



**MAIN DISPLAY**  
*COMPLETE*  
**USER'S GUIDE**

Congratulations on your purchase of the Tronix Electronic Basketball Scoreboard!

The Tronix Electronic Basketball Scoreboard is suitable for majority of sporting events in the country such as Basketball, volleyball and others, with distinct features such as:

- ✓ Easy to install and maintain
- ✓ Low cost and highly reliable
- ✓ User-Friendly Interface and Program
- ✓ Ultra bright seven segment LED
- ✓ 4 hours Back-up Battery for the Main Controller
- ✓ With Provisions for add on Tronix products: Shot Clock set, Team fouls, and Period display.

*Your champion scoreboard for the team, and for the dream. **GAME ON!***

## **Warranty Statement** ▶▶▶▶



The Tronix Electronic Basketball Scoreboard is covered by a one-year warranty starting from the date of purchase. From that date, the product should be free of any defect in material and workmanship and it will function in accordance to its stated performance.

Within this period, Innovatronix Inc. will repair or replace defective parts. This warranty only covers failures due to manufacturing defects and workmanship. Hence, breakdown of Tronix Electronic Basketball Scoreboard due to gross abuse and normal wear and tear is not covered in this warranty.

There are no warranties by use except as stated therein. For unsafe and/or faulty repairs, Innovatronix Inc. and/or sellers shall not be liable by such cases. Any alternation made to this product by unauthorized service technicians are the sole responsibility of the owner. Maximum liability for any breach of this agreement or other claim to the use of this product shall not exceed the purchase price of the product by the customer.

Warranty registration is not required. Warranty is applicable if and only if the product is used under normal conditions and for its intended purpose. Parts and models are subject to change without prior notice.

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## Important Safety Instructions ▶▶▶▶



- **Caution:** Do not operate with wet hands.
- **Caution:** Immediately replace stripped-off AC Cord.
- **Caution:** Handle the equipment with care when transferring the unit from one location to another.
- **Caution:** Ready all necessary equipment before operation.
- **Caution:** Route all Tronix Scoreboard Data (TSD) cables safely where they will not be stepped on or accidentally pulled out.
- **Caution:** Route all TSD cables separately from the powerline.
- **Caution:** Do not loop the TSD cables tightly as wires has a tendency to cramp and pinch.
- **Caution:** Do not place heavy objects over the cables.
- **Caution:** Use dry cloth and wax to clean the exterior of the unit. Do not clean the interior of the Electronic Basketball Scoreboard. Notify a qualified technician for repairs.

### **WARNING!**

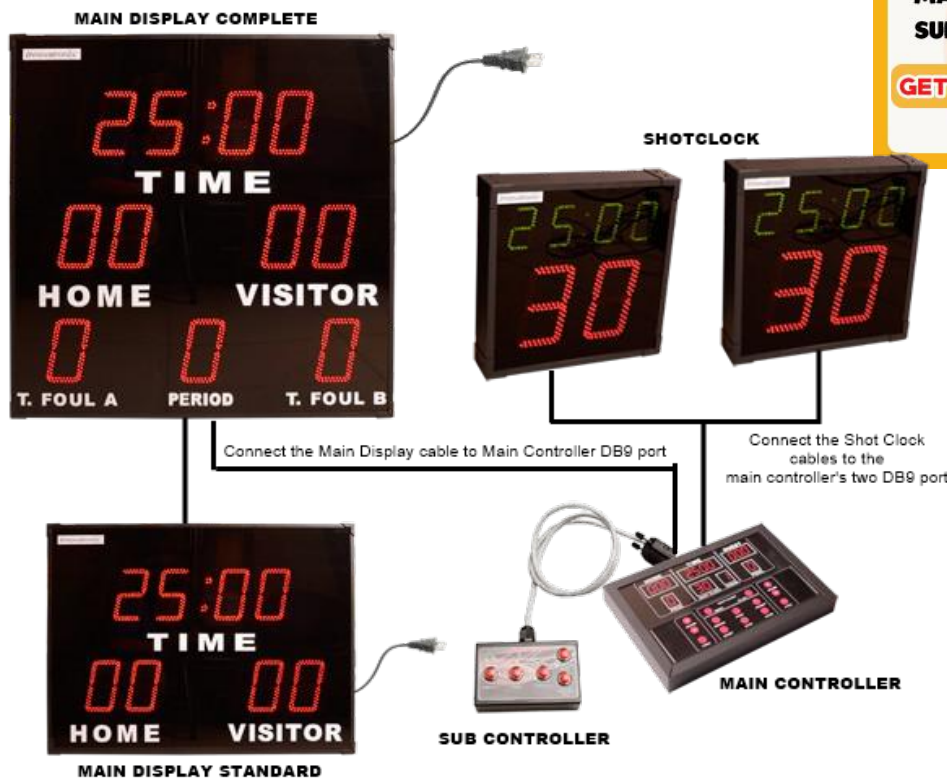
**Do not use AC adapter. Plug only in an AC outlet with proper grounding.  
Any alteration or modification done to the product and to its accessories will void the warranty.**

## Getting Started ▶▶▶▶



- The Main Display Board has the basic information for the basketball game: Team Scores, Team Fouls, Period and Time. The scoreboard is furnished complete with a built-in buzzer.

### SCOREBOARD DISPLAY DIAGRAM



The Electronic Basketball System includes:

#### MAIN DISPLAY COMPLETE

- AIRHORN
- MAIN DISPLAY
- TEAM FOULS & PERIOD
- TEAM SCORE

#### SHOTCLOCK

- MAIN CONTROLLER
- SUB CONTROLLER

**GET YOUR WHOLE SET NOW!**

Contact our Marketing Sales Officer for inquiries.  
See brochure for details.  
Visit us at [www.innovatronix.com](http://www.innovatronix.com)

### What's in the box?\*

- 1 x Main Display (Airhorn, Team Foul & Period)
- 1 x 75 m Tronix Scoreboard Data (SD) cable for Main Display
- 1x Tronix Portable Electronic Basketball Scoreboard User's Guide & Warranty Card

\*Contact Tronix customer care service (or seller) if package is deemed incomplete.

**Note:** Specifications may vary according to customer's request.

# Installation ▶▶▶▶



Figure 1.0 MAIN DISPLAY AND SIDE PANEL

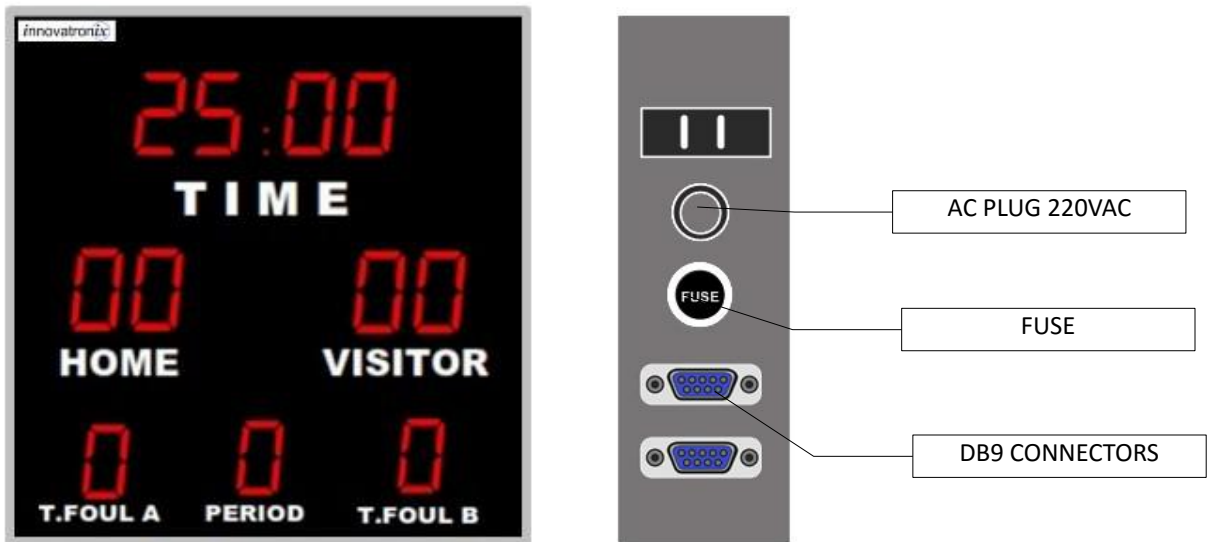
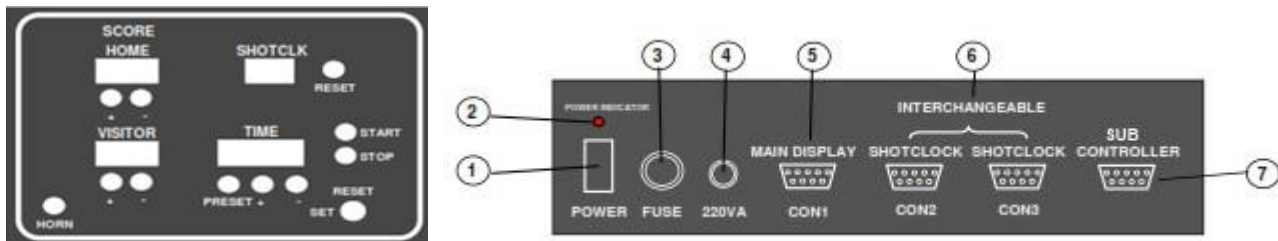


Figure 2.0 MAIN CONTROLLER BACK PANEL



## CONNECTIONS:

1. POWER – On/Off switch
2. RED LED – Power Indicator
3. FUSE – 5TT250mA/250v (slow blow)
4. 220VAC – Input Supply
5. MAIN DISPLAY CON 1 – 75m Tronix SD cable connected to EBS main display only.
6. SHOTCLOCK CON 2 & 3 – 35m Tronix SD cable connected to BES shot clock display (interchangeable).
7. SUB CONTROLLER – 1m cable connected to EBS sub (plastic) controller

**Follow the procedures carefully to set-up the Digital Basketball Score Board MAIN DISPLAY.**

- 1. Ensure that the main switch is turned off before plugging in the system. Both the Main Display Board and the Main Controller need 220VAC to start-up. Make sure that the power cord is plugged into a 220VAC outlet before power on.
  
- 2. Connect all Tronix Scoreboard Data (TSD) cables from controller to display.
  
- 3. Insert the Main Controller and Main Display AC cord to a 220VAC outlet.
  
- 4. Turn the Main Controller ON.
  
- 5. The following should be the initial values of the scoreboard:

	<b>Display Board</b>
Home Score	00
Visitor Score	00
Time	25:00
Shotclock	30
Game Time	25

***Note: You can start operating the scoreboard after generating the proper displays. The values displayed at the Main Controller will be reflected to the Main Display. Test the unit before installation to assure that the system is working properly. Refer to a qualified technician for proper installation.***



*Note: Before operating the scoreboard, assure that all equipments are carefully set up and all connectors are properly attached.*

1. Turn the Main Controller ON. Insert the timer key in the SET/RESET SWITCH and turn to Reset position. The SET/RESET SWITCH is the program lock of the system which can be used by the game officials to alter or control the time or set the time for a different type of game.
2. Press the PRESET BUTTON to select the desired playing minutes: 25, 20, 15, 12, 10, 5, 2 or 0 minutes.
3. The + or - BUTTON will increment or decrement the time by a second.
4. The RESET toggles the shot clock time to 30, 25, 24, 14 seconds.
5. Switch the SET/RESET SWITCH to Set position to lock out any unwanted manipulation of time during the play. Remove the timer key.
6. Simply press the START BUTTON to start the time countdown.
7. Pressing RESET between playing periods will reset the shot clock time and start it when the game time starts to count down or is already counting down. When the shot clock timer reaches zero, the game time and shot clock time will stop and the buzzer will sound. Pressing START when the shot clock is at zero will only start the time.
8. Pressing the 14 SECONDS RESET BUTTON will reset the shot clock to 14 seconds with manual operation, in accordance to the new FIBA rule. (Effective as of October 2014)
9. Press the STOP BUTTON to stop both shot clock and game time count. Press the START again to continue the last count made.
10. Increment and Decrement for Home and Visitor Scores allows manipulation of scores only when the SET/RESET SWITCH is at Set position.
11. Presetting during game will stop the counting and allow editing of time.
12. The plastic control box allows control to the Shot clock, Team Foul and Period. HORN will sound the alarm when time is stopped.

**Note:**

*When game time is less than a minute, time display switches to seconds (i.e. 59.00 for 59 seconds).*

*At the end of a game or period, turn the SET/RESET KEY SWITCH to Reset, and then press the PRESET BUTTON to reset the time.*

## Technical Specifications ▶▶▶▶



<b>Dimensions</b>	Main Display (36" x 4" x 36")
<b>Digit Height:</b>	Time of the game – 6" / Red Scores – 6" / Red Period and Team Fouls – 6" / Red
<b>Weight:</b>	Main Display (52.8 lbs / 24 kgs)
<b>Input Voltage:</b>	220 VAC for Main Display Board

## Troubleshooting ▶▶▶▶



Problem	Cause	Solution
No display and no power light both at controller and display board after switching ON.	Power cord is not properly plugged to power source	Properly plug in the power cord to an appropriate power source
	Power supply does not work	Replace power supply
	Fuse is blown	Replace fuse
No power only at the main display board or shot clock.	Interface cord is not connected	Check interface cord if properly
No power at controller and garbled display at power failure.	Back – up battery at controller is discharged.	Plug-in controller to charge the battery when power resumes

Table 1.0 Troubleshooting

**Note:** Turn off the unit and notify a qualified technician or contact our customer service hotline when any of the the following occurs:

- Liquid gets through the internal parts of the unit.
- The system has been dropped and some parts appear to be damaged (power cord, push buttons, power switch etc).
- Electrical fuse 'blow' repeatedly.
- Some of the LEDs fail to light up.
- Buzzer fails to sound.
- The Scoreboard is not functioning properly according to its normal operations.



**INNOVATRONIX INC.**

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## WARRANTY CARD

(Customer's Copy)



This is to acknowledge **WARRANTY** for **TRONIX ELECTRONIC BASKETBALL SCOREBOARD (Main Display with Team Foul)** and its **ACCESSORIES** for a period of **ONE (1) YEAR** from the date of purchase. However, this warranty does not apply in case of defects resulting from negligence, abuse, tampering, unlicensed product use, or unauthorized repair affecting the performance of the unit and all of its accessories.

Consult our marketing sales officer for full warranty information and conditions.

\_\_\_\_\_  
Authorized Dealer

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date of Purchase

\_\_\_\_\_  
Serial Number

### IMPORTANT REMINDER

**NO WARRANTY CLAIMS WILL BE ACCEPTED IF ANY OF THE THREE IS LACKING**

1. Defective item
2. Warranty card properly filled out by dealer
3. Original Proof of Purchase
4. All parts and peripherals as purchased.



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