



DakStats® 3000 interface to Daktronics message display.

Message display with animation



BB-3145 BASKETBALL SCOREBOARD SPECIFICATIONS

The BB-3121 Tuff Sport® basketball scoreboard and SportStar® message display are designed to complement each other. These easy-to-operate displays are ideal for promoting events, firing up the crowd and keeping fans informed and entertained. The display has a free format for showing game-in-progress statistics from the All Sport® controller or DakStats® software, animations, informational messages and advertisements. The BB-3121 basketball scoreboard features basic game information for basketball, volleyball, and wrestling. The scoreboard utilizes ColorSmart™ technology to display period time in red, green or amber to 99:59, HOME and GUEST scores in red, green or amber to 199, PERIOD to nine in amber, and indicates possession and bonus. When period time is less than one minute, the scoreboard displays time to 1/10 of a second in amber. This scoreboard is shown with the optional striping.

PRODUCT SPECIFICATIONS

PRODUCT SAFETY APPROVAL:

120 V AC models: ETL listed, tested to CSA standards

CONSTRUCTION:

Durable, lightweight aluminum

DISPLAY COLOR:

Over 150 paint colors (from Martin Senour® paint book) available at no additional cost.

OVERALL DIMENSIONS:

Height 8'6", Width 10'0", Depth 6" (2591 mm, 3048 mm, 152 mm)

OVERALL WEIGHT:

366 lbs (166 kg)

OPERATING TEMPERATURES:

Display: -22 to 122 degrees Fahrenheit (-30 to 50 degrees Celsius)
Controller: 32 to 122 degrees Fahrenheit (0 to 50 degrees Celsius)

SCOREBOARD SPECIFICATIONS

DIMENSIONS:

Height 2'6", Width 10'0", Depth 6" (762 mm, 3048 mm, 152 mm)

WEIGHT:

95 lb (43 kg)

POWER:

Available in 120 V AC (200 W; 1.7 A) (Add 100 W for a pair of optional TNMCs)

BB-3145 PRODUCT SPECIFICATION (CONTINUED)

- CONSTRUCTION:** Durable, lightweight aluminum
- DIGITS/INDICATORS:** Seven bar segments per digit. PERIOD digit is 7" (178 mm) high. All other digits are 10" (254 mm) high. Clock digits, display game time in green when timing, red when stopped and amber when time is below one minute. Score digits have the option of turning green when ahead, red when behind and amber when tied. Period digit and bonus indicators illuminate amber. Possession indicators illuminate red (see SLO9004 for further details).
- CAPTIONS:** HOME and GUEST captions are 6" (152 mm) high. PERIOD caption is 4" (102 mm) high. Captions are vinyl applied directly to the display face.
- DISPLAY COLOR:** More than 150 colors (from Martin Senour® paint book) are available at no additional cost.
- OPERATING TEMPERATURES:** Display: -22 to 122 degrees Fahrenheit (-30 to 50 degrees Celsius)
Console: 32 to 122 degrees Fahrenheit (0 to 50 degrees Celsius)

MESSAGE CENTER SPECIFICATIONS

Model #	Matrix	Avg. # of char/line	Power	Weight	Display dimensions	LED viewing angle
AE-3140-64128-23-RGB-10	64 x 128	21-25*	2400 W	271 lbs (123 kg)	H 6'0" (1829 mm) W 10'0" (3048 mm) D 6" (152 mm)	140 degrees

*Indicates single stroke letters.

- LED COLOR:** 32K color RGB
- FONT WIDTH:** Single or double stroke width
- CHARACTER HEIGHT:** Eight lines of 6" (161 mm) characters, four lines of 12" (368 mm) characters

ALL SPORT® 5500 CONTROL CONSOLE:

Control console electronics are housed in a rugged aluminum case. Console has a large 32-character backlit liquid crystal prompting display to verify entries and recall information currently displayed. Case and sealed membrane keyboard make console face water-resistant. Console is capable of controlling other sports using keyboard inserts. A 20' (6096 mm) control cable and a 6' (1829 mm) power cord are supplied. The power cord plugs into a standard grounded 120 V AC outlet. Maximum power demand is 6 watts.

VENUS® 1500 CONTROL SOFTWARE:

The Venus 1500 controller is an easy-to-use display control system that runs on a personal computer, provided by the customer, with Windows® operating system. It can also be interfaced with DakStats® to display live game stats, animations and advertisements.

CONTROL CABLE:

Scoreboard: One-pair shielded cable of 22 AWG minimum is required.
Message center: CAT 5 cable from the computer to the display or network outlet at each location (250' max).

RADIO CONTROL:

Scoreboard: A 2.4 GHz spread spectrum with frequency with 24 non-interfacing channels and separate broadcast groups. Software selectable channel and broadcast groups on the control console.
Message Center: Radio communication not currently recommended due to speed.

JUNCTION BOX:

A cover plate with mounted connector and standard 2" x 2" x 4" (51 mm, 51 mm, 102 mm) outlet box is provided. Connector mates with connector from control console.

BB-3145 PRODUCT SPECIFICATION (CONTINUED)

HORN:

A vibrating horn, mounted behind the scoreboard face, sounds automatically when the period clock counts down to zero or manually as controlled by the operator.

SYNCHRONIZATION:

The BB-3121 has the capability to operate in sync with all other ColorSmart™ compatible scoreboards.

GENERAL INFORMATION:

The scoreboard provides scoring capabilities for two teams. 100% solid state electronics are housed in an all aluminum cabinet. The AE-3140 is available with red, amber or RGB LEDs. The scoreboard arrives on site in two sections. Specifications and pricing are subject to change without notice.

WARRANTY/SERVICE PLAN:

Exclusive Daktronics Gold® plan in the U.S. and Canada (see SP10093 for more information).

OPTIONAL LOGO/SPONSOR PANELS:

Non-backlit		Backlit	
Height	Width	Height	Width
1'-3" (381 mm)	10'-0" (3048 mm)	1'-6" (457 mm)	10'-0" (3048 mm)
1'-6" (457 mm)	10'-0" (3048 mm)	2'-0" (610 mm)	10'-0" (3048 mm)
2'-0" (610 mm)	10'-0" (3048 mm)	2'-4" (711 mm)	10'-0" (3048 mm)
2'-6" (762 mm)	10'-0" (3048 mm)	2'-6" (762 mm)	10'-0" (3048 mm)
3'-0" (914 mm)	10'-0" (3048 mm)	3'-0" (914 mm)	10'-0" (3048 mm)
4'-0" (1219 mm)	10'-0" (3048 mm)	5'-3" (1600 mm)	10'-0" (3048 mm)
		9'-0" (2743 mm)	10'-0" (3048 mm)

*For additional information on ordering logo/sponsor panels, see SL04014.

OPTIONS:

1. Durable control console carrying case
2. Scoreboard striping
3. Team name in place of HOME
4. Visual horn indicator (see SL02093)
5. Different sounding horn
6. 2.4 GHz spread spectrum radio for BB-3121 only (see SL04370)
7. Double bonus indicator
8. Programmable team name message center (see SL04342)
9. Alternate caption colors available (see SL06409)
10. Advertisement/identification panels

FOR ADDITIONAL INFORMATION REFER TO:

1. Mechanical specifications (Y=color - amber, red or RGB):
AE-3140-64128-23-Y-10 Drawing #: 246300
BB-3121 Drawing #: 282963
2. Electrical specifications (Y=color - amber, red or RGB):
AE-3140-64128-23-Y-10-P Drawing #: 246323
BB-3121 Drawing #: 282964
3. Architectural specification: SL09533
4. Manual reference:
Daktronics Tuff Sport® Indoor Basketball LED Scoreboards: ED-16711
Daktronics Galaxy AE-3140 23 mm Tuff Sport® Message Center: ED-15381

For additional information on Daktronics scoring/timing products, call 605-697-4300 or 800-325-8766.

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