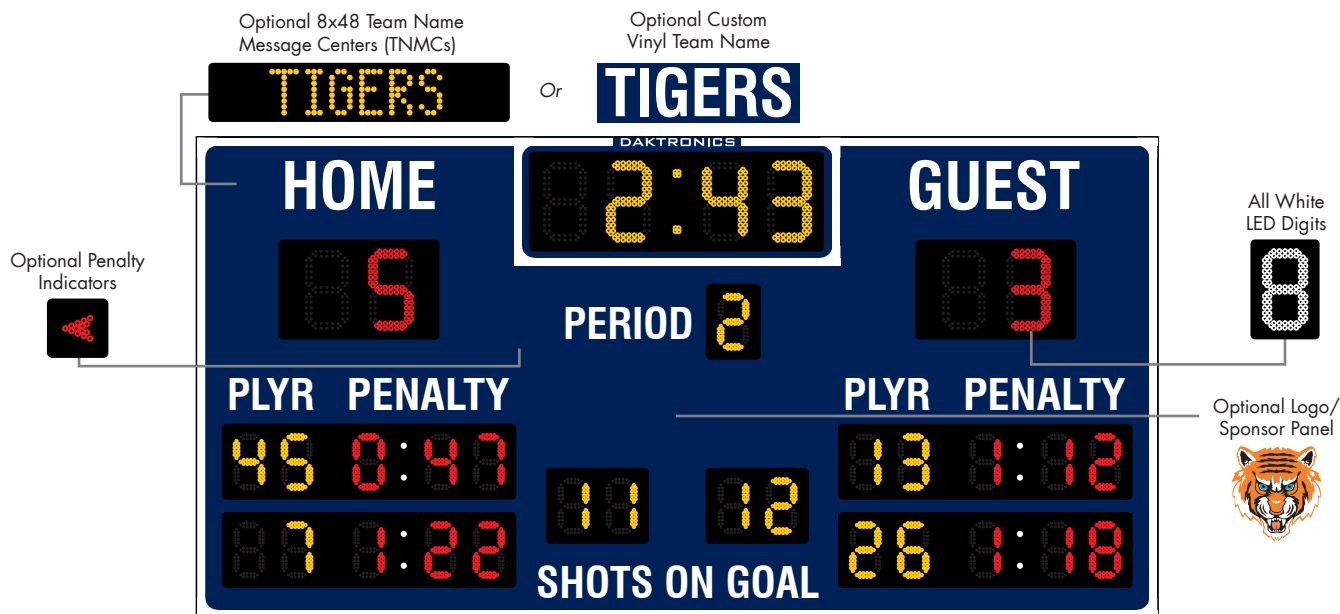


# DAKTRONICS H-2104 PRODUCT SPECIFICATIONS



This indoor single-sided LED hockey scoreboard displays period time to 99:59, HOME and GUEST scores to 99, PERIOD to nine and SHOTS ON GOAL to 99 along with PLYR (player number) to 99 and PENALTY time to 9:59 for up to two players on each team. When period time is less than one minute, the scoreboard displays time to 1/10 of a second.

| CAPTION OPTIONS              | POWER (120 VAC)*    | UNCRATED WEIGHT | DIMENSIONS  |
|------------------------------|---------------------|-----------------|---|
| <b>VINYL ONLY (STANDARD)</b> | 200 Watts, 1.7 Amps | 185 lb (84 kg)  | 5'-0" H x 10'-0" W x 6" D<br>(1.52 m x 3.05 m x 152 mm) |
| <b>VINYL &amp; TNMCS</b>     | 260 Watts, 2.2 Amps | 200 lb (91 kg)  |   |

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

## DIGITS & INDICATORS

- Clock and score digits are 10" (254 mm) high. All other digits are 7" (178 mm) high. Optional penalty indicators are 3" (76 mm) high.
- Scoreboard features PanaView® LED digit technology.
- Scoreboard comes with choice of LED colors:
  - > **Red/Amber LEDs:** clock digits, PERIOD digit, PLYR digits, SHOTS ON GOAL digits and optional TNMCs are amber. Score digits, PENALTY digits and optional penalty indicators are red.
  - > **White LEDs:** all digits, indicators and optional TNMCs are white.

## CAPTIONS & STRIPING

- HOME and GUEST captions are 6" (152 mm) high. All other captions are 4" (102 mm) high. Optional TNMCs are 6" (152 mm) high.
- Standard captions and border striping are white vinyl. Choose another vinyl color at no additional cost (see [DD2101644](#)).

## DISPLAY COLOR

Choose a color from the Daktronics standard paint book (see [SL-02730](#)).

## CONSTRUCTION

Durable, lightweight aluminum Tuff Sport® 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° to 122° Fahrenheit (-30° to 50° Celsius)
- Console: 32° to 130° Fahrenheit (0° to 54° Celsius)

[WWW.DAKTRONICS.COM](http://WWW.DAKTRONICS.COM) E-MAIL: [SALES@DAKTRONICS.COM](mailto: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  
DD2541494 031722 Page 1 of 4



# DAKTRONICS H-2104 PRODUCT SPECIFICATIONS

## CONTROL CONSOLES

**All Sport® 5000**  
(see [SL-03991](#))

## CONTROL OPTIONS

**Wireless:** 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see [SL-04370](#)). This is a popular upgrade.

**Wired:** 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.

## HORN

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

## PENALTY CLOCKS

The console can store player numbers and penalty time for up to six players per team. Only two clocks per team count down at one time. The expired time is automatically deleted when counting for the next player begins.

## 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 [SL-04004](#)).

## 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.

## GENERAL INFORMATION

Scoreboard provides scoring capabilities for two teams. 100% solid state electronics are housed in an all aluminum cabinet. Scoreboard arrives at the site fully assembled. Mounting hardware not included. Specifications and pricing are subject to change without notice.

## FAN FAVORITE OPTIONS

These are the most commonly requested enhancements:

- Custom vinyl team name caption in place of HOME \*or\* Two Digital Team Name Message Centers (TNMCs) in place of HOME and GUEST captions (see [SL-04342](#))
- One 12" tall x 36" wide (305 mm x 914 mm) logo/sponsor area. Copy is applied to a center ad panel.
- Penalty indicators

## OTHER ACCESSORIES & UPGRADES

The options below are available for additional customization:

- Basketball scoring (extra "ones" digits and caption panels)
- Volleyball captions on changeable panels
- Different sounding 12 VDC horn in place of buzzer
- Protective screen (see [SL-02551](#))
- Suspension installation kit \*or\* corner mounting kit

## COMPLETE YOUR SYSTEM

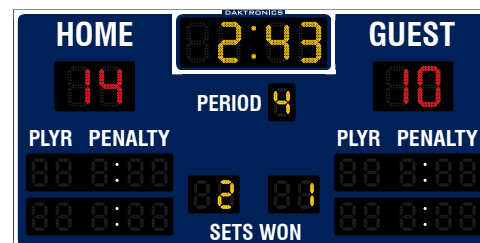
Contact Daktronics about adding any of this equipment to create a unique scoring and display system:

- Backlit advertising/ID panels (see [SL-03664](#))
- Non-backlit advertising/ID panels (see [SL-03917](#))
- Decorative accents
- Goal lights (see [SL-04932](#) or [SL-04933](#))
- Sportsound® Indoor Audio
- Video displays
- Live web streaming of scores and stats

## FOR ADDITIONAL INFORMATION

- Mechanical Specifications: DWG-1136283 (attached)
- Component Locations: DWG-1136238 (attached)
- Architectural Specifications: See [SL-05128](#)
- Installation Manual: See [DD2481645](#)
- Service Manual: See [DD2481648](#)

## ALTERNATE SCORING MODES

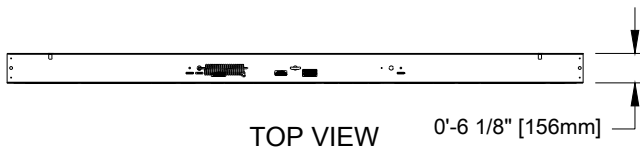


Volleyball Mode – Optional captions shown

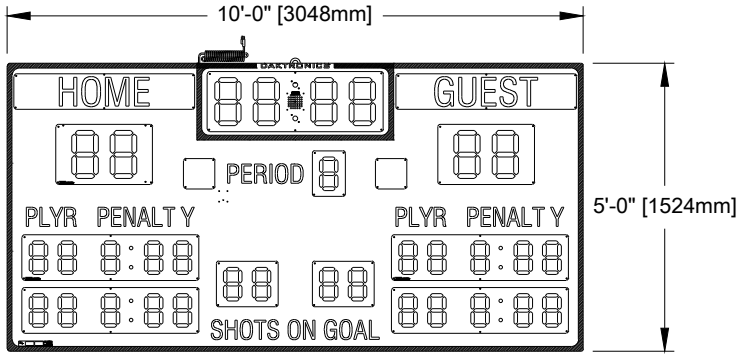


Basketball Mode –  
Optional captions & digits shown\*  
\*Additional "ones" digits for scoring 100+ points at extra cost.

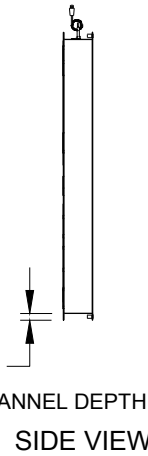
H-2104



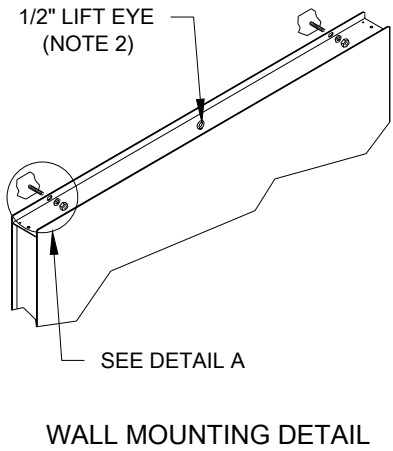
TOP VIEW



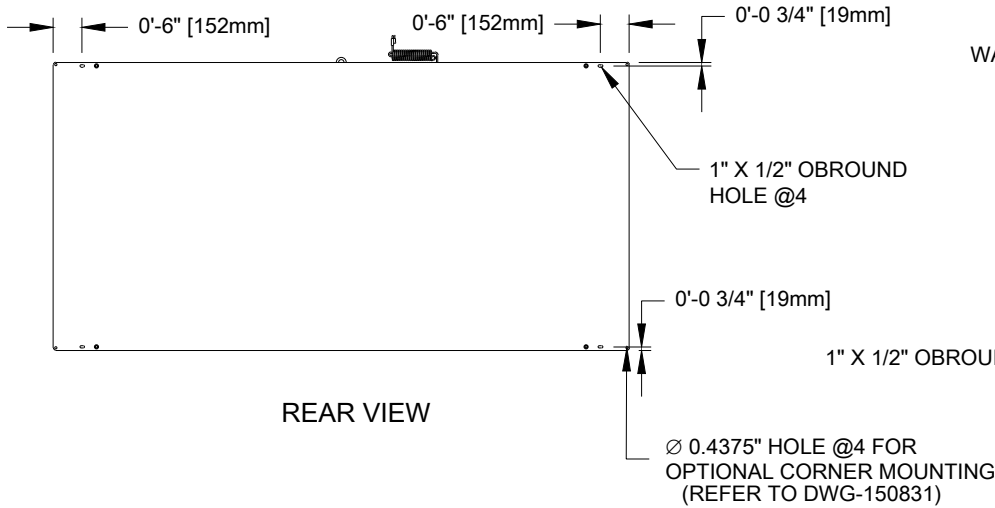
FRONT VIEW



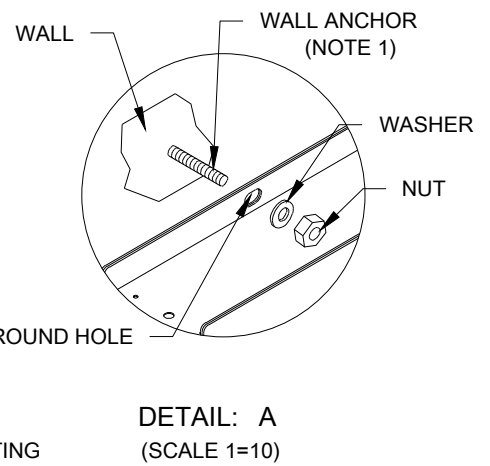
SIDE VIEW



WALL MOUNTING DETAIL



REAR VIEW




DETAIL: A  
(SCALE 1=10)

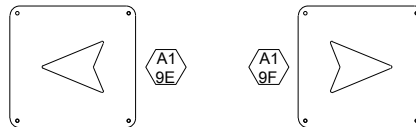
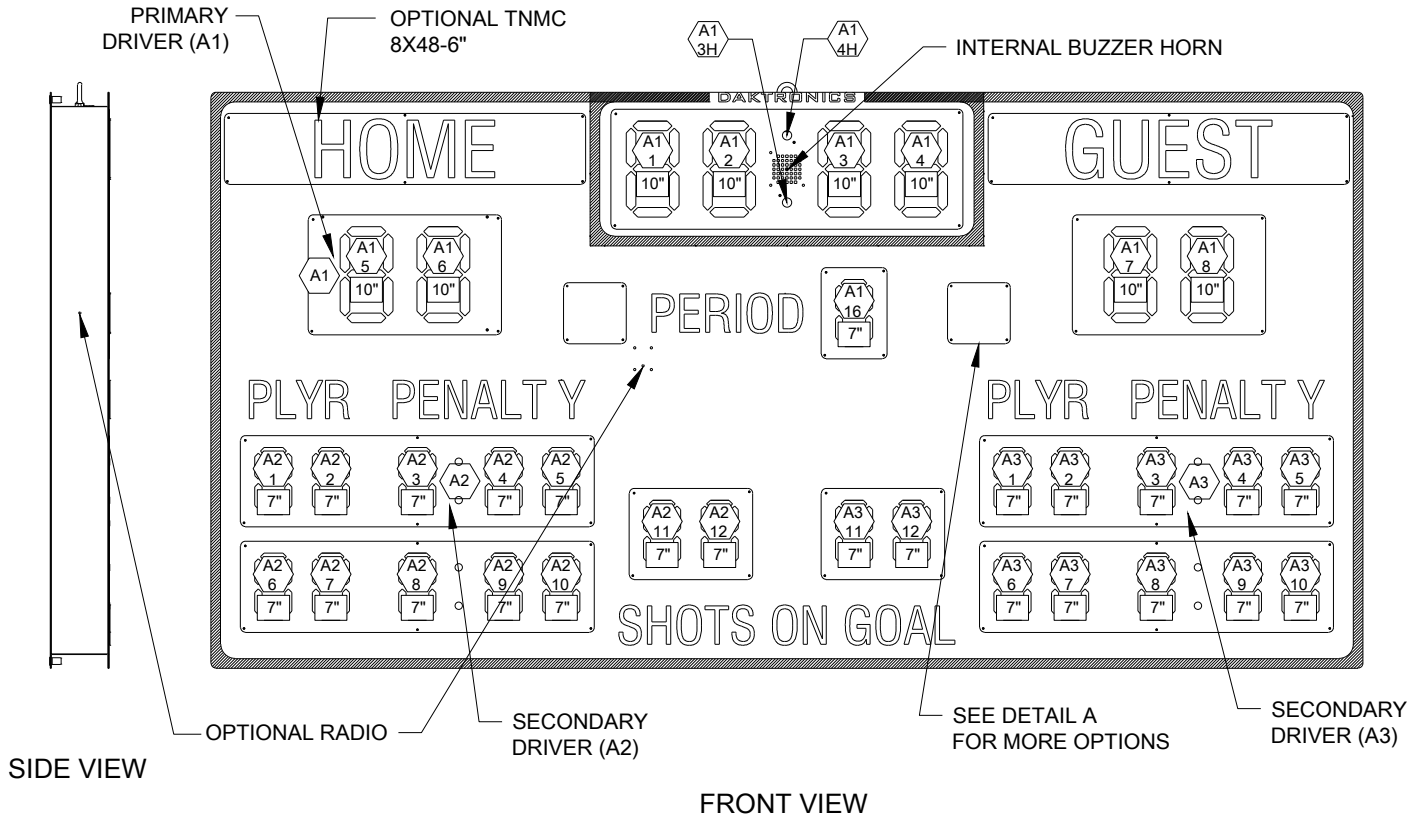
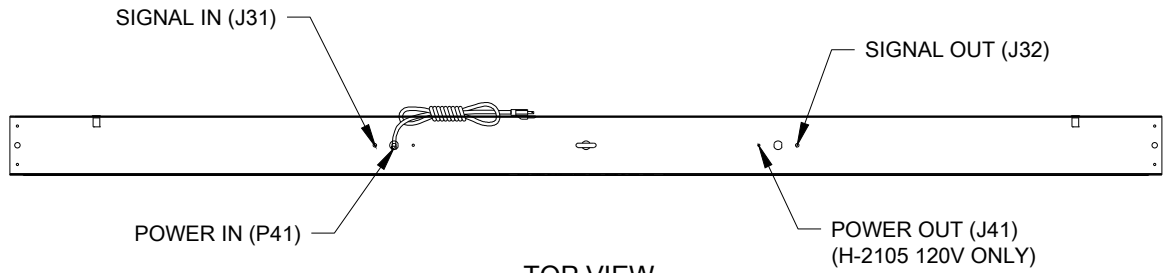
**NOTES:**

1. USE APPROPRIATE WALL ANCHORS FOR TYPE OF WALL. (NOT PROVIDED BY DAKTRONICS)
2. LIFT EYE IS FOR TEMPORARY USE WHILE LIFTING SCOREBOARD DURING INSTALLATION. DO NOT USE LIFT EYE FOR PERMANENT SUSPENSION. REFER TO DWG-1130959.

| WEIGHTS          |                 |
|------------------|-----------------|
| SHIPPING WEIGHT  | MOUNTING WEIGHT |
| 296 LBS (134 KG) | 185 LBS (84 KG) |

|   |     |   |                    |   |
|---|-----|---|--------------------|---|
|  |     | DAKTRONICS, INC.<br>BROOKINGS, SD 57006 |                    | THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS WITHOUT THE EXPRESSED WRITTEN CONSENT OF DAKTRONICS, INC.<br>COPYRIGHT 2013 DAKTRONICS, INC. |
| DO NOT SCALE DRAWING  |     |   |                    |   |
| PROJ: INDOOR SCOREBOARDS  |     |   |                    |   |
| TITLE: MECHANICAL SPEC; H-2104  |     |   |                    |   |
| DESIGN: KSCHNABEL   |     | DRAWN: KSCHNABEL                        |                    | DATE: 9 MAY 13  |
| SCALE: 1 = 40   |     |   |                    |   |
| SHEET   | REV | JOB NO:                                 | FUNC - TYPE - SIZE | 1136283   |
|   | 00  | P1749                                   | E - 10 - A         |   |

# H-2104 & H-2105 FACE




OPTIONAL PENALTY INDICATORS

DETAIL: A  
SCALE 1=10

## NOTES:

- DIGIT DESIGNATION = IN RELATION TO DRIVER
- = DIGIT SIZE
- = SEGMENT DESIGNATION
- = DRIVER NUMBER

|   |     |                     |                  |   |  |
|---|-----|---------------------|------------------|---|--|
|  |     | DAKTRONICS, INC.    |                  | THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS WITHOUT THE EXPRESSED WRITTEN CONSENT OF DAKTRONICS, INC.<br>COPYRIGHT 2013 DAKTRONICS, INC. |  |
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| PROJ: INDOOR SCOREBOARDS  |     |                     |                  |   |  |
| TITLE: COMPONENT LOCATION; H-2104/2105  |     |                     |                  |   |  |
| DESIGN: KSCHNABEL   |     | DRAWN: KSCHNABEL    |                  | DATE: 9 MAY 13  |  |
| SCALE: 1 = 20   |     |                     |                  |   |  |
| SHEET   | REV | JOB NO:             | FUNC -TYPE- SIZE | 1136238   |  |
|   | 02  | P1749               | E - 10 - A       |   |  |