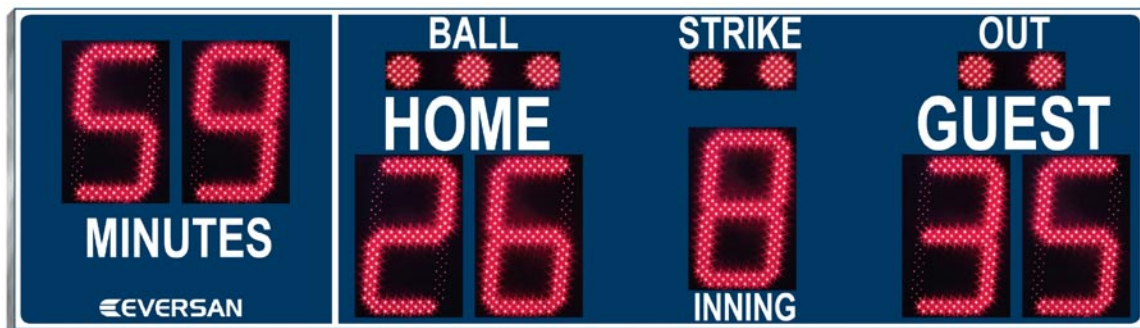




www.eversan.com

MODEL 9270



BASEBALL/SOFTBALL SCOREBOARD

Instruction Manual

Address: 34 Main Street, Whitesboro, NY 13492

Phone: 315-736-3967 • Toll Free: 800-383-6060 • Fax: 315-736-4058

SCOREBOARDS • TIMERS • MESSAGE SIGNS • VIDEO DISPLAYS • WIRELESS

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MODEL 9270 ALL PURPOSE SCOREBOARD

Caution: These instructions must be followed to ensure correct operation installation. The warranty will be violated and considered null if installation procedures are disregarded.

Should you require assistance or have any questions, please call **1-800-383-6060**.

The Eversan, Inc. scoreboard is a microprocessor controlled device requiring very low voltage, under 3 amps at 12V DC (Battery Operation) or standard 110V.

Check List:

- Model 9175 Scoreboard
- Control Console with LCD readout
- Two Conductor Control Cable (Cabled Systems Only)
- (4) Mounting Brackets
- (2) Antenna (Wireless Systems Only)

SCOREBOARD INITIAL CHECKOUT

- A. Unpack scoreboard (save boxes).
- B. Unpack cable and control console (save boxes).
 1. Plug horn connector into 2-pin connector to the right of the power supply cover.
 2. Plug the console cable and console into the console connector on back (see diagram).
- C. Testing - Remove (4) four screws holding the access panel on the 120VAC box. There is a standard 120-volt plug for testing. After testing cut connector provided. Match colors on power cable provided to three wires on 120V box. This board requires 120VAC at approximately 6 AMP. (see diagram)

**SHOULD THERE BE A MALFUNCTION OR SHIPPING DAMAGE,
NOTIFY THE SHIPPER AND EVERSAN IMMEDIATELY.**

INSTALLATION INSTRUCTIONS

NOTE: It is recommended that a professional sign company be hired to install the scoreboard (see drawings).

Eversan recommends a minimum depth of 4 ft. and 5ft. footing diameter

1. Calculate the wind loading by standard formula for height and dimension of sign. Check local codes for your area.
2. Prepare and sink I-beams, align with plumb line and careful measurements. Determine height of lowest point for scoreboard. Mark and align on all mounting beams parallel to visual ground sighting. Drill or weld to mount lower Z bracket provided.
3. Bolt the bottom of the add-on panel to the top of the score board using the 5/16-inch bolts supplied by Eversan Inc.
4. Lift the assembly into the lower bracket and temporarily secure the unit with a clamp.
5. Secure scoreboard with top Z bracket, affixing the bracket in the same manner as described for the lower ones. Board is now ready to wire.

Instructions for Wiring

1. Determine 120VAC entrance and run conduit to pre-installed electric box on back of scoreboard. See diagram.
2. The scoreboard draws under 6 amp but requires its own circuit breaker. Eversan, Inc. recommends using a 10 amp, GFCI breaker.

CAUTION: Cabled Version Only

The data cable is a pre-wired, 1 pair twisted shielded. 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, turning off the Control Console does not power down the scoreboard. **The scoreboard should always be powered down when not in use.**

Power up Sequence

120VAC Operation

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. (Cabled System only)(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. Each set of indicators will then set and reset to blank. The units' digit of home and guest and the innings digit will then set to zero. The remaining digits and indicators will be blanked.
4. Turn the control console on using the rocker switch located on the upper left side. The control console will display "EVERSAN INC., DISPLAY SYSTEMS" for approx. 5 seconds. The display will then show, "B=0 S=0 O=0 H/E=0 HOME=0 I=0 GUEST=0". You are now ready to use the operating instructions to test all the functions.

Note: If the control console will not power up or shows "BATTERY LOW" replace the battery with a 9V alkaline battery or use the 9 volt adapter provided.

Battery Operation 12 VDC:

1. Plug the console connector to the 2 – pin connector on the scoreboard.
2. Attach Eversan's special battery connector to the 4 pin connector on the back of the scoreboard.
3. Connect the cigarette lighter plug into the Eversan battery pack or car cigarette lighter.

OPERATING INSTRUCTIONS

To Set Time: Push TIME button and then use the keypad to enter desired time.
EX: 8 Minutes will be entered as 0-8.

To Set Quarter/Inning : Press QTR/INNING and desired number on the keypad.

To Set Home Score: Press HOME and desired number on the keypad.

To Set Guest Score: Press GUEST and desired number on the keypad.

Time and Quarter can only be changed in stop mode

To Start Clock: Press STOP/GO (green) button on keypad.

To Stop Clock: Press STOP/GO (green) button on keypad.

To Set Ball, Strike or Out: Press corresponding button once to increment by one.

To Set Error: press the ERROR button.

To Set Hit: Press the HIT button.

To Clear the Balls and Strikes: press the BS-CLEAR button.

To Clear the Hit/Error indicator: Press the H/E CLEAR button on the keypad.

To Clear the Home and Guest score: press the corresponding button and enter 00.

Note: The display will go blank when it is in the PAUSE mode

WIRELESS OPERATION

Eversan, Inc.'s 2.4GHZ frequency hopping wireless control system allows for multiple scoreboards to be controlled separately or together within feet of each other.

INITIALIZING THE WIRELESS SYSTEM

The following steps must be used to ensure proper communication from the 9270 wireless control console and each scoreboard you want to control.

1. Turn the power to on each Scoreboard that you want to control. The scoreboards should go through their diagnostic checkout. Each number position will flash a (8) eight and go blank; each indicator will flash on and then go blank.
2. Connect the antenna, 9VDC adapter provided or optional 12-volt battery, to the 9270 wireless control console. (see diagram for proper placement)
3. Turn on the control console. The control console will display "WIRELESS NETWORK SYSTEM ID =" for approx. 3 seconds. The display will then show, "EVERSAN, INC. SCOREBOARDS " for approx. 5 seconds. The console then will read " B=0 S=0 O=0 H/E=0,HOME=00 I=0 GUEST=00". The scoreboard will then show what is displayed on the console. See operating instructions.

WIRELESS CONTROL CONSOLE BATTERY OPERATION: (Optional)

1. Turn the scoreboard power on.
2. Attach Eversan, Inc.'s special battery connector to the 4-pin connector on the back of the wireless control console. (see diagram)
3. Connect the cigarette lighter plug into the Eversan battery pack or a car cigarette lighter.

MAINTENANCE OF OUTDOOR SCOREBOARDS

The EVERSAN Outdoor Scoreboards rugged design will provide many years of trouble free performance.

Should you have a problem:

The EVERSAN Outdoor Scoreboard modular design allows easy removal and replacement of all key elements. **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.**

Note to the customer:

Please call our qualified service technicians if you experience any difficulties. We can assist you in solving your problem or help in returning the section in need of repair.

REMOVAL AND REPLACEMENT PROCEDURES

Should repair become necessary the customer will note that each digit (8) is housed as an individual item within the scoreboard.

- Determine which digit is malfunctioning by observing the check out of 8's during power up or during operation.

To remove or replace digits:

1. REMOVE ALL POWER FROM THE SCOREBOARD.
2. Unscrew the four screws and slowly pull digit away from scoreboard.
3. Detach 9-pin segment data cable connector by pushing down the latch on the side of the locking connector and pulling up. See Diagram.
4. Take the new digit and replace data cable connector in the scoreboard to the connector on back of digit. DO NOT FORCE. The data cable connector is polarized and can only be installed in one direction.
5. Replacing digit is the opposite of removing.

Removing the Power Supply Box (in the front of the scoreboard):

1. Remove front access panel's plastic rivets from the top and bottom of panel.
2. Slowly remove power supply.
3. Remove segment data ribbon cable connector.

4. Unscrew power wires from 8-pin terminal strip. Observe and mark the location and color of each of the wires. Disconnect large 22/44-edge connector from the power supply by sliding the connector from side of power box, you may have to rock the connector to get it to slide off.

Replacing the Power Supply Box:

1. Screw the power wire terminals to the 8-pin terminal strip the way you marked them when they were removed.

2. Reconnect 22/44 edge connector to side of power box.

NOTE: this is a polarized connector and is inserted in only one direction.

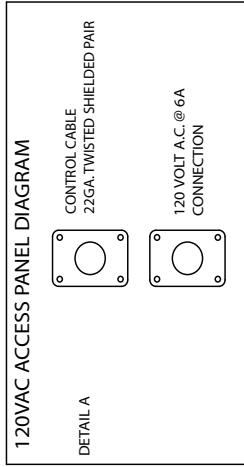
Replace segment data ribbon cable. Note: this polarized connector is inserted in only one direction.

3. Before closing, check out scoreboard.

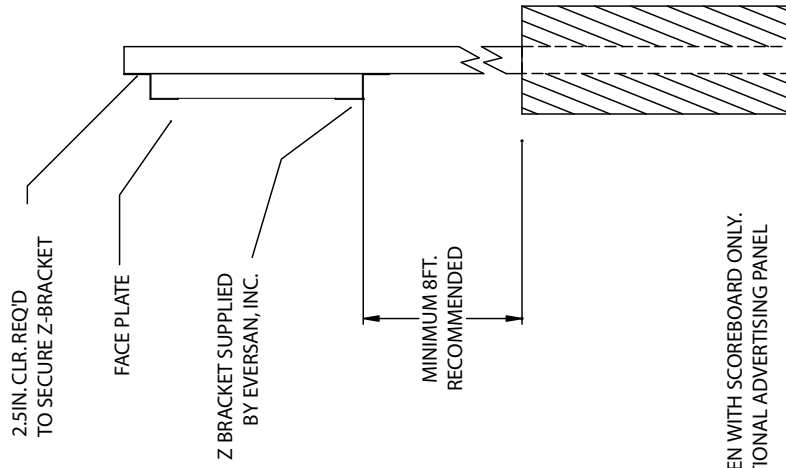
TYPICAL MODEL 9270 INSTALLATION

1. SET BEAMS AT PROPER LOCATIONS.
2. LOCATE ON I BEAMS, WHERE THE BOTTOM OF SCORE BOARD WILL BE AND MOUNT BOTTOM Z BRACKETS. EITHER BOLT OR WELD Z BRACKET TO I BEAMS.
3. LIFT SCOREBOARD AND OPTIONAL SPONSER INTO Z BRACKETS, CHECK FOR LEVEL AND SECURE WITH TOP BRACKETS.

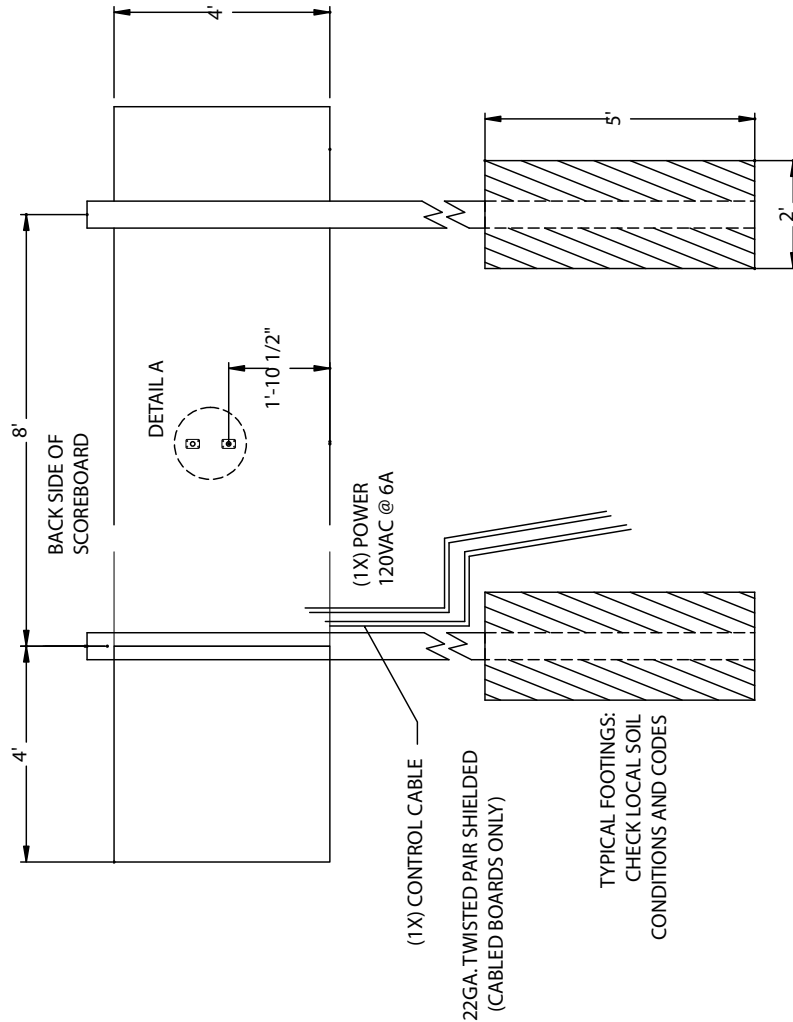
NOTE: MINIMUM W6 x 15 I BEAM (ASTM A36)
8FT. APART ON CENTER
WT. APPROXIMATELY 140LBS.



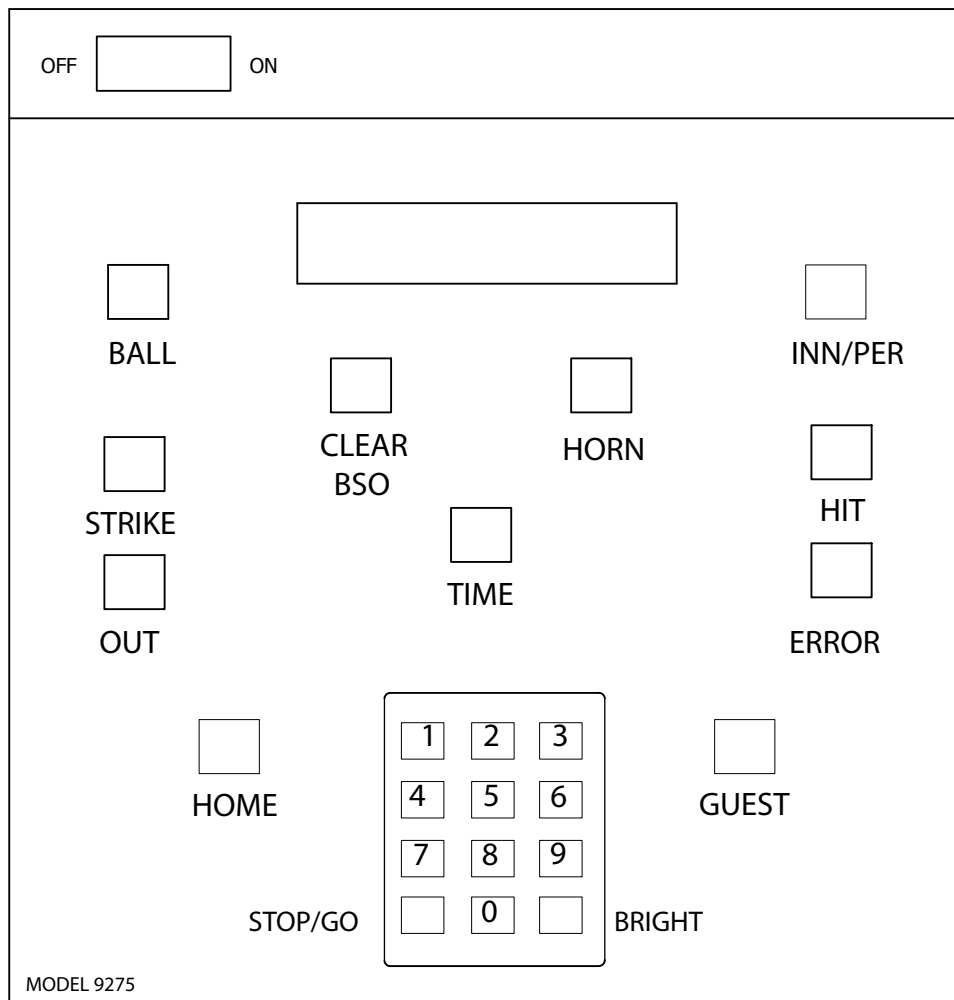
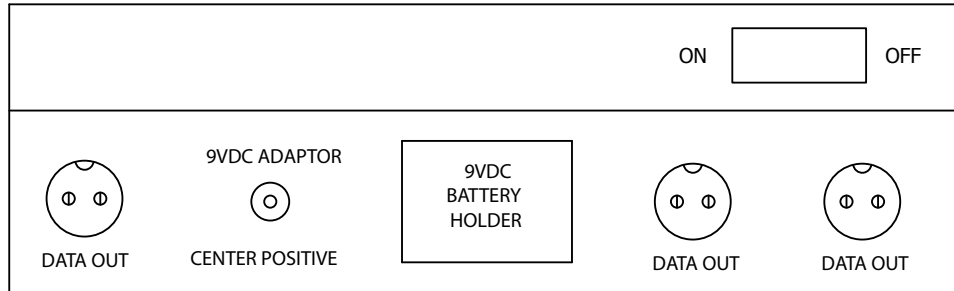
SIDE VIEW



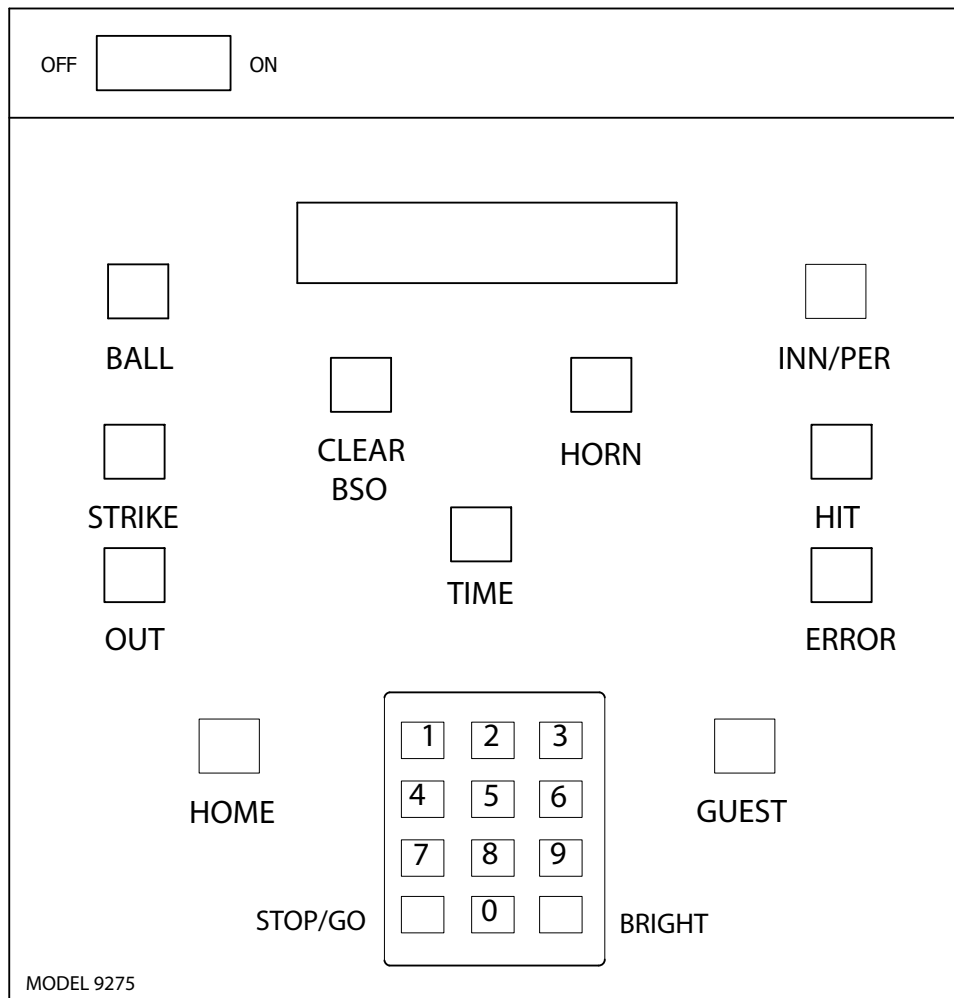
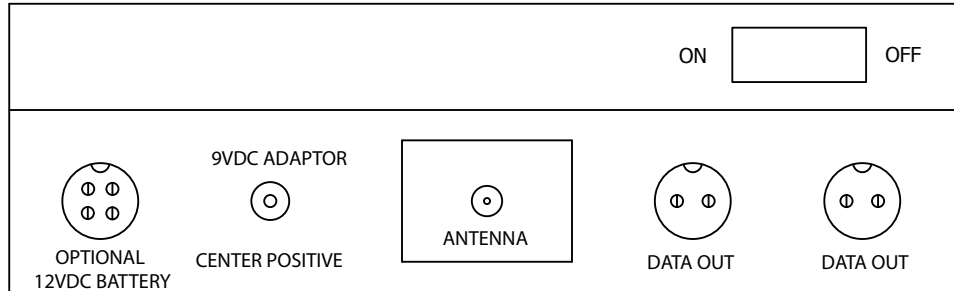
NOTE: ALL DIMENSIONS GIVEN WITH SCOREBOARD ONLY.
MAKE ADJUSTMENTS IF OPTIONAL ADVERTISING PANEL IS PURCHASED.



9275 CABLED VERSION LCD CONTROL CONSOLE



9275 2.4GHZ WIRELESS LCD CONTROL CONSOLE





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