Clock

- To start the clock, press the **START/STOP CLOCK** key.
- To stop the clock, press the **START/STOP CLOCK** key.

NOTE: When the clock expires, the horn will automatically sound and the clock will reset to the user-preset time.

Sounding the Horn

- The horn will automatically sound whenever the clock expires.
- To sound the horn manually at any time, press the **HORN** key (located at the top of the keypad).

Resetting the scoreboard for a new game

- To reset the scoreboard for a new game, press and hold the **NEW GAME** key for three seconds.

BASKETBALL

- Put the scoreboard in **BASKETBALL** mode.
- Make sure the **BASKETBALL** keypad insert is in the controller.
- To add one to the *HOME* score, press the **HOME SCORE** key once.
- To subtract one from the *HOME* score, press the **-1 HOME** key.
- To add one to the *GUEST* score, press the **GUEST SCORE** key once.
- To subtract one from the *GUEST* score, press the **-1 GUEST** key.
- The *PERIOD* will automatically increase when the clock expires at the end of each period. To manually increase the *PERIOD* at any time, press the **PERIOD** key. To decrease the *PERIOD* at any time, press the **COUNT DOWN** key quickly followed by the **PERIOD** key.

- To display the *HOME* bonus, press the **HOME BONUS** key.
- To display the *GUEST* bonus, press the **GUEST BONUS** key.
- To clear both the *HOME* and **GUEST** bonus, press the **BONUS CLEAR** key.
- To change the *POSSESSION*, press the **JUMP POSS. CHANGE** key once.
- To add minutes to the clock, stop the clock by pressing the **START/STOP CLOCK** key then press the **+1 MINUTE** key once for each minute you wish to add to the clock.
- To subtract minutes from the clock, stop the clock by pressing the **START/STOP CLOCK** key then press the **-1 MIN** key once for each minute you wish to subtract from the clock.
- To add seconds to the clock, stop the clock by pressing the **START/STOP CLOCK** key then press the **SECONDS** key once for each second you wish to add to the clock.
- To subtract seconds from the clock, stop the clock by pressing the **START/STOP CLOCK** key then press the **-1 SEC** key once for each second you wish to subtract from the clock.
- To increase **PLAYER FOULS**, press the **PLAYER FOULS** key.

STORAGE

Unplug the power cord from the scoreboard to turn the scoreboard off. Disconnect cable controllers from the scoreboard or turn the wireless controller off. Failure to do so may result in discharged batteries in the controller.

If the batteries in the wireless controller become too weak to operate the scoreboard, they should be replaced with 4 new AA batteries.