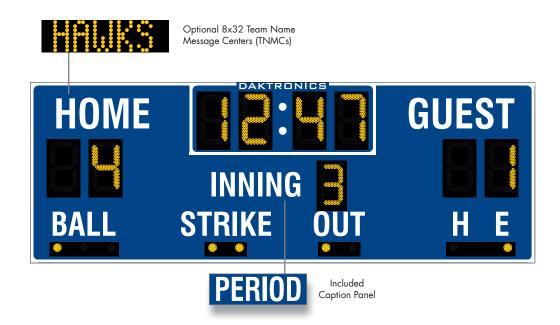
DAKTRONICS MS-918 PRODUCT SPECIFICATIONS



This outdoor LED multisport scoreboard displays period time to 99:59, HOME and GUEST scores to 99 and INNING or PERIOD to nine with included reversible caption panel. Indicators show BALL, STRIKE, OUT, H (hit) and E (error) in baseball mode. When period time is less than one minute, the scoreboard displays time to 1/10 of a second. Scoreboard shown with optional striping and amber PanaView[®] digits.

| | | VINYL CAPTIONS (STANDARD) | TNMCS & VINYL CAPTIONS | | | |
|------------|------------------|----------------------------------------------------|---------------------------|--|--|--|
| POWER | Red/Amber Digits | 130 Watts, 1.1 Amps | 200 Watts, 1.7 Amps | | | |
| (120 VAC)* | White Digits | 260 Watts, 2.2 Amps | 420 Watts, 3.5 Amps | | | |
| UNCRAT | ED WEIGHT | 265 lb (120 kg) | 345 lb (156 kg) | | | |
| DIME | NSIONS | 5'-0" H x 14'-0" W x 8" D (1.52 m, 4.27 m, 203 mm) | | | | |

*Scoreboard requires a dedicated circuit. Models with 240 VAC power at half the indicated amperage are also offered (International Use Only).

DIGITS & INDICATORS

- INNING/PERIOD digit is 15" (381 mm) high. All other digits are 18" (457 mm) high. All indicators are 2" (51 mm) in diameter.
- Select red, amber, or white LED digits and indicators.
- Scoreboard features robust weather-sealed digits (see <u>DD2495646</u>).
- Digits may be dimmed for night viewing.

CAPTIONS

- HOME and GUEST captions are 10" (254 mm) high. All other captions are 8" (203 mm) high.
- Standard captions are vinyl, applied to the display face. INNING and PERIOD captions are on a reversible panel.
- Optional TNMCs are 10.6" (269 mm) high.

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)



WWW.DAKTRONICS.COM E-MAIL: SALES@DAKTRONICS.COM

DAKTRONICS MS-918 PRODUCT SPECIFICATIONS

| CONTROL CONSOLES | CONTROL OPTIONS | | | | | |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| All Sport® 1600* (see <u>SL-04352</u>) *May be upgraded to | 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 <u>SL-03991)</u> | Wireless (optional): 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see <u>SL-04370</u>). | | | | | |
| RC-200 (see <u>DD3715714</u>) | 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. | | | | | |
| DAK Score & MX-1 (see DD3888368) | CUSTOMER-SUPPLIED mobile device or tablet with DAK Score app installed communicates via Bluetooth [®] wireless technology to an MX-1 Interface Box that controls the scoreboard through 2.4 GHz radio or wired connection. | | | | | |

Note: All Sport 5000 or DAK Score required for Team Name Message Centers.

SEGMENT TIMER MODE

The segment timer mode is ideal for keeping practices on schedule. The horn at the end of a segment allows coaches and athletes to focus on the practice and to listen for the horn when it is time to change drills (see <u>SL-04004</u>).

TIME OF DAY MODE

This scoreboard features a Time of Day (TOD) mode that allows it to act as a clock when the control console is unplugged or off. Refer to the scoreboard installation manual for instructions on how to enable the Time of Day mode.

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.

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 <u>SL-03761</u>.

OPTIONS & ACCESSORIES

- Scoreboard border striping
- Multiple caption and striping colors (see <u>DD2101644</u>)
- Team name caption in place of HOME *
- Team names on changeable panels *
- Programmable Team Name Message Centers (see <u>DD1696958</u>)
- Reversible HALF and QTR caption panel
- Horn
- Individual digit protective screens (see <u>SL-04939</u>)
- Protective netting (see <u>DD2690927</u>)
- Optional angle bracket mounting method
- Advertising/identification panels
- Decorative accents
- Electronic message centers and video displays in multiple sizes

* Not available with TNMCs

FOR ADDITIONAL INFORMATION

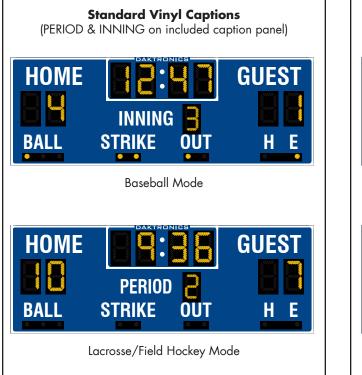
- Installation Specifications: DWG-1157187 (attached)
- Standard I-beam Mounting: DWG-1052565 (attached)
- LVX I-Beam Mounting: DWG-3918361 (attached)
- Optional Pole Mounting: DWG-1048184 (attached)
- Component Locations: DWG-1074633 (attached)
- Architectural Specifications: See <u>SL-05167</u>

The Bluetooth[®] word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Daktronics, Inc. is under license.

WWW.DAKTRONICS.COM E-MAIL: SALES@DAKTRONICS.COM

201 Daktronics Drive, PO Box 5128, Brookings, SD 57006 Phone: 1-800-325-8766 or 605-692-0200 Fax: 605-697-4746 DD2167408 091720 Page 2 of 8

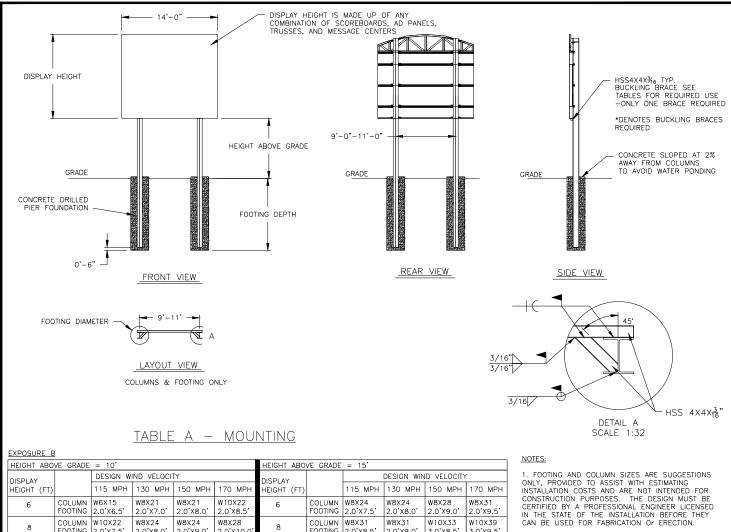
ALTERNATE CAPTIONS & SCORING MODES







WWW.DAKTRONICS.COM E-MAIL: SALES@DAKTRONICS.COM



2. INTERNATIONAL BUILDING CODE 2012 USED IN DESIGN OF COLUMNS AND FOOTINGS WITH, IMPORTANCE FACTOR=1, Kzt=1.0, Kd=0.85, G=0.85. SEISMIC DESIGN WAS NOT CONSIDERED.

3. FOOTING DIMENSIONS ARE BASED ON ASSUMED SOIL CLASS 4 (ALLOWABLE LATERAL BEARING PRESSURE OF 150 psf).

4. STRUCTURAL STEEL IS GRADE A992 (50 ksi) STEEL. CONCRETE SHALL HAVE A MINNIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 psi.

5. THE AVERAGE DISPLAY WEIGHT FOR A LAYOUT CAN NOT EXCEED 8 PSF.

6. DAKTRONICS INC. IS NOT RESPONSIBLE FOR STRUCTURES DESIGNED AND INSTALLED BY OTHERS.

7. LOCAL BUILDING OFFICIALS SHOULD BE CONTACTED TO DETERMINE THE WIND SPEED AND EXPOSURE CATEGORY FOR THE PROPOSED SIGN LOCATION. THE EXPOSURE CATEGORY C IS LOCATION. 1 DEFINED AS:

EXPOSURE B - URBAN AND SUBURBAN AREAS, OR OTHER TERRAIN WITH NUMEROUS SPACED OBSTRUCTIONS HAVING THE SIZE OF SINGLE-FAMILY DWELLINGS OR LARGER. THESE CONDITIONS MUST PREVAIL FOR A DISTANCE FROM THE SIGN OF AT LEAST 2,600 ft OR 20 TIMES THE SIGN HEIGHT, WHICHEVER IS GREATER

EXPOSURE C - OPEN TERRAIN WITH SCATTERED OBSTRUCTIONS HAVING HEIGHTS GENERALLY LESS THAN 30 FT. THIS CATEGORY INCLUDES FLAT OPEN COUNTRY, GRASSLANDS, AND ALL WATER SURFACES IN HURRICANE PRONE REGIONS.

8. FOR SPECIFIC PRODUCT DETAILS ON WEIGHT, MOUNTING, ETC. REFER TO THE INDIVIDUAL PRODUCT SPECIFICATION SHEETS.

| | | DAKTRONICS, INC. BROOKINGS, SD 57006 DO NOT SCALE DRAWING DO NOT SCALE DRAWING | | | | | | |
|-----------------------------------------------|-------------------|-----------------------------------------------------------------------------------------|-----|--------|----------------|-----------------|--|--|
| | | PROJ:OUTDOOR SCOREBOARD INSTALLATION | | | | | | |
| | TITLE:14' WIDTH S | TITLE: 14' WIDTH SCOREBOARD INSTALLATION SPECS | | | | | | |
| UPDATED WIDE FLANGE AND FOUNDATION VALUES BY: | DESIGN: RSCHWAF | DESIGN: RSCHWAR DRAWN: RSCH | | | | DATE: 27 NOV 13 | | |
| AMP | SCALE: 1/16"=1' | SCALE: 1/16"=1' | | | | | | |
| UPDATED CLAMPS IN REAR AND SIDE VIEW AND BY: | SHEET | REV J | | OB NO: | FUNC-TYPE-SIZE | 1157187 | | |
| ADDED 170 MPH WIND SPEC COLUMN TJT | | 02 | P16 | 47 | E-10-A | 115/18/ | | |

| HEIGHT ABO | BOVE GRADE = 10' | | | | | HEIGHT ABOVE GRADE = 15' | | | | | |
|------------------------------------|-------------------|-----------------------|----------------------|-----------------------|-----------------------|--------------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| DISPLAY | | DESIGN WIND VELOCITY | | | DISPLAY | | DESIGN WIND VELOCITY | | | | |
| HEIGHT (FT) | | 115 MPH | 130 MPH | 150 MPH | 170 MPH | HEIGHT (FT) | | 115 MPH | 130 MPH | 150 MPH | 170 MPH |
| 6 | COLUMN FOOTING | W6X15 2.0'X6.5' | W8X21 2.0'X7.0' | W8X21 2.0'X8.0' | W10X22 2.0'X8.5' | 6 | | W8X24 2.0'X7.5' | W8X24 2.0'X8.0' | W8X28 2.0'X9.0' | W8X31 2.0'X9.5' |
| 8 | | W10X22 2.0'X7.5' | W8X24 2.0'X8.0' | W8X24 2.0'X9.0' | W8X28 2.0'X10.0' | 8 | | W8X31 2.0'X8.5' | W8X31 2.0'X9.0' | W10X33 3.0'X8.5' | W10X39 3.0'X9.5' |
| 10 | COLUMN FOOTING | W8X24 2.0'X8.5' | W8X28 2.0'X9.0' | W8X31 2.0'X10.0' | W10X33 3.0'X9.5' | 10 | | W8X24* 2.0'X9.0' | W12X26* 2.0'X10.0' | W10X33* 3.0'X9.5' | W16X36* 3.0'X11.0' |
| 12 | COLUMN FOOTING | W8X28 2.0'X9.0' | W8X31 2.0'X10.0' | W10X39 3.0'X9.5' | W12X40 3.0'X11.0' | 12 | | W12X26* 2.0'X10.0' | W14X30* 3.0'X9.5' | W16X36* 3.0'X11.0' | W14X43* 3.0'X12.0' |
| 14 | | W10X26* 2.0'X10.0' | W10X26* 3.0'X9.0' | W12X30* 3.0'X10.0' | W14X34* 3.0'X11.0' | 14 | | W10X30* 3.0'X9.5' | W10X49* 3.0'X10.0' | W16X40* 3.0'X11.0' | W14X48* 3.0'X13.0' |
| FOOTING DIMENSIONS DIMETER V DEDTU | | | | | | | | | | | |

FOOTING DIMENSIONS = DIAMETER X DEPTH * DENOTES BUCKLING BRACE REQUIRED

EXPOSURE C

| HE | IGHT ABO | VE GRADE | = 10' | | HEIGHT ABOVE GRADE = 15' | | | | | |
|------------------------|----------|-------------------|---------------------|----------------------|--------------------------|-------------------|-----------------------|-----------------------|--|--|
| DISPLAY HEIGHT (FT) | | | DESIGN W | IND VELOCITY | DISPLAY | | DESIGN WIND VELOCITY | | | |
| | | | 115 MPH | 140 MPH | HEIGHT (FT) | | 115 MPH | 140 MPH | | |
| | 6 | COLUMN FOOTING | W8X21 2.0'X7.5' | W8X24 2.0'X8.5' | 6 | COLUMN FOOTING | W12X26 2.0'X8.5' | W8X31 2.0'X9.5' | | |
| | 8 | COLUMN FOOTING | W8X24 2.0'X8.5' | W8X28 2.0'X10.0' | 8 | COLUMN FOOTING | W8X31 2.0'X9.5' | W10X39 3.0'X9.5' | | |
| | 10 | COLUMN FOOTING | W8X31 2.0'X9.5' | W10X33 3.0'X9.5' | 10 | COLUMN FOOTING | W12X30* 3.0'X9.0' | W16X36* 3.0'X11.0' | | |
| | 12 | COLUMN FOOTING | W10X33 3.0'X9.0' | W12X40 3.0'X10.5' | 12 | COLUMN FOOTING | W14X34* 3.0'X9.5' | W16X40* 3.0'X11.0' | | |
| | 14 | COLUMN FOOTING | | | 14 | COLUMN FOOTING | W14X38* 3.0'X11.0' | W14X48* 3.0'X13.0' | | |

FOOTING DIMENSIONS = DIAMETER X DEPTH * DENOTES BUCKLING BRACE REQUIRED

NOTE

REV

02 REV

01

DATE: 27 OCT 15

DATE

23 JUL 14

-REFER TO NOTE 7 FOR EXPOSURE CATEGORY DEFINITIONS.

