

# EVERSAN

[www.eversan.com](http://www.eversan.com)

## MODEL 9650



## MULTI-FUNCTION SCOREBOARD

# Instruction Manual

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SCOREBOARDS • TIMERS • MESSAGE SIGNS • VIDEO DISPLAYS • WIRELESS

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## Model 9650 Multi-Function Scoreboard

These instructions must be followed to ensure correct operation. The warranty will be considered null and void if inspection and operating procedures are disregarded.

Should you require assistance or have any questions, please call (800)-383-6060

### **CHECK LIST**

- One (1) scoreboard with mounting brackets.
- One (1) power supply with 110VAC plug and 2FT. data cable.
- One (1) control console.
- One (1) junction box (optional) cabled systems only.
- Two (2) control cables (customer specified length) with connectors (cabled systems only).
- Two (2) antenna (wireless option only).
- One (1) 9VDC adapter (wireless option only).

**NOTE:** Please check that these items are available prior to initial test of the scoreboard. If you are missing any items, please **call (800) 383-6060 for assistance.**

### **Before You Begin:**

ALWAYS connect/disconnect cables before power is turned on.

NEVER service without contacting an Eversan, Inc. Technician.

NEVER service with the power on.

### **Out of Box Setup and Test**

The Eversan, Inc. 9650 series scoreboard system comes complete and ready to operate.

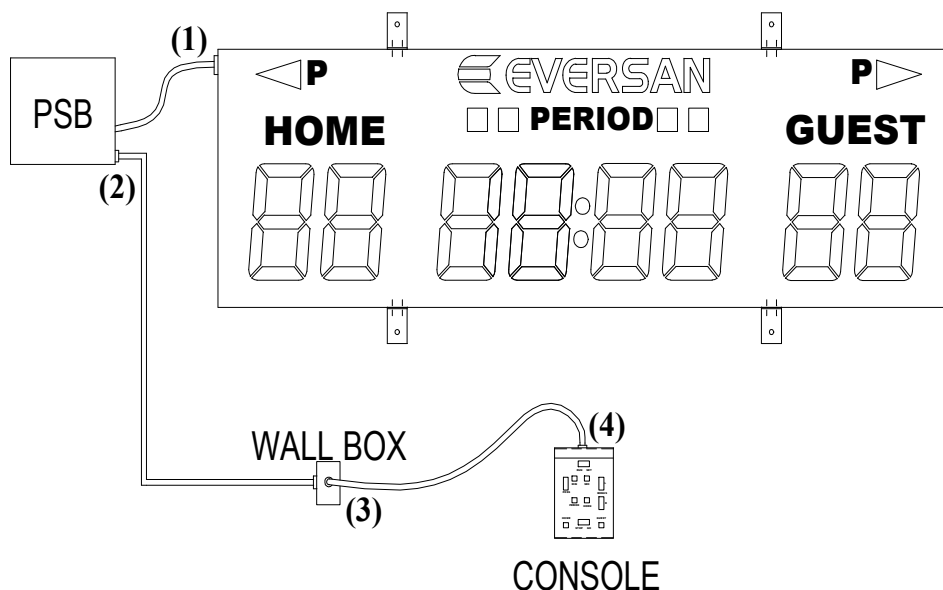
**NOTE:** Follow these instructions in order to assure correct operation and installation. Warranties will be void if the procedures below are disregarded. **Failure to test scoreboard prior to hanging will void all warranties.**

#### **Parts supplied with 9650 scoring system:**

- a. Scoreboard (Mounting Brackets are installed in reverse on scoreboard)
- b. Power supply (PS)
- c. Control Console
- d. Control console cable B (cabled system only)
- e. Control cable A w/ J-Box (Optional cabled system only)
- f. Two (2) Antenna (wireless option only)
- g. 9VDC wall adapter (wireless option only)

**NOTE: Save boxes.**

## DIAGRAM A



### Pre- Installation Instruction Cabled Systems

- 1. Initial Check Out:** Arrange scoreboard on floor and follow diagram A, plug together as follows:
  - a. Scoreboard to PS (1)
  - b. J-box cable to (2)
  - c. Console cable to J-box (3)
  - d. Console cable to console (4)
2. Check all connections and plug power box into a grounded 110VAC outlet or optional 220volt. (DO NOT USE ANY ADAPTORS)
3. The scoreboard will go through diagnostics flashing 8's and going blank in each digit position. The scoreboard will then display zero for Home and Guest scores and Time. You should test all functions using the console controls (see operating instructions on page 5).

### Pre- Installation Instruction Wireless System

- 1. Initial Check Out** Arrange the score board on the floor and connect together as follows: Scoreboard to PS (1); Control Console to 9VDC Adapter. Be sure to place the antenna on the control console and power supply.
2. Plug power supply into 120VAC outlet. The scoreboard will show dashes through the center of each digit. Turn the control console on using the rocker switch located on the upper left side of the console.
3. The scoreboard will now got through a sequence of eights showing in each number.

4. Go to the wireless operating instructions.

**NOTE:** Should there be a malfunction or shipping damage, Please contact Eversan, Inc. immediately at: **(800) 383-6060 for assistance.**

## Installation Instructions

**NOTE:** Eversan, Inc.'s 9650 Scoreboard requires 110VAC at 1 amp. There is **No** Power Switch on the control console for scoreboard power. Power to the scoreboard must be controlled via a wall switch (key switch) or the circuit breaker. The scoreboard must be powered down when not in use.

**Installation:** (see installation diagram)

1. Remove the brackets from the scoreboard and reinstall them right side up.
2. Determine the mounting location for the scoreboard and power supply (see diagram).
3. Mark and drill the holes for the brackets on the wall, side to side distance is 37 ½ IN., up and down distance is 25 3/8 IN. Mount scoreboard using (4) 3/8IN bolts.
4. Mount power supply securely on wall at a location near the left side of the scoreboard display panel with (4) appropriate 3/16IN bolts.
5. Plug in the 8-pin connector #1 (see diagram) from the power supply to the scoreboard.
6. Plug in the 12-pin connector #2 (see diagram) of control cable to power supply. Run the control cable to the console location. Plug in connector #3 into the console.
7. Mount the J-box at a suitable height.
8. The scoreboard is now ready to be tested. See Operating Instructions.

## Operating Instructions Cabled System

### **Power Up Sequence:**

1. Plug in all connectors per diagram A (page 3).
2. Plug the scoreboard into a grounded 110VAC outlet. (220volt optional)
3. Turn the scoreboard on- scoreboard will now perform a diagnostic procedure by displaying an eight in each position. Then zeros will appear in the Home and Guest score and Time positions.
4. At this time, you may set any function by:
  - a. Place STOP/GO switch to STOP position.
  - b. Press the GUEST, HOME, PERIOD, MINUTE or SECOND to increment. Hold down button to decrement.
  - c. To start clock:   1. STOP/GO, in GO position
  - d. To stop clock:   1. STOP/GO, in STOP position.
  - e. When the clock is running, only the GUEST, HOME and POSSESSION INDICATORS can be incremented. (PERIOD and TIME can only be changed in STOP mode.)
  - f. UP/DOWN function, to count up:
    1. STOP/GO, in STOP position
    2. Depress HORN and simultaneously press PERIOD.

(Repeat for opposite count direction)

## Operating Instructions Wireless System

The following steps must be used to ensure proper communication from the 9650 wireless control console and each scoreboard you want to control.

1. Turn on each 9650 Scoreboard that you want to control. The scoreboard(s) should display a dash (-) in each numeric display.
2. Connect the antenna and 9VDC adapter provided to the 9750/55 wireless control console. (see diagram for proper placement)
3. Turn on the control console. Once communication has been established the scoreboards will go through an initial checkout.
4. To use another scoreboard with a different control console repeat steps 1 through 3.

**There are two modes available for setting the scoreboard:**

### **STOP MODE:**

**The scoreboard goes immediately into this mode when it is first powered up. In this mode, you can perform all functions. ONLY in this mode can TIME and PERIODS be set. From Go mode push green button on keypad.**

**GO MODE: From Stop mode push the green button on the keypad.**

This is the mode used during game time. You may increment the **HOME** or **GUEST** score by one or correct the score by holding the button down. You may set **BONUS** and **POSSESSION** indicators. You can control the optional **SHOT TIMER** function. The **CLOCK** can count down (or up) in this mode and can be stopped and started.

### **TO SET THE TIME:**

To set the **TIME** for game play, press **STOP**, then press the **TIME** button and enter five (5) digits (minutes: seconds. tenths of seconds) on the keypad, i.e. 02:00.0 will be two minutes. If an error has been made, press the **TIME** button and repeat the above procedure.

### **TO SET THE SCORE:**

In the GO mode, the score is incremented by one when the corresponding **HOME** or **GUEST** button is pressed. Also, the score will decrement when the **HOME** or **GUEST** button is held down.

**NOTE:** The home and guest score is displayed on the control console's LCD.

Alternately, any score may be put on the board by pressing either the **HOME** or **GUEST** button and entering the desired three digit score on the keypad, i.e. 26 would be entered as 026.

## TO SET THE PERIODS:

You must be in the **STOP** mode to set the period. Press the **PERIOD** button on the keypad to light a period. Each time the button is pressed and additional period lights up indicating a period is activated.

**NOTE:** The control console's LCD display will show each period change and then display the score.

## SETTING POSSESSION:

To change **POSSESSION** indicator, press the **POSSESSION** button.

**NOTE:** The LCD display on the console will display "POSSESSION = HOME" or "POSSESSION = GUEST" and change back to display the score.

## SETTING BONUS:

To set and unset the BONUS, press the **L/BONUS** to turn the Home Bonus on/off and press **R/BONUS** to turn the guest Bonus on/off.

**NOTE:** The LCD display on the console will display the changes you make, i.e. LCD display will read "HOME BONUS ON" and then return to the score.

## RUNNING THE TIME:

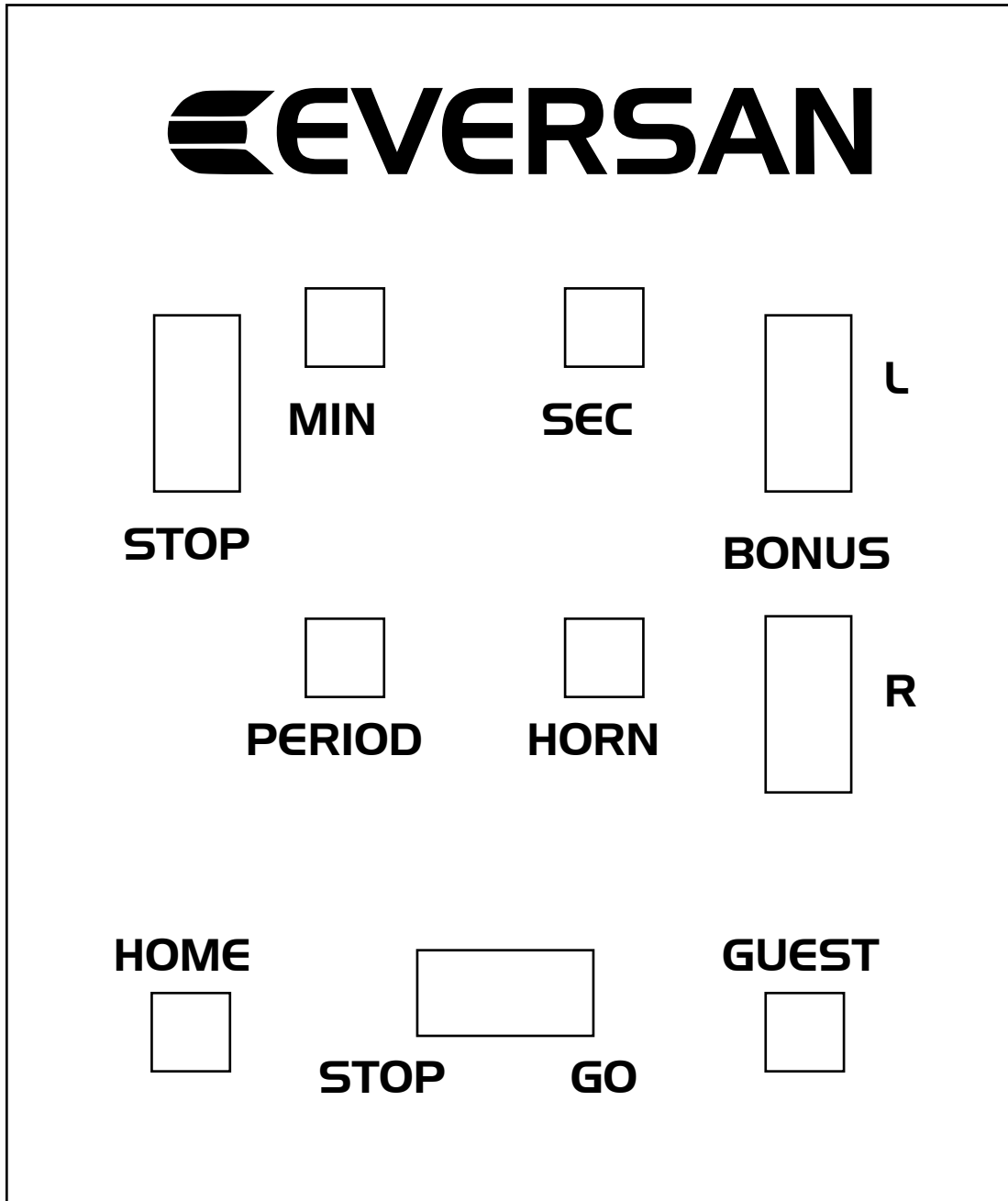
Press **STOP/GO** button once to start or stop.

## UP/DOWN COUNT:

In the **STOP** mode, press the **TIME** button and enter all zeros for time. The time is automatically in up count when the **GO** button is pressed.

**NOTE:** The LCD Display on the control console will display the time.

## 9650 CONTROL CONSOLE



## Maintenance and Repair Instructions

**CAUTION:** Before attempting any repairs, please call and speak with an Eversan, Inc. Technician at (800) 383-6060. **Under no circumstances will EVERSAN, INC. pay for service performed on any of our products without expressed written notice from EVERSAN, INC. to the Service Company.**

1. The Eversan, Inc. 9650 LED Scoreboard System has been designed for complete self-service by the customer and requires no maintenance.
2. The system can be repaired/replaced in modules. The scoreboard, power supply, cables and console are the four modules that make up this system.
3. If at any time the system stops working, one or all of the units can be sent in for factory repair or replacement. A service charge based on necessary repairs will be charged unless warranty applies.

**Model 9650 Connector Wiring****12-PIN CONTROL CONSOLE CONNECTOR**

<b>PIN#</b>	<b>COLORS</b>	<b>FUNCTION</b>
1	BLACK	GROUND
2	RED	GUEST
3	ORANGE / BLACK	STOP / GO
4	ORANGE	HOME
5	WHITE / BLACK	MINUTES
6	BLUE / WHITE	PERIOD
7	SHIELD	CHASIS GROUND
8	BLUE / BLACK	POSSESSION
9	RED / WHITE	BONUS RIGHT
10	WHITE	SECONDS
11	BLUE	HORN
12	GREEN	BONUS LEFT

**8-PIN POWER SUPPLY CONNECTOR**

<b>PIN #</b>	<b>COLOR</b>	<b>FUNCTION</b>
1	RED	+5VDC
2	YELLOW	+12VDC
3	BLUE	DATA
4	ORANGE	CLOCK
5	BLACK	GROUND
6	WHITE	GROUND
7	NO CONNECTION	NO CONNECTION
8	GREEN	STROBE



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