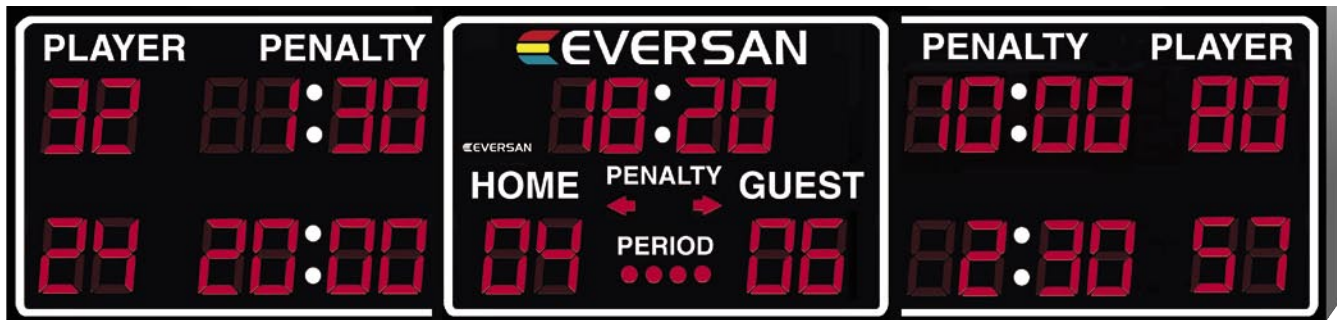


EVERSAN

www.eversan.com

MODEL 8385



HOCKEY 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 8385 Hockey Scoreboard

Packing List

1. One (1) Scoreboard with Two (2) Player Penalty boards.
2. One (1) Control Console.
3. Two (2) Interconnection data cables from center scoreboard to Penalty boards.
4. One (1) Custom Cut Control Cable (A) with Connector and Wall Junction Box (Optional) Cable System Only.
5. One (1) Custom cut Control Cable (B) with Connectors.(Optional) Cable System Only)
6. Two (2) Antenna. (Wireless Option Only)
7. Two (3) mounting Z-brackets. (Optional)

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

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. Data cable from the factory is wired as follows: Pin 1 – Red, Pin 2 – Black with the shield being secured to the back shell of the connector using the cable clamp screw.

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. 8385 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.**

1. Plug interconnection cables into center scoreboard and penalty boards to establish data link throughout the system. (2-pin connectors)
2. Plug wall junction box cable (Optional) or Data cable (cabled systems only) to the side of the scoreboard (2-pin connector).
3. Plug the console cable (cabled systems only) into the wall junction box.
4. Plug the console cable to the console. Connect 9V adapter to console.
5. Connect antenna to scoreboard and console (wireless systems only).
6. Plug the scoreboard and each penalty board into a 120VAC outlet to power the entire system. Upon power up, your scoreboard will check the displays by flashing 8's and then going blank.
7. Turn on the control console using the rocker switch on the upper left side. The console will display EVERSAN, INC. SCOREBOARDS for approximately 2-seconds. The console will then display TIME=00:00.0, HOME=00 GUEST=00. The scoreboard will respond and show the matching data with the exception of the minute's digits will remain blank along with the home and guest penalty digits.
8. If using a wireless system you must always power the scoreboard before turning the control console on. If you are operating multiple scoreboards with one console you must power all the scoreboards prior to turning on the console. If you are operating multiple scoreboards with multiple consoles. You must turn power on to one scoreboard and then the console you want to use to operate that scoreboard. This allows each system to set automatically so as not to interfere with each other.
9. Go to operating instructions to test scoreboard.

SCOREBOARD INSTALLATION INSTRUCTIONS

Scoreboard General Instructions for Each Display

The scoreboard has one half of a Z-bracket mounted on the back of the board. Securely, bolt the other half of the Z-bracket to the wall using a minimum 3/8-inch diameter by 2-inch long lag bolts. If additional reinforcement is necessary, bolt through the back plate by removing the minutes and seconds displays, and screw directly into the wall.

Wall or Floor Junction Box:

Mount on the wall or in the floor near the desired scorer table.

Electrical Specifications: 120VAC @ 1 AMP Each Display (3)

Electric outlets for scoreboards are always on a “clean” unused breaker box. Pay special attention to the power source and connections. **The scoreboard display can only be turned on or off by using the 120VAC outlet that it is connected to, therefore it is recommended that either a key switch or circuit breaker easily control the outlet.**

Step – By - Step Installation:

1. Determine mounting location for the scoreboard.
2. Drill and mount “Z-bracket” to wall utilizing standard lag bolts.
3. Slip scoreboard display panel onto Z-bracket. (For wireless operation skip to step 7). Connect inter-connection data cable from each penalty display to the center display.
4. Mount the junction box to the wall or floor near the score table.
5. Plug in the connector from the wall junction box to the power supply.
6. Plug in the cable from the console into the wall junction box. The scoreboard is now ready for use-see Operating Instructions.
7. Attach antenna to the front of the scoreboard, to the right of the hole pattern for the horn. (wireless option only) **SEE: 2.4GHZ WIRELESS POWER UP INSTRUCTIONS.**

2.4GHZ WIRELESS POWER UP INSTRUCTIONS

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

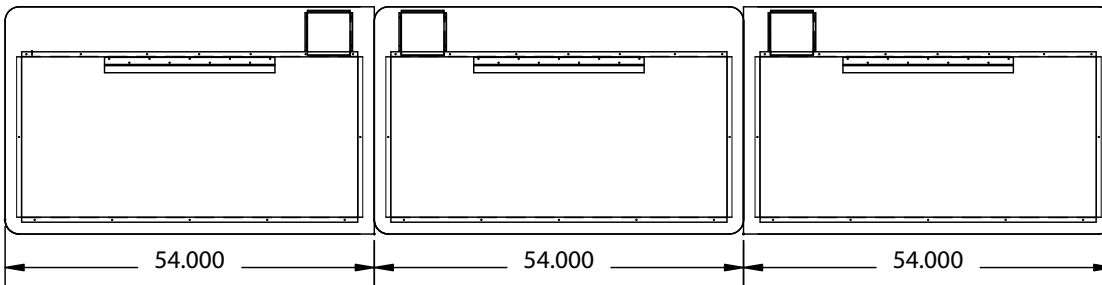
INITIALIZING THE WIRELESS SYSTEM

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

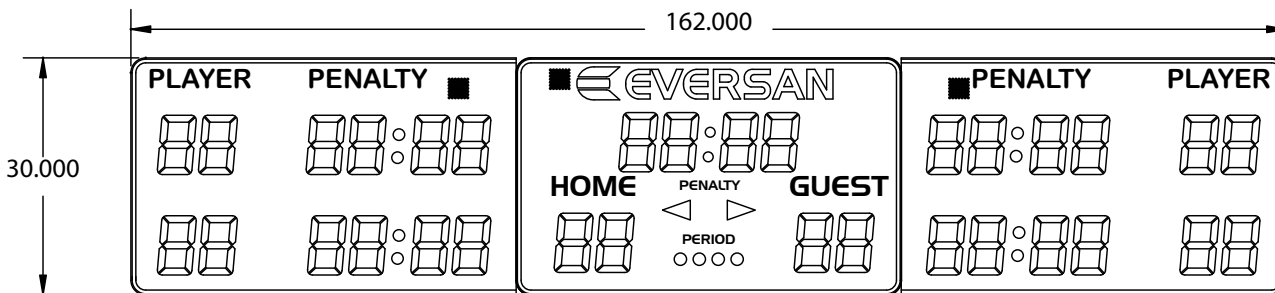
1. Turn on each 8385 Scoreboard that you want to control. The scoreboard(s) should display a dash (-) in each numeric display.
2. Connect the antenna and 9VDC adapter provided to the 9795 wireless control console. (see diagram for proper placement)
3. Turn on the control console. Once communication has been established the scoreboards will go through an initial checkout. See operating instructions.
4. To use another scoreboard with a different control console repeat steps 1 through 3.

MODEL 8385 INSTALLATION

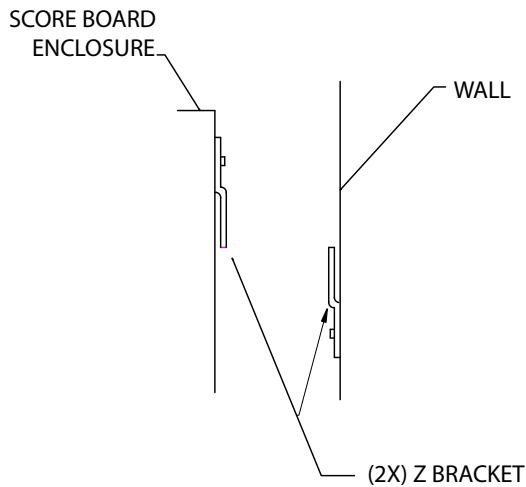
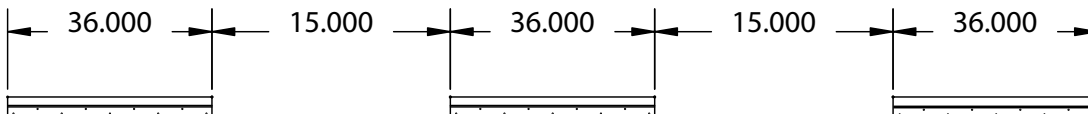
REAR VIEW OF SCOREBOARDS



FRONT VIEW OF SCOREBOARD



Z-BRACKET MOUNTING ON WALL





Operating Instructions

Setting the Time: To set the time the clock must be stopped. Press and release the TIME button and enter a four-digit number using the 0-9 numbered keypad. Example, push and release the TIME button and enter 0-2-0-0 and the clock will show two minutes. If an error has been made, press and release the TIME button and repeat above procedure. The time entered is displayed on both the console's LCD and scoreboard display.

Starting and Stopping the Clock: The STOP/ GO button for the clock is located on the bottom left side of the 0-9 keypad and is green. Pressing and releasing the button once will start the clock a second time will stop the clock.

Setting the Score: Press the HOME or GUEST button once to increment by one. Press and hold down to decrement. Press and release the button and enter any 2-digit number from 0-9 on the numbered keypad.

Setting the Period: The clock must be stopped to set the period. Press and release the RED button on the keypad to increment the period by one. The console LCD display will show each period change, for approximately 5 seconds, on the console and then display the score.

Setting Penalties: The clock must be stopped to enter a penalty. Press and release either HOME PLYR/PENALTY or GUEST PLYR/PENALTY button and enter six-digit number via the keypad. For example, if you would like to enter player #23 with 1 minute, 30 second penalty time, enter: 2-3-0-1-3-0. When the sixth digit is entered the penalty will be displayed on the scoreboard. The system will automatically keep track of up to 7 players in each penalty box. To clear a penalty, stop the clock, push and release HOME PLYR/PENALTY or GUEST PLYR/PENALTY, enter the player number followed by four zero's.

Intermission Mode: This feature allows you to time down the intermission without affecting the penalty times on the scoreboard. With the clock stopped press and release the INTERMISSION button and enter a four-digit time via the keypad. Press the STOP/GO switch and the clock will count down and the horn will sound at zero time but the penalty times will not change. At the end of the intermission increment the period and set the time using the TIME button.

Scroll: H/SCROLL and G/SCROLL allow you to review the active penalties, players and time left on each penalty. The clock must be stopped to review the penalties. Each time you press and release either H/SCROLL or G/SCROLL one penalty with player number and time left will be displayed on the console. Continue to press and release the button and each active penalty will be displayed in order of entry.

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.

Care of Battery Pack

Under no circumstances should the battery pack be punctured or disassembled in any way. NEVER insert anything into the battery receptacle except a standard cigarette lighter type plug. The battery pack should always be stored in a fully charged condition and in a cool, dry place. When stored for a long period of time, the battery should be charged before use.

Charging

The Battery should be charged after each use. Insert the cigarette lighter type plug of the charger into the receptacle on the side of the battery pack. Plug the charger into any standard 120volt household plug. Depending on the amount of drain on the battery, the following is a guide for recharging time. A 25% discharge requires 4 hours recharging. A 50% discharge requires 8 hours. A 100% discharge requires 14 hours recharging time.

NOTE: The Battery should NOT be left in the Recharging mode for more than 24 hours as this can damage the cell.

CAUTION: DO NOT attempt to charge this battery pack on currents other than 60-cycles 110volt/120volt AC current. Do not attempt to use the Battery during charging.

REPLACEMENT OF MODULAR PANELS AND POWER SUPPLY

Eversan, Inc.'s scoreboard systems are easy to maintain. Each module of the scoreboard is totally replaceable and interchangeable.

CAUTION: Before attempting any maintenance, please call and speak with an Eversan, Inc. Technician at (800) 383-6060.

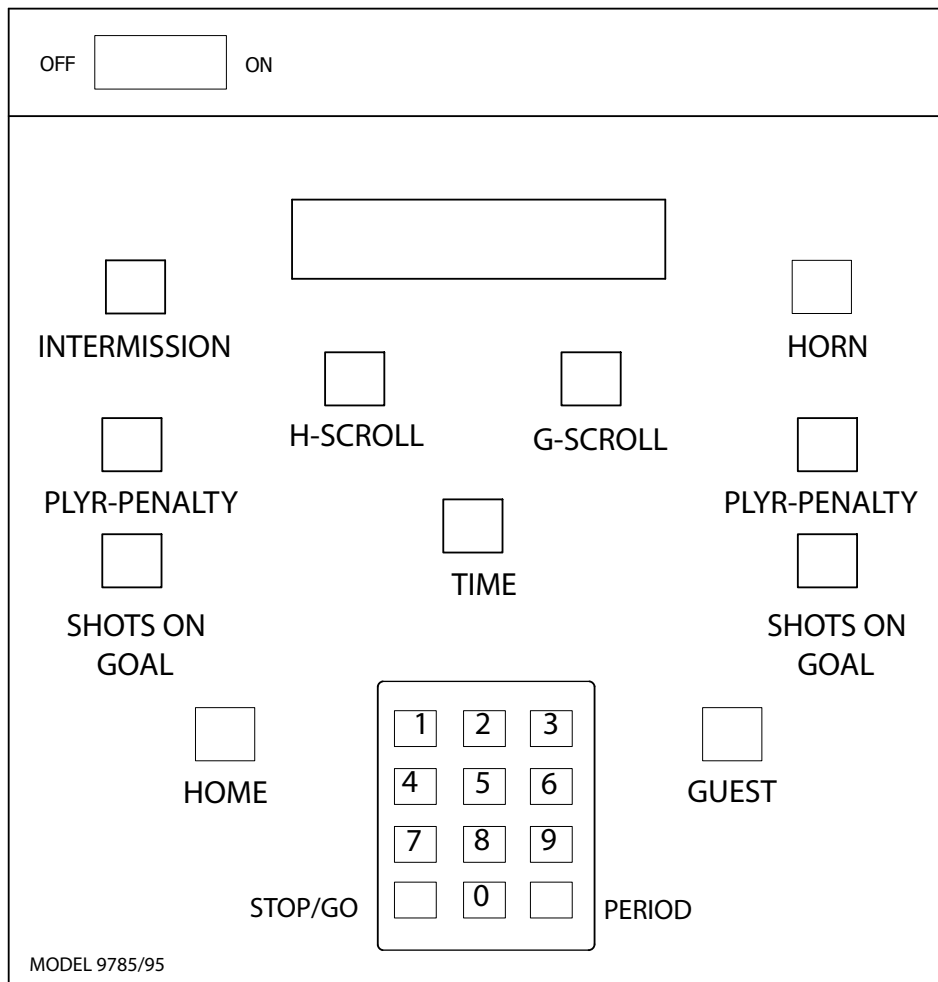
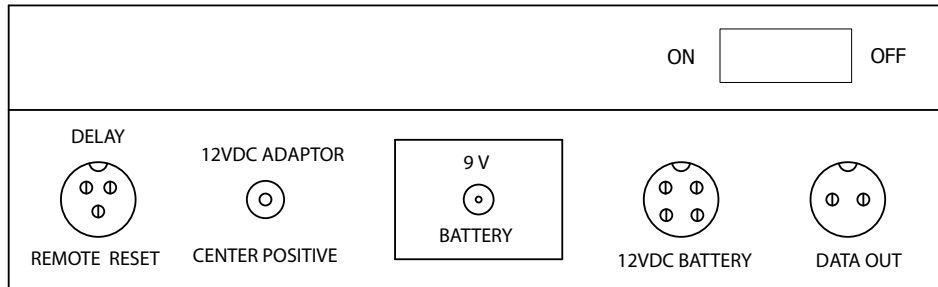
To Change any of the Display Panels:

1. TURN THE SCOREBOARD POWER OFF.
2. Remove the four screws that are securing the panel.
3. Remove the display panel and CAREFULLY unplug connector.
(Rock connector back and forth to remove)
4. Properly replace the connector on the new display, taking care to install in the proper polarization.
5. Reinstall panel and install the four screws.
6. Turn the power on and test the scoreboard.

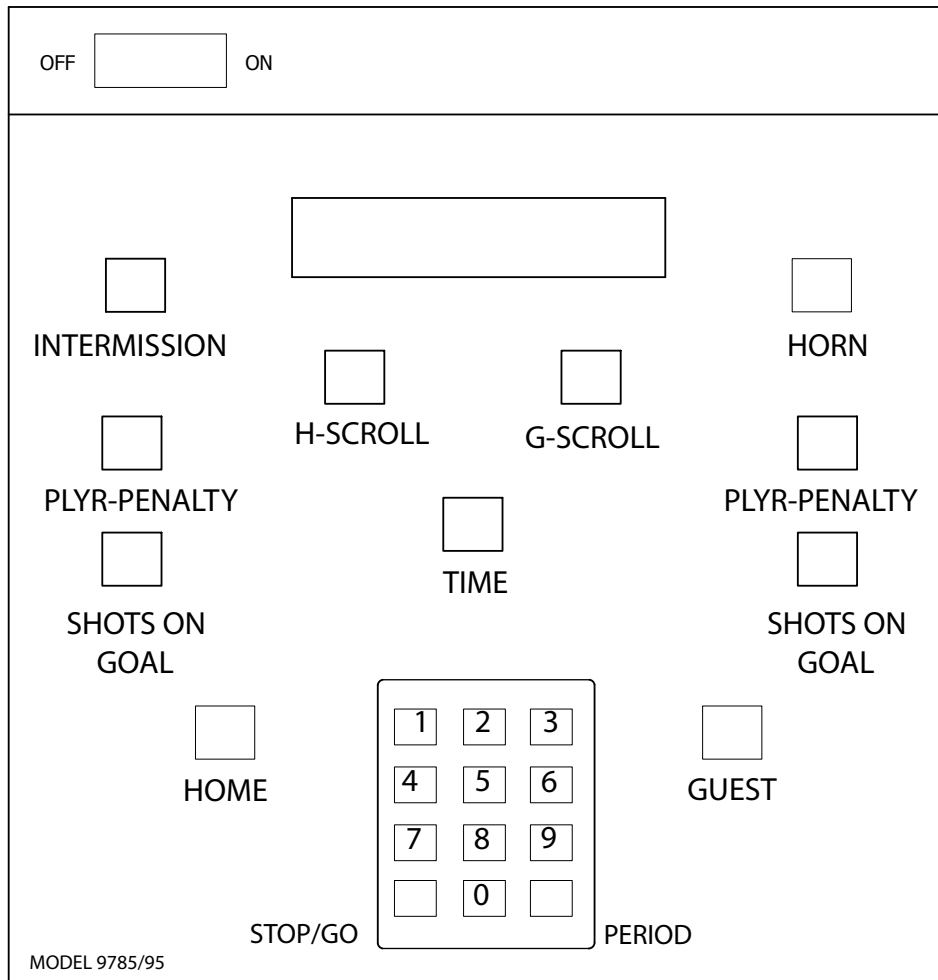
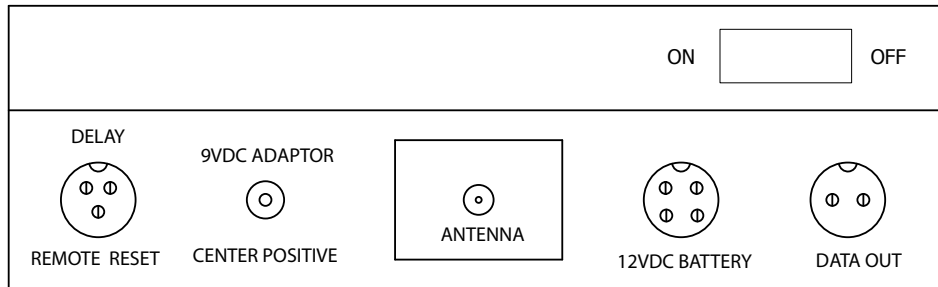
To Change the Power Supply/Computer Box:

1. TURN THE SCOREBOARD POWER OFF.
2. Unplug the console connector (cabled systems only) from the power supply. Disconnect the antenna from the scoreboard and remove the 1/4IN. nut holding the antenna connector to the scoreboard. Push the antenna connector into the scoreboard. Save nut and washer.
3. Remove the 4 screws located in the upper left corner of the scoreboard holding the power supply to the face of the scoreboard.
4. Slide the power supply to the left and carefully unplug the 8-pin data connector by pulling it out, rocking it may help in removing.
5. Replace with new power supply, be sure to connect antenna cable to the face of the scoreboard before fastening the power supply, and reconnect the console cable (cabled systems only) and scoreboard connectors. Fasten the power supply to the front of the scoreboard using the 4 screws. Turn the power on and test the scoreboard.

9785/9795 2.4GHZ CABLED LCD CONTROL CONSOLE



9785/9795 2.4GHZ WIRELESS LCD CONTROL CONSOLE





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