## DAKTRONICS BB-2115 PRODUCT SPECIFICATIONS



This indoor single-sided LED basketball game clock and shot clock timer displays game time to 99:59 and shot times up to a value of 99 seconds. It can also count down from any preset time between 0 and 99 seconds. During the last minute of the period, game time is displayed to $1 / 10$ of a second. A hand-held start/stop/reset switch is included with purchase. Shot clock shown with PanaView ${ }^{\circledR}$ digits.

| POWER (120 VAC)* | UNCRATED WEICHT | DIMENSIONS |
| :---: | :---: | :---: |
| 350 Watts, 2.9 Amps | $30 \mathrm{lb}(14 \mathrm{~kg})$ | $2^{\prime}-4 \mathrm{H} \mathrm{H} \times 2 \mathrm{l}-5 \mathrm{CW} \times 6 " \mathrm{D}$ <br> $(711 \mathrm{~mm}, 737 \mathrm{~mm}, 152 \mathrm{~mm})$ |

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

## DIGITS

- Game clock digits are 7" (178 mm) high. Shot clock digits are 13" (330 mm) high.
- Game clock digits are amber. Shot clock digits are red.
- Select PanaView ${ }^{\circledR}$ or UniView ${ }^{\circledR}$ LED digit technology (see SL-04729).


## DISPLAY COLOR

Choose from 150+ colors (from Martin Senour ${ }^{\circledR}$ paint book) at no additional cost.

## CONSTRUCTION

Durable, lightweight aluminum Tuff Sport ${ }^{\circledR}$ cabinet withstands high-velocity impact from air-filled sports balls without the need for protective screens.

## PRODUCT SAFETY APPROVAL

ETL-listed, tested to CSA standards, and CE-labeled for indoor use only

## OPERATING TEMPERATURES

- Display: $-22^{\circ}$ to $122^{\circ}$ Fahrenheit $\left(-30^{\circ}\right.$ to $50^{\circ}$ Celsius)
- Console: $32^{\circ}$ to $130^{\circ}$ Fahrenheit ( $0^{\circ}$ to $54^{\circ}$ Celsius)


## DAKTRONICS BB-2115 PRODUCT SPECIFICATIONS

## CONTROL CONSOLE

## CONTROL OPTIONS

Wired (standard): One-pair shielded cable of 22 AWG minimum is required. A cover plate with

## All Sport ${ }^{\circledR}$ 5000* <br> (see SL-03991)

 mounted connector and standard 2" $\times 4$ " $\times 2^{\prime \prime}(51 \mathrm{~mm} \times 102 \mathrm{~mm} \times 51 \mathrm{~mm}$ ) outlet box is provided. Connector mates with signal cable from control console.Wireless (optional): 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see SL-04370).

* Controller not included with standard purchase; timer(s) are typically controlled by the same console controlling the basketball scoreboard(s).


## LIGHT STRIP OUTPUT

Timer features outputs to control Daktronics end-of-period backboard LED light strips, such as the BB-2135 (sold separately).

## HORN

A vibrating horn sounds automatically when shot clock counts down to zero or manually as controlled by the operator.

## GENERAL INFORMATION

Timer provides game and shot clock timing capabilities. $100 \%$ solid state electronics are housed in an all aluminum cabinet. Timer arrives at the site fully assembled. Mounting hardware not included. Specifications and pricing are subject to change without notice.

## OPTIONS \& ACCESSORIES

- Carrying handle
- Portable signal kit
- End-of-period backboard light strips (see SL-05965)
- Visual horn indicator (see SL-02093 or SL-05489)
- Protective screen (see SL-02551)
- Suspension installation kit


## FOR ADDITIONAL INFORMATION

- Mechanical Specifications: DWG-3267938 (attached)
- Component Locations: DWG-3272582 (attached)
- Architectural Specifications: See SL-04795
- Installation Manual: See DD2481645
- Service Manual: See DD2481648
DIGIT, SIGNAL AND POWER SPECIFICATIONS:
FACE PANEL SWINGS OPEN
TOWARDS THE LEFT
TOWARDS THE LEFT
ON INTERNAL HINGES
FRONT VIEW
COMPONENT LOCATIONS:
NOTES:


|  |  |
| ---: | :--- |
|  | LEGEND: |
| $1\rangle$ | $=$ DIGIT DESIGNATION |
|  | IN RELATION TO DRIVER |
| $7^{\prime \prime}$ | $=$ DIGIT SIZE |
| $\langle 3 H$ | $=$ SEGMENT DESIGNATION |
| $\langle A 1\rangle$ | $=$ DRIVER NUMBER |

## DAKTRONICS BB-2135 PRODUCT SPECIFICATIONS



This backboard LED light strip kit acts as a visual indicator to communicate with basketball players, fans and officials. A strip of red LEDs behind the face of the backboard lights up when the game clock reaches zero. Alternately, the light strip can be programmed to illuminate when the game (or shot clock) horn sounds or while the clock is stopped. This kit is designed to fit typical backboard models used at high school and collegiate levels. Backboards are not provided by Daktronics.

## DIMENSIONS

Light strips are $0.5^{\prime \prime}(13 \mathrm{~mm})$ tall and $1.5^{\prime \prime}(38 \mathrm{~mm})$ deep. Light strip across the top is $62^{\prime \prime}(1475 \mathrm{~mm})$ wide. The two light strips on the bottom are each 18" ( 457 mm ) wide. The lengths of the two light strips along the sides vary depending on size of backboard, either 29" (737 mm) for a 42" ( 1067 mm ) tall backboard or 35" ( 889 mm ) for a 48" $(1219 \mathrm{~mm})$ tall backboard.

## WEIGHT

$8 \mathrm{lb}(4 \mathrm{~kg})$

## POWER

16 VDC, 100 Watts, 0.9 Amp

## LED COLOR

Red

## CONSTRUCTION

Durable plastic composite material with aluminum brackets

## PAINT COLOR

Mounting brackets are painted gloss black.

## CONTROL

Daktronics shot clock or LED light strip controller; 18 AWG jacketed signal cable with 3-pin XLR male and female ends

## GENERAL INFORMATION

Specifications and pricing are subject to change without notice.

## OPTIONS

- Visual Horn Indicator Kit (high school applications only) light strips illuminate only when scoreboard horn sounds.


## FOR ADDITIONAL INFORMATION

- Mechanical Specifications: DWG-191155 (attached)
- Connection Detail: DWG-3285852 (attached)
- Architectural Specifications: See SL-06903
- Display Manual: ED-14187




## DAKTRONICS BB-2114 PRODUCT SPECIFICATIONS



This indoor single-sided LED basketball shot clock timer displays shot times up to a value of 99 seconds. It can also count down from any preset time between 0 and 99 seconds. A hand-held start/stop/reset switch is included with purchase. Shot clock shown with PanaView ${ }^{\circledR}$ digits.

| POWER (120 VAC)* | UNCRATED WEICHT | DIMENSIONS |
| :---: | :---: | :---: |
| 350 Watts, 2.9 Amps | $15 \mathrm{lb}(7 \mathrm{~kg})$ | $1 \mathrm{l}-7 \mathrm{H} \mathrm{H} \times 1^{\prime}-10^{\prime \prime} \mathrm{W} \times 6$ " D <br> $(483 \mathrm{~mm}, 559 \mathrm{~mm}, 152 \mathrm{~mm})$ |

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

## DIGITS

- All digits are 13" (330 mm) high
- All digits are red.
- Select PanaView ${ }^{\circledR}$ or UniView ${ }^{\circledR}$ LED digit technology (see SL-04729).


## DISPLAY COLOR

Semi-gloss black

## CONSTRUCTION

Durable, lightweight aluminum Tuff Sport ${ }^{\circledR}$ cabinet withstands high-velocity impact from air-filled sports balls without the need for protective screens.

## PRODUCT SAFETY APPROVAL

ETL-listed, tested to CSA standards, and CE-labeled for indoor use only

## OPERATING TEMPERATURES

- Display: $-22^{\circ}$ to $122^{\circ}$ Fahrenheit $\left(-30^{\circ}\right.$ to $50^{\circ}$ Celsius)
- Console: $32^{\circ}$ to $130^{\circ}$ Fahrenheit ( $0^{\circ}$ to $54^{\circ}$ Celsius)


## DAKTRONICS BB-2114 PRODUCT SPECIFICATIONS

| CONTROL CONSOLE* | CONTROL OPTIONS |
| :---: | :--- |
| All Sport 5000 <br> (see SL-03991) | Wired (standard): One-pair shielded cable of 22 AWG minimum is required. A cover plate with <br> mounted connector and standard 2" $\times 4^{\prime \prime} \times 2$ " $(51 \mathrm{~mm} \times 102 \mathrm{~mm} \times 51 \mathrm{~mm})$ outlet box is provided. <br> Connector mates with signal cable from control console. |
| OR | Wireless (optional): 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 <br> broadcast groups (see SL-04370). |

* Controller not included with standard purchase; timer(s) are typically controlled by the same console controlling the basketball scoreboard(s).
** Controller is for standalone timing operation only; email SALES@DAKTRONICS.COM for more information.


## LIGHT STRIP OUTPUT

Timer features outputs to control Daktronics end-of-period backboard LED light strips, such as the BB-2 135 (sold separately).

## HORN

A vibrating horn sounds automatically when shot clock counts down to zero or manually as controlled by the operator.

## GENERAL INFORMATION

Timer provides shot clock timing capabilities. 100\% solid state electronics are housed in an all aluminum cabinet. Timer arrives at the site fully assembled. Mounting hardware not included. Specifications and pricing are subject to change without notice.

## OPTIONS \& ACCESSORIES

- Carrying handle
- Portable signal kit
- End-of-period backboard light strips (see SL-05965)
- Visual horn indicator (see SL-02093 or SL-05489)
- Protective screen (see SL-02551)
- Suspension installation kit


## FOR ADDITIONAL INFORMATION

- Mechanical Specifications: DWG-3267937 (attached)
- Component Locations: DWG-3272581 (attached)
- Architectural Specifications: See SL-04794
- Installation Manual: See DD2481645
- Service Manual: See DD2481648
NOTES:
BB-2114/3114
NOTES:

1. MOUNTING HARDWARE IS NOT PROVIDED.
2. SEE DRAWING A-91230 FOR SUGGESTIONS ON MOUNTING
TO CEILING-SUSPENDED BACKSTOPS.
3. FOR PORTABLE BACKSTOPS, CONTACT THE BACKSTOP
MANUFACTURER FOR MOUNTING HARDWARE.



$$
6.000[152 \mathrm{~mm}] \quad 21.000[533 \mathrm{~mm}] \longrightarrow
$$


COMPONENT LOCATIONS:



## DAKTRONICS TI-2031 PRODUCT SPECIFICATIONS



This locker room clock displays time in sync with scoreboards and can act as a Time of Day clock when the controller is not connected. The TI-2031 may be surface mounted or flush mounted.

| POWER (120 VAC)* | UNCRATED WEICHT | DIMENSIONS** |
| :---: | :---: | :---: |
| 40 Watts, 0.3 Amps | $4 \mathrm{lb}(1.8 \mathrm{~kg})$ | $8 " \mathrm{H} \times \mathrm{l}^{\prime}-3 " \mathrm{~W} \times 3.25 \mathrm{D}$ <br> $(203 \mathrm{~mm}, 381 \mathrm{~m}, 83 \mathrm{~mm})$ |

[^0]
## DIGITS

- All digits are 4" (102 mm) high.
- All digits are red.


## DISPLAY COLOR

Black

## CONSTRUCTION

Durable, high-impact polystyrene

## OPERATING TEMPERATURES

- Display: $-22^{\circ}$ to $122^{\circ}$ Fahrenheit $\left(-30^{\circ}\right.$ to $50^{\circ}$ Celsius)
- Console: $32^{\circ}$ to $130^{\circ}$ Fahrenheit ( $0^{\circ}$ to $54^{\circ}$ Celsius)

| CONTROL CONSOLE |  |
| :---: | :---: |
| Scoreboard |  |
| Controller |  |
| OR |  |
| All Sport |  |
| (see SL-04352) | 1600* |
| (sen |  |

PRODUCT SAFETY APPROVAL
Power adapter, Class 2, UL listed for indoor use only

## GENERAL INFORMATION

Timer provides clock timing capabilities. 100\% solid state electronics are housed in a polystyrene cabinet. Mounting hardware not included. Specifications and pricing are subject to change without notice.

## FOR ADDITIONAL INFORMATION

- Installation Specifications: DWG-1064515 (attached)
- Architectural Specifications: See DD1737666
- Manual: See DD1732287

[^1]
## CONTROL OPTIONS

Wired (standard): One-pair shielded cable of 22 AWG minimum is required. A cover plate with mounted connector and standard 2" $\times 4$ " $\times 2^{\prime \prime}(51 \mathrm{~mm} \times 102 \mathrm{~mm} \times 51 \mathrm{~mm}$ ) outlet box is provided. Connector mates with signal cable from control console.
Wireless (optional): 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see SL-04370). Radio receiver is located in a separate enclosure, mounted on the nearest wall in clear line of sight with the console. Refer to DWG-260934 (attached).



[^0]:    *Models with 240 VAC power at half the indicated amperage are also offered (International Use Only).
    **When flush mounted, clock protrudes $1.375^{\prime \prime}(35 \mathrm{~mm})$ out of the wall.

[^1]:    * Controller not included with standard purchase; locker room clock(s) are typically controlled by the same console controlling the scoreboard(s).

