

## INSTALLATION

1. It is recommended that a professional sign company be hired to install the scoreboard (see drawings). Eversan recommends a minimum depth of 8 FT. and 2 ½ FT. footer diameter. **Soil conditions and local codes should be used to determine footer depth and diameter in your area. All specifications given are to be used as a guide only.**
2. Calculate the wind load by standard formula for height and dimension of sign. Dimension of the sign is 8 FT. High x 18FT. Wide, add height and/or width of any sponsor panels. Approximate weight is 600lbs. **NOTE:** Check local codes for your area.
3. Prepare and sink I-beams, minimum I-Beam recommendation W 8 x 24 conforming to ASTM A36, align with plumb line and careful measurements. Beams should be 14' apart on center.
4. Determine height of lowest point for scoreboard, minimum recommendation 8FT. Mark and align on all mounting beams parallel to visual ground sighting. Bolt or weld two Z-brackets, one on each beam, at this level.
5. Assemble the scoreboard by placing the two halves on sawhorses so that you can reach both the front and back of the scoreboard. Remove Home innings number 1, 3, 5, 7, and 9 and align the halves to install 10ea. 5/16" x 1" bolts, washers, lock washers, and 5ea. 5" x 2.5" plates to connect the two halves. Bolt the 4ea. Angled brackets to the back of the scoreboard with 5/16" x 1" bolts, washers, and lock washers. If there are Ad panels the angle brackets should also be bolted to the Ad panel and the Ad panel should be bolted to the scoreboard.
6. Remove the both access covers from the front of the scoreboard and pass the two 9-pin connectors, 2-black wires with terminal rings, and the yellow wire with a terminal ring from the bottom section into the top section. Place the 9-pin connector marked HE 1 on Printed circuit board #2 at the properly marked location. Repeat this process for the connector marked SLAVE 1. The two black wires are ground. Place these wires on the 8-pin terminal strip on PCB 2 marked GND. The yellow wire is +28VDC and should be connected to the 8-pin terminal strip on PCB 2 marked +28VDC. 120VAC power can be temporarily connected on the back of the scoreboard for testing (see the 9370 Internal Wire Locations and PCB Connection dwg's).
7. The scoreboard can now be tested prior to installing it on the beams. Failure to test the scoreboard prior to hanging will result in voiding all warranties. Any problems found during testing should be reported to Eversan, Inc. at (800) 383-6060 for immediate remedial action. When calling to report a problem have a detailed description of exactly what is happening. If possible have the scoreboard in visual sight and the control console in your possession.
8. With proper rigging lift the scoreboard and set it to the Z-brackets. Temporarily secure the scoreboard to the beams until the top Z-brackets can be installed.  
(see the installation diagrams)

## **INSTRUCTIONS FOR WIRING POWER**

1. Determine 120VAC entrance and run conduit to pre-installed electric box on back of scoreboard (see diagram).
2. The scoreboard draws under 12 amp but requires its own circuit breaker. Eversan, Inc. recommends using a 20-amp, GFCI breaker.

### **CAUTION: Cabled System Only**

The data cable is a pre-wired, 2 conductor shielded, 22GA stranded cable. Any cable splicing should be color-coded or failure of the computer power supply will result. Continuity of the shield is essential in reducing possible damage due to lightening.

### **Electrical Specifications:**

Electric outlets for scoreboards are always on a “clean” unused, switched breaker box. Pay close attention to the power source and connections. It is recommended that a key-switch or switched breaker box be used to turn off the system at the end of use each day. **The scoreboard should always be powered down when not in use.**

### **Power up Sequence:**

#### **120VAC Operation (Cabled System)**

1. Plug the control console into the scoreboard using the cable provided. Any of the 2-pin connectors on the control console can be used. The connector for the scoreboard is located on the back (see diagram).
2. Power up the scoreboard using 120VAC, connection on back of scoreboard (see diagram).
3. The scoreboard will now go through diagnostics. Each digit will show an 8 and then go blank. The HOME and GUEST RUNS, HITS, and ERRORS will show zero.
4. Turn the control console on using the rocker switch located on the upper left side. The control console will display “EVERSAN SCORING SYSTEMS” for approx. 5 seconds. The console display will then read “ AT BAT=00” on the top line and “ BALL=0 STRK=0 OUT=0 on the bottom line. You are now ready to use the operating instructions to test all the functions.

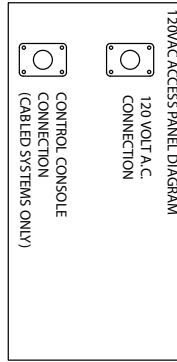
### **Control Console Battery Operation 12 VDC (Optional):**

1. Attach the battery connector to the 4 pin connector on the back of the control console (see diagram).
2. Connect the cigarette lighter plug into the Eversan battery pack or car cigarette lighter. Continue, starting with step 3 above.

## TYPICAL 9370 INSTALLATION

(THESE ARE GENERAL RECOMMENDATIONS. CHECK SOIL CONDITIONS AND LOCAL CODES FOR COMPLIANCE)

DETAIL A



SCOREBOARD DIMENSIONS: 18" x 8" X 6"  
 APPROX. WEIGHT: 600 LBS  
 MAKE ADJUSTMENTS FOR ADDITIONAL AD PANELS OR MESSAGE SIGNS.  
 THIS INSTALLATION SHOWN WITH OPTIONAL SPONSOR PANEL

