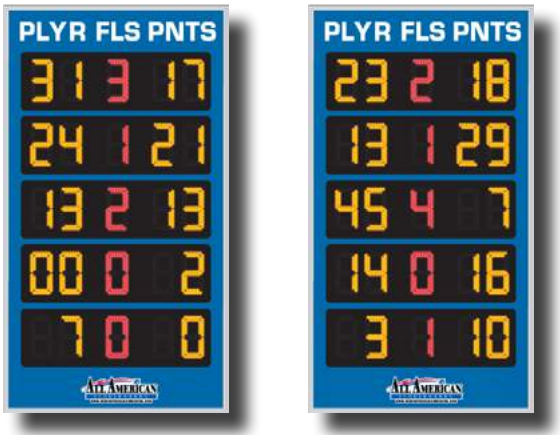
ALL AMERICAN SCOREBOARDS™

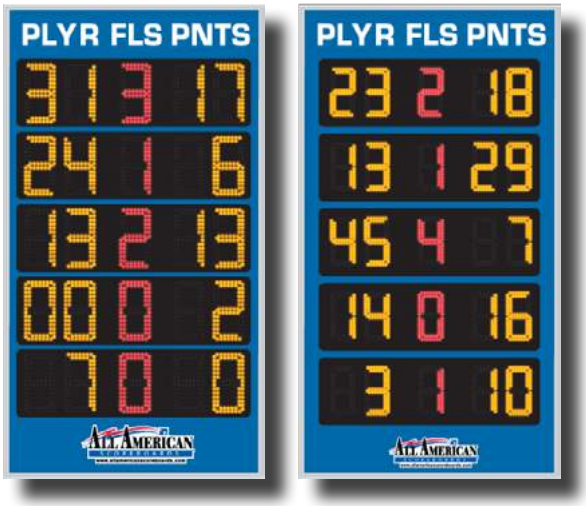
PRODUCT SPECIFICATIONS
MODEL 8201 LED BASKETBALL STAT PANEL

INDOOR STAT PANEL **8201SP** **Basketball** **Note: For Volleyball/Basketball Stat panels, use 8601SP.**	
OVERALL DIMENSION	6'10"high x 3'8" wide x 5" deep (each). Designed to be paired with the 8218 scoreboard.
INFORMATION DISPLAYED	Player Number, Player Foul, Player Points.
DIGITS	8" Bright Red and Amber, 7-Segment LEDs.
CAPTIONS	White vinyl letters.
HORN	Not included. Horn is traditionally connected to main scoreboard.
CONSTRUCTION	5" extruded aluminum frame, .093" thick. Faces made from shatter proof polycarbonate.
STANDARD COLORS (Custom Colors Available)	BLACK · NAVY · BLUE · LIGHT BLUE · PURPLE · BURGUNDY · RED · FOREST GREEN · GREEN
ELECTRONICS	100% solid state, microprocessor controlled system.
SERVICING	Front access for ease of servicing. Plug in modules for ease of replacement.
MICROPROCESSOR CONTROL CONSOLE 	Sold separately. Extruded Aluminum, high impact low profile microprocessor control console, latest state of the art, user friendly. Size: 13.25" wide x 5" high x 9" deep. Weight: 6 lbs. Microprocessor to be supplied with 25 feet of cable (hard-wire). Microprocessor control console with membrane keyboard provides for direct entry of all information. Radio Control is available, although it is recommended that the stat panels be plugged into the main scoreboard, which may be controlled via radio or hard-wired. A single console may control game and stat information, or another console can be connected to share scoring duties. Computer interface also available. Radio Control is available, however usually unnecessary.
STATISTICIAN INTERFACE	May also be controlled via All American Statistician Interface (AASI). A Windows® PC with USB connection and Stat Crew ® software are required for AASI.
JUNCTION BOX	One dual-system capable junction box, 4" x 2" with cover and Ethernet cable. (Hard-wire)
DATA CABLE	Twisted pair, direct burial, RJ45 Connectors (Hard-wire).
POWER REQUIREMENTS	115/230 VAC. 50/60 Hz. Minimum one 20A circuit is recommended.Typical system of 2 Stat panels and 8218 Scoreboard would draw a maximum of 16.7 Amps.
INSTALLATION	May be mounted to nearly any wall surface.
WEIGHT	Net 110lbs / Shipping 300 lbs (pair).
WARRANTY	Five year guarantee against defects in materials and workmanship. Factory repair service for parts in warranty. Union label. UL Certified.

STANDARD VARIATIONS - *Add suffix to model number in order that they appear below (see examples on next page)*	
Model + RV2	Radio upgrade. 2.4 GHz spread spectrum, 1500' expected range. NOTE: Radio upgrade is usually unneccessary as Stat Panels are traditionally wired to a main scorebaord via CAT5 cable(s).

EXAMPLES OF VARIATIONS

This page shows samples of Stat Panels, designed to be paired with the 8218 family of scoreboards. For more information on each specific model, refer to the proper specification sheet.



8201SP - *(Basketball)*

8601ASP - *(Volleyball/Basketball)*

8601XSP - *(Volleyball/Basketball)*

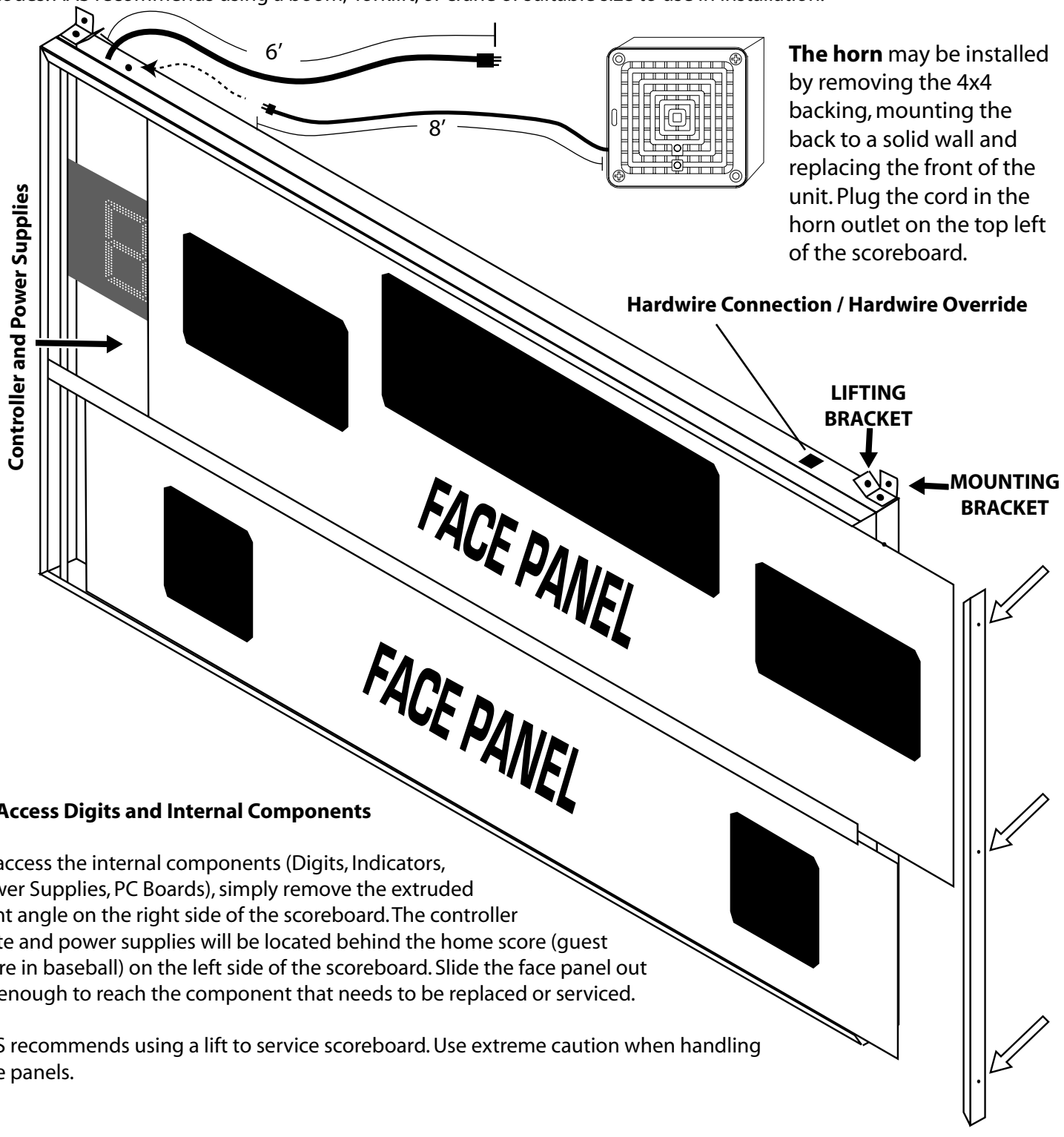
INDOOR SCOREBOARD INSTALLATION

REFER TO ENGINEERED DRAWINGS FOR ACTUAL MEASUREMENTS

Scoreboard MUST be mounted in at least 4 points. Mounting Brackets are supplied on the top and bottom of scoreboard. Refer to supplied engineering drawing for proper measurements and number of mounting points.

Using lifting angle (attached to top mounting brackets), lift scoreboard to desired location and bolt to wall. Because wall types may vary, type of bolt cannot be recommended nor supplied by All American Scoreboards. Refer to scoreboard weight and wall type before determining installation method. In rare cases, additional structure may be necessary. All American Scoreboards (AAS) and/or Everbrite, LLC shall not be held liable for improper installation.

AAS recommends the scoreboard be installed by a licensed contractor, and must meet all local and national building codes. AAS recommends using a boom, forklift, or crane of suitable size to use in installation.



The horn may be installed by removing the 4x4 backing, mounting the back to a solid wall and replacing the front of the unit. Plug the cord in the horn outlet on the top left of the scoreboard.

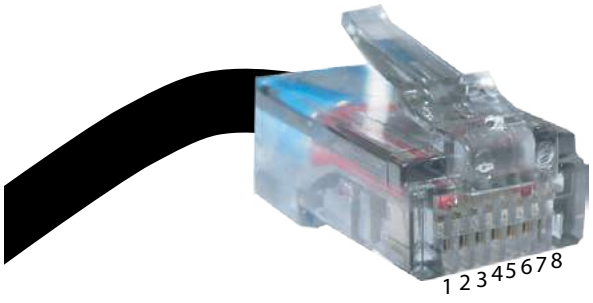
To Access Digits and Internal Components

To access the internal components (Digits, Indicators, Power Supplies, PC Boards), simply remove the extruded front angle on the right side of the scoreboard. The controller plate and power supplies will be located behind the home score (guest score in baseball) on the left side of the scoreboard. Slide the face panel out far enough to reach the component that needs to be replaced or serviced.

AAS recommends using a lift to service scoreboard. Use extreme caution when handling face panels.

Hard Wire Setup / Hardwire Override Capable

Using a Dual Capable Junction Box

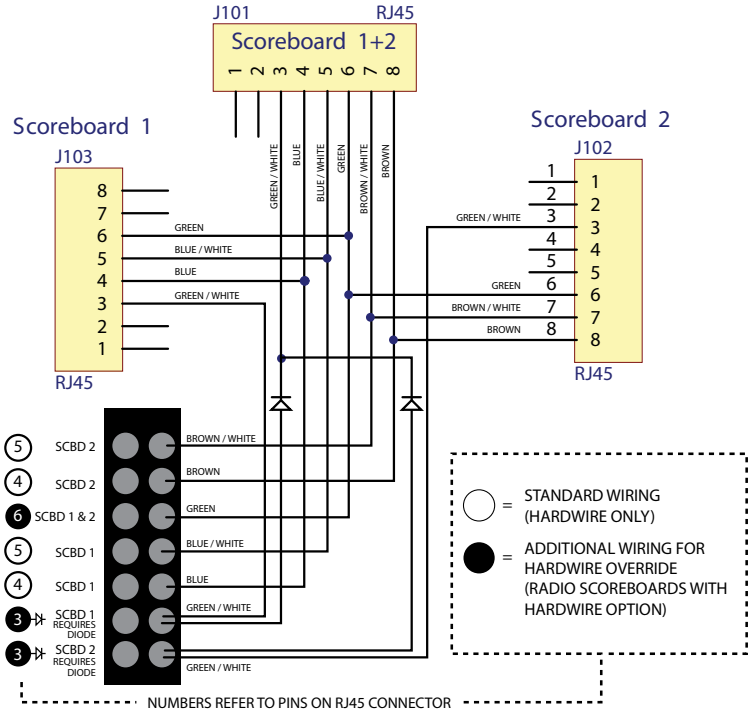


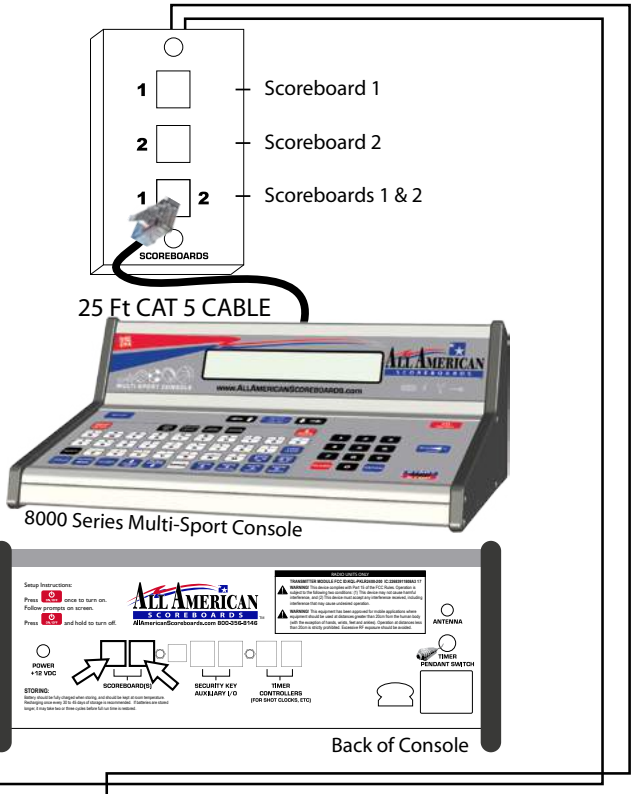
Male RJ45 Connector

All radio scoreboards have the ability to be used via hardwire. When installed properly, the radio on the scoreboard will turn off when a console is plugged into the hardwire input (console still sends radio signal). Data travels over leads 4 & 5, while the hardwire override signal travels over 3 & 6. **A Radio board may also pass data to a hardwired board using The same wiring methods.**

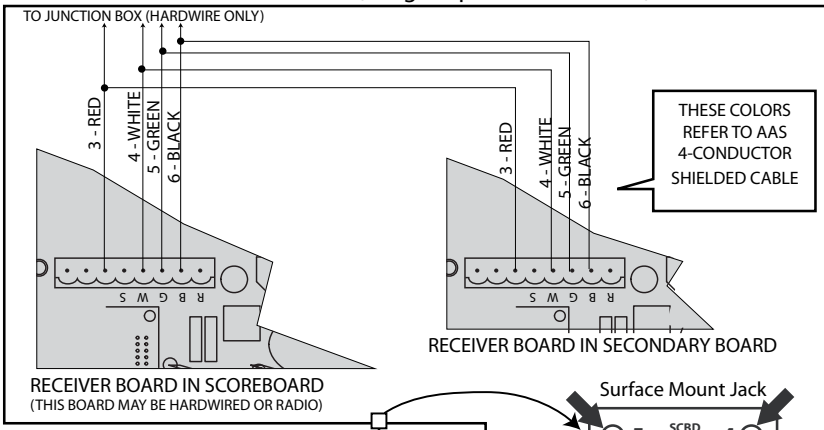
The 8000 Series Console can plug directly into the scoreboard via a standard CAT5 cable and RJ45 connections. It may be necessary or convenient to use a data splitter.

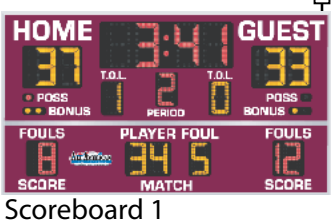
Outdoor boards will require a water tight junction box. Data connections will be directly connected to the receiver board in scoreboard. Data connection and AC power cannot run in same conduit.





4 Conductor Twisted Data Cable (Length Specified w/ Order)

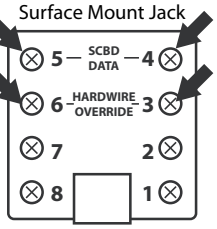




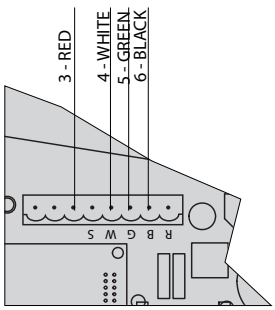
Scoreboard 1

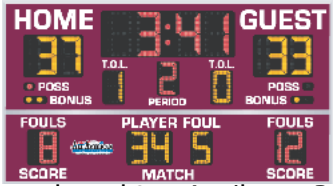
*Actual scoreboard configurations may differ.

Secondary Scoreboard, Stat Panel, Etc.



4 Conductor Twisted Data Cable (Length Specified w/ Order)





Scoreboard 2 or Auxilarary Board
(Scoreboard, Timer, Pitch Count, Shot Clock, etc)

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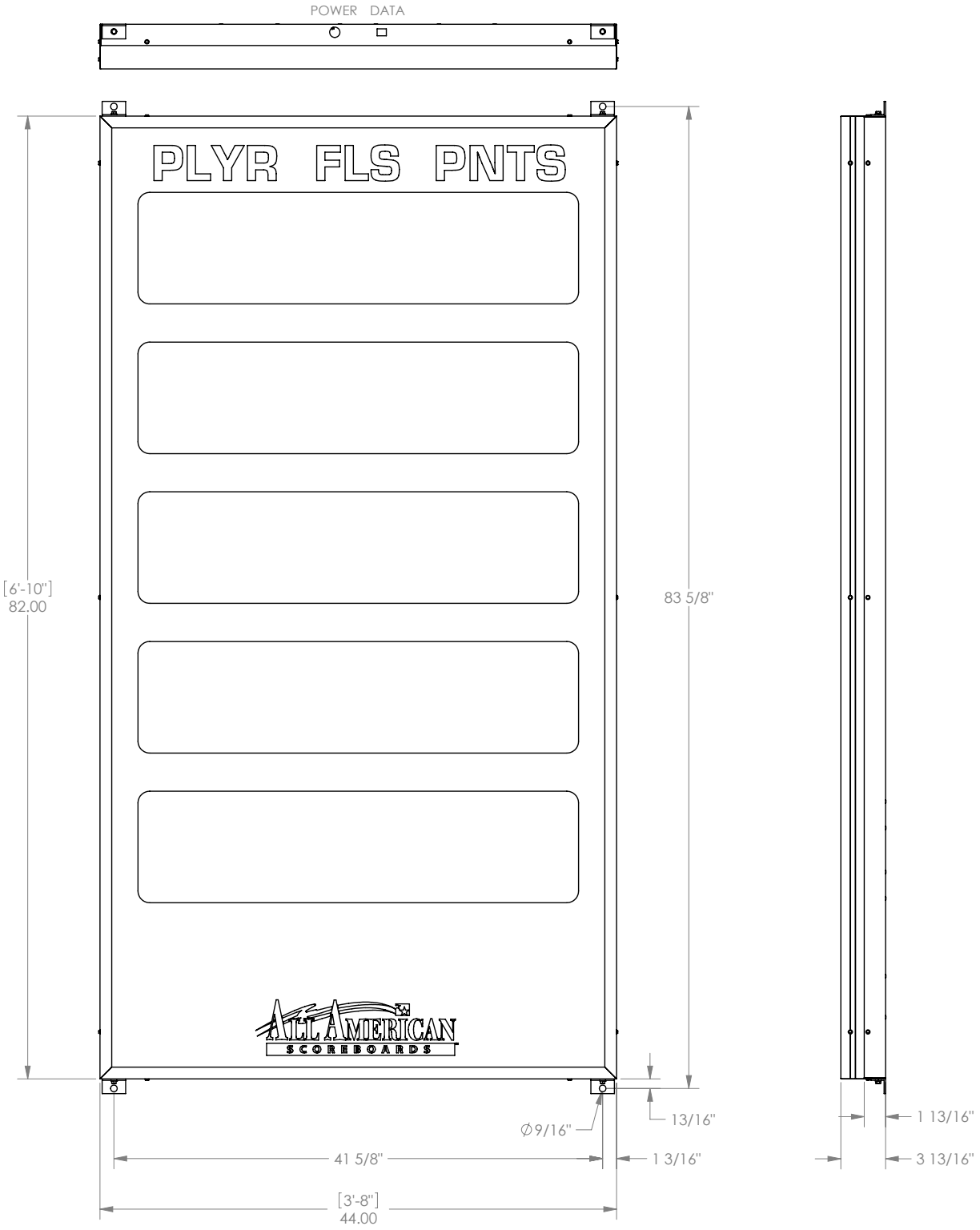

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PRODUCT SPECIFICATIONS
TYPICAL INDOOR SPONSOR PANEL INSTALLATION