This outdoor LED baseball/softball scoreboard displays HOME and GUEST scores to 99, INNING to 19 and indicates BALL to three, STRIKE to two, OUT to two and H (hit) or E (error). Scoreboard shown with optional striping and amber PanaView® digits.

**DIMENSIONS**

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>UNCRATED WEIGHT</th>
<th>POWER (120 VAC)*</th>
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<tr>
<td>5'-0&quot; H x 14'-0&quot; W x 8&quot; D (1.52 m, 4.27 m, 203 mm)</td>
<td>200 lb (91 kg)</td>
<td>Red/Amer Digits 80 Watts, 0.7 Amp</td>
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<tr>
<td></td>
<td></td>
<td>White Digits 170 Watts, 1.5 Amps</td>
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*Scoreboard requires a dedicated circuit. Models with 240 VAC power at half the indicated amperage are also offered (International Use Only).

**DIGITS & INDICATORS**

- All digits are 18" (457 mm) high. Indicators are 2" (51 mm) in diameter.
- Select red, amber, or white LED digits and indicators.
- Scoreboard features robust weather-sealed digits (see DD2495646).
- Digits may be dimmed for night viewing.

**CAPTIONS**

- HOME and GUEST captions are 12" (305 mm) high. INNING caption is 10" (254 mm) high. All other captions are 8" (203 mm) high.
- Standard captions are vinyl, applied to the display face.

**DISPLAY COLOR**

Choose from 150+ colors (from Martin Senour® paint book) at no additional cost.

**CONSTRUCTION**

Alcoa aluminum alloy 5052 for excellent corrosion resistance

**PRODUCT SAFETY APPROVAL**

ETL-listed to UL 48, tested to CSA standards, and CE-labeled

**OPERATING TEMPERATURES**

- Display: -22° to 122° Fahrenheit (-30° to 50° Celsius)
- Console: 32° to 130° Fahrenheit (0° to 54° Celsius)
CONTROL CONSOLES

| All Sport® 1600* (see SL04352) | Wired (standard): One-pair shielded cable of 22 AWG minimum is required. A cover plate with mounted connector and standard 2" x 4" x 2" (51 mm x 102 mm x 51 mm) outlet box is provided. Connector mates with signal cable from control console. |
| All Sport 5000 (see SL03991) | Wireless (optional): 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see SL04370). |
| RC-200 (see DD3715714) | Optional wireless handheld controller features 2.4 GHz spread spectrum radio with 64 non-interfering channels and 8-10 hours of operation via internal rechargeable battery. |

CONTROL OPTIONS

MOUNTING
Scoreboard is typically mounted on two vertical beams or poles. Hardware to mount scoreboard on two beams is included; hardware for more beams is at additional cost. Standard mounting uses I-beam clamps. Optional mounting method using angle brackets is also offered; maximum beam width is 12" (305 mm) and maximum beam depth is 22" (559 mm). Refer to attached drawings for more information on mounting methods.

SERVICE ACCESS
Digit panels and electronics are serviced from the front of the scoreboard.

GENERAL INFORMATION
Scoreboard provides scoring capabilities for two teams. 100% solid state electronics are housed in an all aluminum cabinet. Scoreboard is shipped in one section. Scoreboard power is to be provided on a dedicated circuit to prevent loss of game information due to failure of another component on the circuit. Specifications and pricing are subject to change without notice.

OPTIONS & ACCESSORIES
- Scoreboard border striping
- Multiple caption and striping colors (see DD2101644)
- Team name caption in place of HOME
- Team names on changeable panels
- Individual digit protective screens (see SL04939)
- Protective netting (see DD2690927)
- Optional angle bracket mounting method
- Advertising/identification panels
- Decorative accents
- Electronic message centers and video displays in multiple sizes

ADVERTISING/IDENTIFICATION PANELS

Backlit & Non-Backlit:

- 1'-6" H x 14'-0" W (457 mm, 4.27 m)
- 2'-0" H x 14'-0" W (610 mm, 4.27 m)
- 2'-6" H x 14'-0" W (762 mm, 4.27 m)

For additional non-backlit panel sizes, see SL03761.

FOR ADDITIONAL INFORMATION
- Installation Specifications: DWG-1157187 (attached)
- Standard I-beam Mounting: DWG-1052565 (attached)
- LVX I-beam Mounting: DWG-3918361 (attached)
- Optional Pole Mounting: DWG-1048184 (attached)
- Component Locations: DWG-1066028 (attached)
- Architectural Specifications: See SL05255
MOUNTING INSTRUCTIONS:
1. PLACE SPRING NUTS INTO SCOREBOARD CHANNEL IN APPROXIMATE LOCATION OF VERTICAL BEAMS.
2. LIFT SCOREBOARD INTO POSITION
3. MAKE SURE THE 1/2-13 BOLTS ARE AS CLOSE TO THE I-BEAM FLANGES AS POSSIBLE
4. WHEN SCOREBOARD IS ADJUSTED TO FINAL DESIRED POSITION, TIGHTEN BOLTS FIRMLY
5. IF FLANGE THICKNESS IS MORE THAN 3/4" THICK LONGER BOLTS WILL BE REQUIRED AT THE CUSTOMER'S EXPENSE.

STANDARD MOUNTING METHOD

STRUCTURAL NOTES
ALLOWABLE CAPACITY PER EACH CLAMP:
SHEAR = 160 LBS
TENSION = 2300 LBS

SHEAR AND TENSION LOAD DIRECTION ARE AS INDICATED ON REAR ISOMETRIC VIEW
MOUNTING INSTRUCTIONS:
1. PLACE SPRING NUTS INTO SCOREBOARD CHANNEL IN LOCATIONS SHOWN IN TOP VIEW
2. PLACE SPRING NUTS IN UNISTRUT IN APPROXIMATE LOCATION OF VERTICAL BEAMS
3. LIFT SCOREBOARD INTO POSITION
4. MAKE SURE THE 1/2-13 BOLTS ARE AS CLOSE TO THE I-BEAM FLANGES AS POSSIBLE
5. WHEN SCOREBOARD IS ADJUSTED TO FINAL DESIRED POSITION, TIGHTEN BOLTS FIRMLY

IF FLANGE THICKNESS IS MORE THAN 3/4" THICK LONGER BOLTS WILL BE REQUIRED AT THE CUSTOMER'S EXPENSE.

DO NOT USE ANY LUBRICANT ON ANY MOUNTING HARDWARE OR WARRANTY WILL BE VOIDED

VERTICAL BEAM - FLANGE THICKNESS MUST BE 1/4" - 3/4"
1/2-13 X 3.000 BOLT - BOLT THREAD MUST ENGAGE ENTIRE DEPTH OF SPRING NUT. BOLT MUST BE TIGHTENED TO 40FT-LB TORQUE

SIDE VIEW
SCOREBOARD ATTACHMENT

TOP VIEW
STRUCTURAL NOTES
ALLOWABLE CAPACITY PER COLUMN CONNECTION:
SHEAR = 185 LBS
TENSION = 2400 LBS
SHEAR AND TENSION LOAD DIRECTION ARE AS INDICATED ON REAR ISOMETRIC VIEW

STANDARD MOUNTING METHOD
MOUNTING INSTRUCTIONS:
1. PLACE SPRING NUTS INTO SCOREBOARD CHANNEL IN LOCATIONS SHOWN IN TOP VIEW
2. PLACE SPRING NUTS IN UNISTRUT IN APPROXIMATE LOCATION OF VERTICAL BEAMS
3. MAKE SURE THE 1/2-13 BOLTS ARE AS CLOSE TO THE I-BEAM FLANGES AS POSSIBLE
4. WHEN SCOREBOARD IS ADJUSTED TO FINAL DESIRED POSITION, TIGHTEN BOLTS FIRMLY
5. IF FLANGE THICKNESS IS MORE THAN 3/4" THICK LONGER BOLTS WILL BE REQUIRED AT THE CUSTOMER'S EXPENSE.

DO NOT USE ANY LUBRICANT ON ANY MOUNTING HARDWARE OR WARRANTY WILL BE VOIDED

VERITCAL BEAM
1/2-13 X 3.000 BOLT
1/2" LOCK WASHER
1/2" FLAT WASHER

LONG SPRING NUT

I-BEAM CLAMP - ASSURE CLAMP IS TIGHTLY ENGAGED TO I-BEAM AND NUT

SCOREBOARD ATTACHMENT

EXPLDED SIDE VIEW
UNISTRUT ATTACHMENT
SCALE 1/15

3-1/4" UNISTRUT
1/2" FLAT WASHER
1/2" LOCK WASHER
1/2-13 X 1.500 BOLT

SHORT SPRING NUT

SCOREBOARD

SEE DETAIL A

DETAIL A
SCALE 1/4
RECOMMENDED METHOD OF INSTALLATION:
- INSTALL 1 1/2" BOLT, 1/2" LOCK WASHER, 1/2" FLAT WASHER USING SHALLOW SOCKET WITH EXTENSION
- ENTER FROM INSIDE OF UNISTRUT SECURING INSIDE BOLTS FIRST AND MOVING OUTWARD.

VERTICAL BEAM
1/2-13 X 3.000 BOLT
1/2" LOCK WASHER
1/2" FLAT WASHER

I-BEAM CLAMP - ASSURE CLAMP IS TIGHTLY ENGAGED TO I-BEAM AND NUT

LONG SPRING NUT

SCOREBOARD
NOTES:
- THREADED RODS RUN ALONG BOTH SIDES OF BEAM
- RODS DO NOT PASS THROUGH THE FLANGES OF THE BEAM
- NO DRILLING NECESSARY
- MAKE SURE SPRING NUT IS PERPENDICULAR TO CHANNEL OPENING ON SCOREBOARD

***CRITICAL***
MAKE SURE SPRING NUT IS TURNED TO VERTICAL POSITION INSIDE SCOREBOARD CHANNEL

EXTRA THREADED ROD CAN BE CUT OFF

VERTICAL BEAM

REAR MOUNTING ANGLE

1/2" FLAT WASHER, LOCK WASHER, AND NUT

1/2" THREADED ROD

SPRING NUT

SCOREBOARD

SIDE VIEW

TOP VIEW
SCALE 1/10

***CRITICAL***
DO NOT USE ANY LUBRICANT ON ANY MOUNTING HARDWARE OR WARRANTY WILL BE VOIDED

PROJECT: OUTDOOR SCOREBOARDS
TITLE: P1647; POLE MOUNTING OPTIONS
DATE: 22-DEC-15
DIM UNITS: INCHES [MILLIMETERS]
SCALE: 1/5
DO NOT SCALE DRAWING
SHEET 1 OF 1
REV 04
DESIGN: DOPPELT
JOB NO. P1647
FUNC - TYPE - SIZE E - 10 - A

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