Model 9785-4
4-Sided Hockey
LED Scoreboard

CHECK LIST

1. Four (4) scoreboards.
2. Four (4) corner advertising panels.
3. One (1) control console.
4. One (1) control cable (A) with connector and wall junction box (cable systems only/optional).
5. One (1) control cable (B) with connectors (cabled systems only).
6. Two (2) antenna (wireless systems only).
7. One (1) Inter-connect data cable.
8. One (1) 120VAC wiring harness.
9. Eight (8) internal support beams.
10. Thirty-two (32) internal support coupling.
11. Twelve (12) Angled scoreboard inter-connect brackets.
12. Four (4) 3/4-10 x 10 inch forged eyebolts.
13. Four (4) 3/8 -16 x 5 feet threaded rods.
14. Seventy-two (72) #7 sheet-metal screws.
16. Seventy-two (72) 3/8 inch flat washers
17. Thirty-two (32) 3/8-16 x 5 inch bolts.
18. Twenty-four (24) 3/8-16 x 8 inch bolts.
19. Fifty-six (56) 3/8-16 inch nylon lock nuts.

20. Ninety-six (112) 5/16-18 x 1 inch bolts.


22. Ninety-six (112) 5/16 inch lock washers.

23. Eight (8) 3/4-10 inch nuts.


25. One (1) bottle of lock-tight.

NOTE: Please check that these items are available prior to initial test and assembly 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. 9785-4 series scoreboard system comes ready to assemble and 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.

Electrical Specifications: 120VAC @ 8 AMP

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.
SCOREBOARD TESTING INSTRUCTIONS

General Instructions for Each Display

Cabled System:
Each scoreboard display in a cabled system is the same. They each can be tested individually. To test prior to assembling connect the 2-pin data cable into one section of the scoreboard and the other end of the cable into the control console. Power the scoreboard by plugging the power cord into a standard 120 VAC outlet. The scoreboard will go through initialization and go blank. Turn on the control console, must connect 9V adapter into 120 VAC, using the power switch on the upper left side of the console. The scoreboard should show zero in time and score and the period 1 LED should illuminate. Test all functions using the operating instructions. Repeat for each section of the scoreboard.

Wireless System:
In a wireless system one scoreboard is the receiver of the radio signals and that scoreboard then sends those signals to the other sections via a data interconnect cable. To test each scoreboard prior to assembly you must first test the receiver scoreboard. The receiver scoreboard is the scoreboard with an antenna connector left of the minutes next to the horn holes. Attach one antenna to the scoreboard and the other antenna to the control console. The power up sequence for the wireless system is very important. Always power-up the scoreboard first by plugging the power cord into a standard 120 VAC outlet. The receiver scoreboard will display dashes in each display; time, scores, and penalty times. Only when you have the dashes showing, on the receiver scoreboard, is it ready for you turn on the control console, attach 9V adapter to 120 VAC outlet, using the power switch in the upper left-hand of the console. Upon powering up the console will initialize the radio system and the receiver scoreboard will go through a checkout by showing an 8 in each section of the receiver scoreboard and then set zero in the time, score and illuminating the first period. You can now test the scoreboard using the operating instructions. To test the next section of the scoreboard connect the data inter-connect cable from the receiver scoreboard to another section and repeat the steps for initializing the wireless system. You will observe that the non-radio receiving sections will go through an initialization when plugged into 120 VAC and then go blank, but once the control console is turned on they will work in sync with the receiver scoreboard.

Wall or Floor Junction Box: (Cabled System Only)

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

See assembly and wiring drawings to prepare system for hanging.
**STEP 1**

Once scoreboard B1 and B2 are together tighten bolts.

Use M2 x 16mm bolts to secure corner support bracket.

Loosely fasten scoreboard A1 & B1 with corner support bracket.

Position the backs of scoreboard A1 & B1 at 90°.
STEP #2

Align Internal Support Beam On Lower Support Cupping.

Loosely Fasten Sin X 3/8in Bolts.

Fasten Top Internal Support Cupping To Upper Holes.

(The Scoreboard Opposite Of Each Other Should Have Same Hole Setting.)

Align Internal Support Beam On Lower Support Cupping.

Place Small Drop Or Locktite To Bolts Before Tightening.

Once All Is Aligned Proceed To Tighten.

Loosely Fasten Sin X 3/8in Bolts.
STEP 4: ASSEMBLY CLOSE-UP

*REFER TO PARTS LIST FOR DETAIL*

(8 REQUIRED)
Position and loosely secure internal support beam.

(32 REQUIRED)
Loosely fasten bottom internal support coupling.

(64 PLACE)
Loosely tighten 5/16 x 5/16 in. bolts.

(32 PLACE)
Use 3/8 in. washer and 3/8 in. nut.

*PLACE SMALL DROP OR LOCKNUT TO BOLTS BEFORE TIGHTENING*

Loosely secure using 5/16 x 5/16 in. bolts.

SCOREBOARD A1
STEP #3

When structure is aligned tighten all bolts.

Fasten 9/16 in eye bolt in center holes (marked C).

Fasten 3/8 in threaded rod in the inside holes (marked B).

Loosely fasten 5/16 x 3/8 in bolts in outer holes (marked A).
FOR EASY ASSEMBLY ACCESS
*LEASE ONE CORNER OPEN

USE #7 SHEET METAL SCREWS.
FASTEN AD PANEL (4 REQUIRED).

USE 8-32 SCREW (20 PLACES).
FASTEN AD PANEL TO CORNER.

FASTEN UPPER CORNER AD PANELS (USE #7 SHEET METAL SCREWS).

FASTEN TOP AD PANEL TO SCORERBOARD AD PANEL (4 REQUIRED).

*LEASE ONE CORNER AD PANEL OFF FOR EASY ASSEMBLY ACCESS.

STEP #4