Portable LED
Basketball Scoreboards

Display Manual

ED-13315
Rev 2 – 14 December 2010

Models
BB-114
BB-314
Please fill in the information below to use for reference when calling Daktronics for assistance.

Display Serial No.______________________________________________________________

Display Model No.______________________________________________________________

Date Installed_______________________________________________________________
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Before Contacting Daktronics

Shipping Address

Daktronics Warranty and Limitation of Liability
Section 1: Introduction

This manual explains the installation, maintenance, and troubleshooting of Daktronics portable LED basketball scoreboards. For additional information regarding the safety, installation, operation, or service of this system, refer to the telephone numbers listed in Section 4.5. This manual is not specific to a particular installation.

Important Safeguards:

- Please read and understand all instructions before beginning the installation process.
- Do not drop control equipment or allow it to get wet.
- Do not disassemble control equipment or electronic controls of the display; failure to follow this safeguard will make the warranty null and void.
- Disconnect display power when not in use or when servicing.
- Disconnect display power before servicing power supplies to avoid electrical shock. Power supplies run on high voltage and may cause physical injury if touched while powered.
- Do not modify the scoreboard structure or attach any panels or coverings to the scoreboard without the express written consent of Daktronics, Inc.

Project-specific information takes precedence over any other general information found in this manual.

1.1 Resources

Figure 1 illustrates a Daktronics drawing label. The drawing number is located in the lower-right corner of a drawing. This manual refers to drawings by listing the last set of digits and the letter preceding them. In the example, the drawing would be referred to as Drawing C-325405.

Reference Drawing:

System Riser Diagram ................................................................. Drawing C-325405

Daktronics identifies manuals by the DD or ED number located on the cover page of each manual. For example, this manual would be referred to as ED-13315.

Please list the model number, display serial number, and the date this display became operational in the blanks provided on the second page of this manual. When calling Daktronics customer service, please have this information available to ensure the request is serviced as quickly as possible.
1.2 Daktronics Nomenclature

The serial and model numbers of a Daktronics scoreboard can be found on the ID label on the display as shown in Figure 2.

![Scoreboard ID Label](image)

Figure 2: Scoreboard ID Label

Most components within this display carry a white label that lists the part number of the unit. If a component is not found in the Replacement Parts List in Section 4.3, use the label to order a replacement. Figure 3 illustrates a typical label. The part number is in bold.

### Main Component Labels

<table>
<thead>
<tr>
<th>Part Type</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual circuit board</td>
<td>0P-XXXX-XXXX</td>
</tr>
<tr>
<td>Assembly; a collection of circuit boards</td>
<td>0A-XXXX-XXXX</td>
</tr>
<tr>
<td>Wire or cable</td>
<td>W-XXXX</td>
</tr>
<tr>
<td>Fuse</td>
<td>F-XXXX</td>
</tr>
<tr>
<td>Transformer</td>
<td>T-XXXX</td>
</tr>
<tr>
<td>Metal part</td>
<td>M-XXX</td>
</tr>
<tr>
<td>Fabricated metal assembly</td>
<td>0S-XXXXXX</td>
</tr>
<tr>
<td>Specially ordered part</td>
<td>PR-XXXXXX-X</td>
</tr>
</tbody>
</table>

### Accessory Labels

<table>
<thead>
<tr>
<th>Component</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Termination block for power or signal cable</td>
<td>TBXX</td>
</tr>
<tr>
<td>Grounding point</td>
<td>EXXX</td>
</tr>
<tr>
<td>Power or signal jack</td>
<td>JXX</td>
</tr>
<tr>
<td>Power or signal plug for the opposite jack</td>
<td>PXX</td>
</tr>
</tbody>
</table>

Following the Replacement Parts List is the Daktronics Exchange Policy and the Repair & Return Program. Refer to these instructions if replacing or repairing any display component.

1.3 Model Number

Daktronics scoreboards are differentiated by their model numbers and two-letter prefixes for each sport. Most Daktronics scoreboards also carry a two-number suffix that refers to the type of power supply and digit type.

| BB Basketball                  | -13 | 120 V, with PanaView digits |
|                               | -14 | 230 V, with PanaView digits |
1.4 Control Consoles

Daktronics portable LED basketball scoreboards are designed for use with All Sport® 100, 5000, and 5500 series control consoles. All controllers use keyboard overlays (sport inserts) to control numerous sports and scoreboard models. Refer to the following manuals for operating instructions:

<table>
<thead>
<tr>
<th>Model</th>
<th>Control Console</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB-114</td>
<td>All Sport 5000 Series Control Console Operations Manual (ED-11976)</td>
</tr>
<tr>
<td></td>
<td>All Sport 100 Control Console Operations Manual (ED-13432)</td>
</tr>
<tr>
<td>BB-314</td>
<td>All Sport 5500 Series Control Console Operations Manual (ED-16809)</td>
</tr>
</tbody>
</table>

Section 2: Specifications

This section lists all of the mechanical specifications, circuit specifications and maximum power requirements for each scoreboard model in alphanumerical order.

- Models with a -13 suffix operate at 120 V AC.
- Models with a -14 suffix operate at 230 V AC.

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions: Height, Width, Depth</th>
<th>Weight</th>
<th>Watts</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB-114-13</td>
<td>H1'-6&quot;, W3'-0&quot;, D6&quot; (457 mm, 914 mm, 152 mm)</td>
<td>20 lb (9 kg)</td>
<td>40 W</td>
<td>0.3 A</td>
</tr>
<tr>
<td>BB-114-14</td>
<td>H1'-6&quot;, W3'-0&quot;, D6&quot; (457 mm, 914 mm, 152 mm)</td>
<td>20 lb (9 kg)</td>
<td>40 W</td>
<td>0.2 A</td>
</tr>
<tr>
<td>BB-314-13</td>
<td>H1'-6&quot;, W3'-0&quot;, D6&quot; (457 mm, 914 mm, 152 mm)</td>
<td>20 lb (9 kg)</td>
<td>40 W</td>
<td>0.3 A</td>
</tr>
</tbody>
</table>
Section 3: Mechanical & Electrical Installation

Reference Drawings:
Mechanical Spec, BB-114/314-13................................................................. Drawing A-164217
Electrical & Signal Spec, BB-114/314-13..................................................... Drawing A-164222

3.1 Mechanical Installation

While the scoreboards in this manual are portable, they may also be permanently mounted to a wall using the brackets provided by Daktronics. Drawing A-164217 includes details for wall mounting.

The scoreboards in this manual are equipped with a handle on the top for easy transport.

Note: The handles are designed for carrying only and are not to be used as a temporary hanger or for permanent mounting.

3.2 Power & Signal

Route all power and signal connection cables to and from the back of the display through the channel on the back of the display, as illustrated in Drawing A-164217.

Power for the display is provided via a standard 120 V AC circuit. Signal is provided via 2-pair, shielded cable, 22 AWG.

The display will not power on unless connected to an All Sport controller. Drawing A-164222 depicts the signal connection jacks located on the rear of the display.

The display is equipped with a ¼" phono jack to connect to the All Sport 5000 (BB-114) and All Sport 5500 (BB-314) control consoles (Figure 4).

1. Plug the phono cable into the J31 jack on the rear of the display.
2. Plug the other end of the cable into the J1, J2, or J3 jack of the console.

![Figure 4: All Sport 5000/5500 Setup](image-url)
The display is also equipped with a 4-pin XLR jack to connect the All Sport 100 hand-held controller to the BB-114 scoreboard only (Figure 5).

1. Plug the 4-pin end of the control cable into the XLR J32 jack at the rear of the BB-114.
2. Plug the other end of the control cable into the 9-pin jack on the top of the controller.

The XLR cable transmits both signal output to the scoreboard and power input to the control console. Extension XLR cables are available from Daktronics.

*Figure 5: All Sport 100 Setup*
Section 4: Maintenance & Troubleshooting

IMPORTANT NOTES:

1. Disconnect power before doing any repair or maintenance work on the display.

2. Permit only qualified service personnel to access internal display electronics.

3. Disconnect power when not using the display.

4.1 Component Location & Access

Reference Drawings:
Schematic; MDP Portable Scoreboard ................................................. Drawing A-162968
Electrical & Signal Spec, BB-114/314-13 .............................................. Drawing A-164222

Drawing A-164222 shows front and back views of the display, the location of vital components, as well as the location of the hardware used to attach those components.

To gain access to the internal components of the display, simply remove the screws securing the front panels. Drawing A-162968 illustrates the schematic diagram of the power and signal input wiring.

4.2 Replacing Digits

The display features four individual digit circuit boards which are mounted to the back of the two front panels.

Note: In the case of a malfunctioning board, replace the entire digit circuit board. Do not attempt to remove individual LEDs.

To remove a scoreboard digit circuit board:

1. Remove the screws of the front panel that contains the malfunctioning digit.
2. Disconnect the power/signal connector from the back of the digit board. Release the connector by squeezing together the locking tabs while pulling the connector free.
3. Remove the nuts and lift the digit circuit board off the standoff screws.
4. Position a new digit circuit board over the standoff screws and tighten the nuts.
5. Reconnect the power/signal connector.

Note: This is a keyed connector and it will attach in one way only. Do not attempt to force the connection.

6. Replace the front panel and fasten on the screws.
4.3 Replacement Parts

Refer to the following table for replacement parts.

<table>
<thead>
<tr>
<th>Description</th>
<th>Daktronics Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clock Section, Amber</td>
<td>0P-1388-0104</td>
</tr>
<tr>
<td>Score Digits, Red</td>
<td>0P-1150-0231</td>
</tr>
<tr>
<td>Period Digit, Amber</td>
<td>0P-1150-0232</td>
</tr>
<tr>
<td>Transformer</td>
<td>T-1082</td>
</tr>
<tr>
<td>Horn</td>
<td>DS-1210</td>
</tr>
<tr>
<td>Power Cord</td>
<td>W-1111</td>
</tr>
<tr>
<td>All Sport 100 Control Cable</td>
<td>0A-1196-0095</td>
</tr>
</tbody>
</table>

4.4 Troubleshooting

This section lists potential problems with the display and indicates possible causes. This list does not include every possible problem, but does represent some of the more common situations that may occur.

<table>
<thead>
<tr>
<th>Symptom/Condition</th>
<th>Possible Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display will not light</td>
<td>▪ Console not connected or poor connection</td>
</tr>
<tr>
<td></td>
<td>▪ No power to the control console</td>
</tr>
<tr>
<td></td>
<td>▪ No power to the display</td>
</tr>
<tr>
<td>Garbled display</td>
<td>▪ Control console malfunction</td>
</tr>
<tr>
<td></td>
<td>▪ Driver malfunction</td>
</tr>
<tr>
<td>Digit will not light</td>
<td>▪ Black wire to digit broken</td>
</tr>
<tr>
<td></td>
<td>▪ Poor contact at digit connection</td>
</tr>
<tr>
<td>Segment will not light</td>
<td>▪ Broken LED or connection</td>
</tr>
<tr>
<td></td>
<td>▪ Broken wire between driver and digit</td>
</tr>
<tr>
<td></td>
<td>▪ Poor contact at driver connection</td>
</tr>
<tr>
<td>Segment stays lit</td>
<td>▪ Short circuit on digit</td>
</tr>
</tbody>
</table>
4.5 Daktronics Exchange and Repair & Return Programs

Exchange Program
The Daktronics Exchange Program is a quick, economical service for replacing key components in need of repair. If a component fails, Daktronics sends a replacement part to the customer who, in turn, returns the failed component to Daktronics. This not only saves money but also decreases equipment downtime. Customers who follow the program guidelines explained below will receive this service.

Before Contacting Daktronics
Identify these important numbers:

| Display Serial Number: _______________________________ |
| Display Model Number: _______________________________ |
| Contract Number: ___________________________________ |
| Date Installed: _____________________________________ |
| Daktronics Customer ID Number: ________________________ |

To participate in the Exchange Program, follow these steps.


<table>
<thead>
<tr>
<th>Market Description</th>
<th>Customer Service Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schools (primary through community/junior colleges), religious organizations,</td>
<td>877-605-1115</td>
</tr>
<tr>
<td>municipal clubs and community centers</td>
<td></td>
</tr>
<tr>
<td>Universities and professional sporting events, live events for auditoriums and</td>
<td>866-343-6018</td>
</tr>
<tr>
<td>arenas</td>
<td></td>
</tr>
</tbody>
</table>

2. When the new exchange part is received, mail the old part to Daktronics.

3. If the replacement part fixes the problem, send in the problem part which is being replaced.
   a. Package the old part in the same shipping materials in which the replacement part arrived.
   b. Fill out and attach the enclosed UPS shipping document.
   c. Ship the part to Daktronics.

4. A charge will be made for the replacement part immediately, unless a qualifying service agreement is in place. In most circumstances, the replacement part will be invoiced at the time it is shipped.

   If the failed part or replacement part is not returned to Daktronics within 3 weeks of the ship date, Daktronics will assume that the customer is purchasing the replacement part and will send an invoice for the value of the new sale part. If the part or parts are returned within 2 weeks of the second invoice date, Daktronics will credit the customer for the second invoice.
If after 2 weeks Daktronics has still not received the parts back, the customer must pay the second invoice and will not be credited for the return of the failed part. Daktronics reserves the right to refuse parts that have been damaged due to acts of nature or causes other than normal wear and tear.

**Repair & Return Program**
For items not subject to exchange, Daktronics offers a Repair & Return Program. To send a part for repair, follow these steps:

1. **Call or fax Daktronics Customer Service:**
   Refer to the appropriate market number in the chart listed on the previous page.

2. **Receive a Return Materials Authorization (RMA) number before shipping.**
   This expedites repair of the part.

3. **Package and pad the item carefully to prevent damage during shipment.**
   Electronic components, such as printed circuit boards, should be placed in an antistatic bag before boxing. Daktronics does not recommend using packing 'peanuts' when shipping.

4. **Enclose:**
   - name
   - address
   - phone number
   - the RMA number
   - a clear description of symptoms

**Shipping Address**
Daktronics Customer Service
RMA #
201 Daktronics Drive, Dock E
Brookings, SD 57006

Fax: 605-697-4444

**Daktronics Warranty and Limitation of Liability**
The Daktronics Warranty and Limitation of Liability is located in Appendix B. The Warranty is independent of Extended Service agreements and is the authority in matters of service, repair, and display operation.
Appendix A:  Reference Drawings

Schematic; MDP Portable Scoreboard........................................................................... Drawing A-162968
Mechanical Spec, BB-114/314-13.................................................................................... Drawing A-164217
Electrical & Signal Spec, BB-114/314-13........................................................................ Drawing A-164222
WALL MOUNTING PROCEDURE

1. ATTACH WALL MOUNTING BRACKETS TO THE HOLES IN THE BACK OF THE SCOREBOARD USING THE SCREWS PROVIDED. BE SURE THAT THE PAINTED SIDE IS TO THE FRONT. BE CAREFUL NOT TO OVER-TIGHTEN THE SCREWS.

2. SECURE THE BRACKETS TO THE WALL WITH #10 OR 1/4" HARDWARE.

3. ROUTE THE POWER AND SIGNAL CORDS OUT THROUGH THE GROOVES IN THE BACK WHEN THE SCOREBOARD IS HUNG ON THE WALL.

REAR VIEW
(WALL MOUNTING DETAIL)

WEIGHTS

<table>
<thead>
<tr>
<th></th>
<th>SHIPPING WEIGHT</th>
<th>MOUNTING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25 LBS (11 KG)</td>
<td>20 LBS (9 KG)</td>
</tr>
</tbody>
</table>

THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS, INCLUDING ELECTRONICALLY WITHOUT THE EXPRESSED WRITTEN CONSENT OF DAKTRONICS, INC. COPYRIGHT 2009 DAKTRONICS, INC.

DAKTRONICS, INC. BROOKINGS, SD 57006

PROJ: STANDARD INDOOR LED SCOREBOARDS

TITLE: MECHANICAL SPEC- BB-114/314-13

DES. BY: BPETerson DRAWN BY: BPETerson DATE: 15MAR02

REVISION APPR. BY: 01

SCALE: 1=10

1152-E08A-164217
DIGIT AND SIGNAL SPECIFICATIONS:

NOTES:
1. THE NUMBER LISTED BY EACH DIGIT INDICATES THE DIGIT DESIGNATION IN RELATION TO THE LED DRIVER.
2. DO NOT WORK ON ENERGIZED DISPLAY UNLESS YOU ARE A CERTIFIED ELECTRICIAN OR DIRECTED BY DAKTRONICS.

ADDRESS INFORMATION
DRIVER: A1
ADDRESS: 17

COMPONENT LOCATIONS:

DIGITS:
CLOCK: 5” AMBER
SCORE: 5” RED
PERIOD: 5” AMBER
POSSESSION: RED ARROW
BONUS: AMBER ARROW

DRIVER COMPONENTS LOCATED BEHIND THIS PANEL REMOVE SIX SCREWS FOR ACCESS.

TRANSFORMER (T1) LOCATED BEHIND THIS PANEL

4 PIN FEM XLR (J32)

POWER IN (P41)

REAR VIEW

THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS, INCLUDING ELECTRONICALLY WITHOUT THE EXRESSED WRITTEN CONSENT OF DAKTRONICS, INC. COPYRIGHT 2009 DAKTRONICS, INC.

DAKTRONICS, INC. BROOKINGS, SD 57006

PROJECT: STANDARD INDOOR LED SCOREBOARDS
TITLE: ELECTRICAL AND SIGNAL SPEC-BB-114/314-13

DES. BY: BPETSON DRAWN BY: BPETSON DATE: 15MAR02

REVISION APPR. BY: 01 SCALE: 1=10 1152-E08A-164222
Appendix B: Daktronics Warranty and Limitation of Liability
DAKTRONICS
WARRANTY AND LIMITATION OF LIABILITY

This Warranty and Limitation of Liability (the “Warranty”) sets forth the warranty provided by Daktronics with respect to the Equipment. By accepting delivery of the Equipment, Purchaser agrees to be bound by and accept these terms and conditions. All defined terms within the Warranty shall have the same meaning and definition as provided elsewhere in the Agreement.

DAKTRONICS WILL ONLY BE OBLIGATED TO HONOR THE WARRANTY SET FORTH IN THESE TERMS AND CONDITIONS UPON RECEIPT OF FULL PAYMENT FOR THE EQUIPMENT.

1. Warranty Coverage
   A. Daktronics warrants to the original end-user that the Equipment will be free from Defects (as defined below) in materials and workmanship for a period of one (1) year (the “Warranty Period”). The warranty period shall commence on the earlier of: (i) four weeks from the date that the equipment leaves Daktronics’ facility; or (ii) Substantial Completion as defined herein. The warranty period shall expire on the first anniversary of the commencement date.

   “Substantial Completion” means the operational availability of the Equipment to the Purchaser in accordance with the Equipment’s specifications, without regard to punch-list items, or other non-substantial items which do not affect the operation of the Equipment.

   B. Daktronics’ obligation under this Warranty is limited to, at Daktronics’ option, replacing or repairing, any Equipment or part thereof that is found by Daktronics not to conform to the Equipment’s specifications. Unless otherwise directed by Daktronics, any defective part or component shall be returned to Daktronics for repair or replacement. Daktronics may, at its option, provide on-site warranty service. Daktronics shall have a reasonable period of time to make such replacements or repairs and all labor associated therewith shall be performed during regular working hours. Regular working hours are Monday through Friday between 8:00 a.m. and 5:00 p.m. at the location where labor is performed, excluding any holidays observed by either Purchaser or Daktronics.

   C. Daktronics shall pay ground transportation charges for the return of any defective component of the Equipment. If returned Equipment is repaired or replaced under the terms of this warranty, Daktronics will prepay ground transportation charges back to Purchaser; otherwise, Purchaser shall pay transportation charges to return the Equipment back to the Purchaser. All returns must be pre-approved by Daktronics before shipment. Daktronics shall not be obligated to pay freight for any unapproved return. Purchaser shall pay any upgraded or expedited transportation charges.

   D. Any replacement parts or Equipment will be new or serviceably used, comparable in function and performance to the original part or Equipment, and warranted for the remainder of the Warranty Period. Purchasing additional parts or Equipment from the Seller does not extend this Warranty Period.

   E. Defects shall be defined as follows. With regard to the Equipment (excepting LEDs), a “Defect” shall refer to a material variance from the design specifications that prohibit the Equipment from operating for its intended use. With respect to LEDs, “Defects” are defined as LED pixels that cease to emit light. The limited warranty provided by Daktronics does not impose any duty or liability upon Daktronics for partial LED pixel degradation. Nor does the limited warranty provide for the replacement or installation of communication methods including but not limited to, wire, fiber optic cable, conduit, trenching, or for the purpose of overcoming local site interference radio equipment substitutions.

   This limited warranty is the only warranty applicable to the Equipment and replaces all other warranties or conditions, express or implied, including, but not limited to, the implied warranties or conditions of merchantability and fitness for a particular purpose. Specifically, except as provided herein, the Seller undertakes no responsibility for the quality of the Equipment or that the Equipment will be fit for any particular purpose for which Purchaser may be buying the Equipment. Any implied warranty is limited in duration to the Warranty Period. No oral or written information, or advice given by the Company, its agents or employees, shall create a warranty or in any way increase the scope of this limited warranty.

   This limited warranty is not transferable.

2. Exclusion from Warranty Coverage
   The limited warranty provided by Daktronics does not impose any duty or liability upon Daktronics for:

   A. Any damage occurring, at any time, during shipment of Equipment unless otherwise provided for in the Agreement. When returning Equipment to Daktronics for repair or replacement, Purchaser assumes all risk of loss or damage, and agrees to use any shipping containers that might be provided by Daktronics and to ship the Equipment in the manner prescribed by Daktronics;

   B. Any damage caused by the unauthorized adjustment, repair or service of the Equipment by anyone other than personnel of Daktronics or its authorized repair agents;

   C. Damage caused by the failure to provide a continuously suitable environment, including, but not limited to: (i) neglect or misuse, (ii) a failure or sudden surge of electrical power, (iii) improper air conditioning or humidity control, or (iv) any other cause other than ordinary use;
D. Damage caused by fire, flood, earthquake, water, wind, lightning or other natural disaster, strike, inability to obtain materials or utilities, war, terrorism, civil disturbance or any other cause beyond Daktronics’ reasonable control;

E. Failure to adjust, repair or replace any item of Equipment if it would be impractical for Daktronics personnel to do so because of connection of the Equipment by mechanical or electrical means to another device not supplied by Daktronics, or the existence of general environmental conditions at the site that pose a danger to Daktronics personnel;

F. Any statements made about the product by salesmen, dealers, distributors or agents, unless such statements are in a written document signed by an officer of Daktronics. Such statements as are not included in a signed writing do not constitute warranties, shall not be relied upon by Purchaser and are not part of the contract of sale;

G. Any damage arising from the use of Daktronics products in any application other than the commercial and industrial applications for which they are intended, unless, upon request, such use is specifically approved in writing by Daktronics; or

H. Any performance of preventive maintenance.

3. **Limitation of Liability**

Daktronics shall be under no obligation to furnish continued service under this Warranty if alterations are made to the Equipment without the prior written approval of Daktronics.

It is specifically agreed that the price of the Equipment is based upon the following limitation of liability. In no event shall Daktronics (including its subsidiaries, affiliates, officers, directors, employees, or agents) be liable for any special, consequential, incidental or exemplary damages arising out of or in any way connected with the Equipment or otherwise, including but not limited to damages for lost profits, cost of substitute or replacement equipment, down time, lost data, injury to property or any damages or sums paid by Purchaser to third parties, even if Daktronics has been advised of the possibility of such damages. The foregoing limitation of liability shall apply whether any claim is based upon principles of contract, tort or statutory duty, principles of indemnity or contribution, or otherwise.

In no event shall Daktronics be liable to Purchaser or any other party for loss, damage, or injury of any kind or nature arising out of or in connection with this Warranty in excess of the purchase price of the Equipment actually delivered to and paid for by the Purchaser. The Purchaser’s remedy in any dispute under this Warranty shall be ultimately limited to the Purchase Price of the Equipment to the extent the Purchase Price has been paid.

4. **Assignment of Rights**

The Warranty contained herein extends only to the original end-user (which may be the Purchaser) of the Equipment and no attempt to extend the Warranty to any subsequent user-transferee of the Equipment shall be valid or enforceable without the express written consent of Daktronics.

5. **Dispute Resolution**

Any dispute between the parties will be resolved exclusively and finally by arbitration administered by the American Arbitration Association (“AAA”) and conducted under its rules, except as otherwise provided below. The arbitration will be conducted before a single arbitrator. The arbitration shall be held in Brookings, South Dakota. Any decision rendered in such arbitration proceedings will be final and binding on each of the parties, and judgment may be entered thereon in any court of competent jurisdiction. This arbitration agreement is made pursuant to a transaction involving interstate commerce, and shall be governed by the Federal Arbitration Act.

6. **Governing Law**

The rights and obligations of the parties under this warranty shall not be governed by the provisions of the United Nations Convention on Contracts for the International Sales of Goods of 1980. Both parties consent to the application of the laws of the State of South Dakota to govern, interpret, and enforce all of Purchaser and Daktronics rights, duties, and obligations arising from, or relating in any manner to, the subject matter of this Warranty, without regard to conflict of law principles.

7. **Availability of Extended Service Agreement**

For Purchaser’s protection, in addition to that afforded by the warranties set forth herein, Purchaser may purchase extended warranty services to cover the Equipment. The Extended Service Agreement, available from Daktronics, provides for electronic parts repair and/or on-site labor for an extended period from the date of expiration of this warranty. Alternatively, an Extended Service Agreement may be purchased in conjunction with this warranty for extended additional services. For further information, contact Daktronics Customer Service at 1-877-605-1116.