

ACCUDART®

WHERE TECHNOLOGY TAKES FLIGHT™

VORTEX

LED SURROUND

STEEL TIP



NOTE: This Orb 360 Surround LED is designed to be used only with a 18" bristle sisal dartboard. The 360 Orb is NOT adjustable. The Orb 360 is NOT designed for use with Electronic Dartboards.

CPSIA#2-DA7900W- -HL
www.escaladesports.com

OWNER'S MANUAL

1. **Read this manual carefully before starting assembly.** Read each step completely before beginning each step.
2. **Check inside all parts and cartons before assembling or ordering parts.**
3. To make assembly as easy as possible, place all parts in a cleared area and remove the packaging material. Organize all parts as per parts identifier in the assembly manual. Do not dispose of the packing material until assembly is completed.
4. Assemble product on clean, level and flat surface.
5. **Take time to correctly orientate parts exactly as per each assembly diagram.**
6. **Save this instruction in the event that the manufacturer has to be contacted for replacement parts.**



CAUTION:

**READ ASSEMBLY, OPERATING AND
SAFETY INSTRUCTIONS CAREFULLY!**



WARNING

This is not a toy and is intended for use by or under the supervision of adults. Darts should only be thrown at the dart board. Ensure the flight path is clear of people or pets when playing this game. Impact from darts could cause physical harm, injury or property damage. Don't throw damaged darts.

Thank you for buying our product. We try hard to ensure that our products are of high quality and free of problems, such as Manufacturing defects or missing parts. However, if you have any problems with your new product, please **DO NOT RETURN IT TO THE STORE!**

Please Do Not Return This Product To The Store!

Contact Escalade Sports customer service department at:

Phone: 1-800-467-1421 Toll-Free!

Mailing Address (correspondence only):

Escalade Sports

PO Box 889

Evansville, Indiana 47706-0889

E-mail: customerservice@escaladesports.com

Physical Location:

Escalade Sports

817 Maxwell Ave.

Evansville, Indiana 47711

Please provide model number and/or part number of the product and/or part when you call or write. These numbers can be found on the product, packaging, and/or in this Owner's Manual.

Please visit our website at: www.escaladesports.com

ON-LINE TROUBLE SHOOTING

TECHNICAL ASSISTANCE

ON-LINE PARTS REQUESTS

FREQUENTLY ASKED QUESTIONS

ADDITIONAL ESCALADE SPORTS PRODUCT INFORMATION

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

"CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

First Time Battery Installation:

Locate battery compartment for this product.

Use alkaline batteries for maximum performance.

Using a small Phillips head screwdriver – loosen and remove the battery compartment cover screw(s).

Remove battery compartment cover.

Install new batteries only after reading the “ Battery Information NOTICE“ !

Replace compartment cover and secure cover with the cover screw. Do not over tighten and strip out the screw.

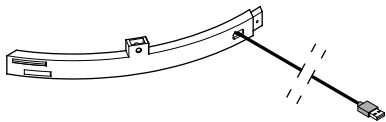
IMPORTANT: BATTERY INFORMATION

Please retain this information for future reference. Batteries must be installed / replaced by an adult .

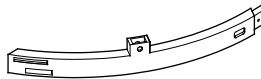
Notice:

1. Remove and replace batteries when the electrical features of this product work slowly or are not functional.
2. Do not mix old and new batteries.
3. Do not mix different types of batteries : Alkaline , Standard (Carbon-Zinc) , or rechargeable (Nickel-Cadmium batteries).
4. Use Alkaline Batteries for maximum performance.
5. Do not use damaged batteries.
6. Use only batteries of the same or equivalent type as recommended.
7. Install new batteries as per matching the battery polarity guide (+ & - , positive and negative) inside of the battery compartment. Correct battery polarity installation is critical as to not damage the internal electrical components as well as insuring the correct functionality of the product.
8. Do not short circuit the battery terminals.
9. Always remove exhausted, leaking, weak, and batteries from long periods of nonuse from the product. Battery leakage and corrosion can cause damage.
10. Check the battery terminals are clean and bright before installing new batteries.
11. Dispose of old batteries safely and per local battery disposal codes.
12. Do not dispose of batteries into a fire as they may explode or leak.
13. If removable rechargeable batteries are used , they are to be charged under adult supervision.
14. Rechargeable batteries are to removed from the product before they are charged.
15. If you use a battery charger, it should be examined regularly for damage to the cord, plug, enclosure, and other parts. Do not use a damaged or malfunctioning charger until it is properly repaired.
16. Non rechargeable batteries must not be recharged.
17. Always remove batteries from this product for extended storage and or non-use.
18. Should this product cause , or be affected by, local electrical interference, move it away from other electrical equipment. Reset (switching off and back on again and or removing and reinserting the batteries) if necessary.

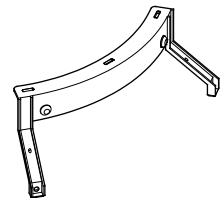
PARTS IDENTIFIER



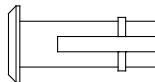
P1 - Illuminator Bar with USB Cable
1 pc



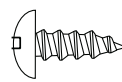
P2 - Illuminator Bar
5 pcs



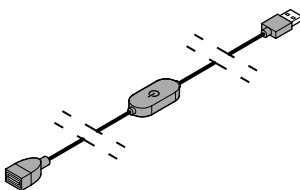
P3 - Support Bracket
3 pcs



P4 - Connecting Clip
6 pcs
(To Scale)



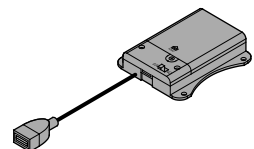
P5 - 3.5 x 12 mm
Phillips Head Screw
6 pcs (3 pcs for extra)
(To Scale)



P6 - ON/OFF Touch Sensor Switch
with USB Cable
1 pc



P7 - AC Adapter
1 pc



P8 - Battery Box
will require 3 AA batteries
(Batteries NOT-included)
1 pc
(Use will be optional)



Tools required:

- Phillips head screwdriver – Electric OK --- Low torque as to not strip out any screws.

Step.1

1. Please study **Figure 1** and **Figure 1A** to start.

2. Carefully, connect the male wire connector from one plastic illuminator bar to the female wire connector of another plastic illuminator bar.

As each wire connection is made, go ahead and carefully “snap” together the circular pieces of the illuminator ring. You should be able to hear a “clicking” sound as the illuminator ring parts snap together.

You will be connecting 5 pcs of **P2** Illuminator Bars and 1 pc of **P1** Illuminator Bar with USB cable to create a closed circular ring assembly.

NOTE: Make sure slots on plugs are turned correctly for correct installation. DO NOT FORCE THIS CONNECTION and a flashlight will be very helpful to study both the male plug and female Plug to insure a correct connection.

PARTS REQUIRED

1 pc - **P1** Illuminator Bar with USB Cable
5 pcs - **P2** Illuminator Bar

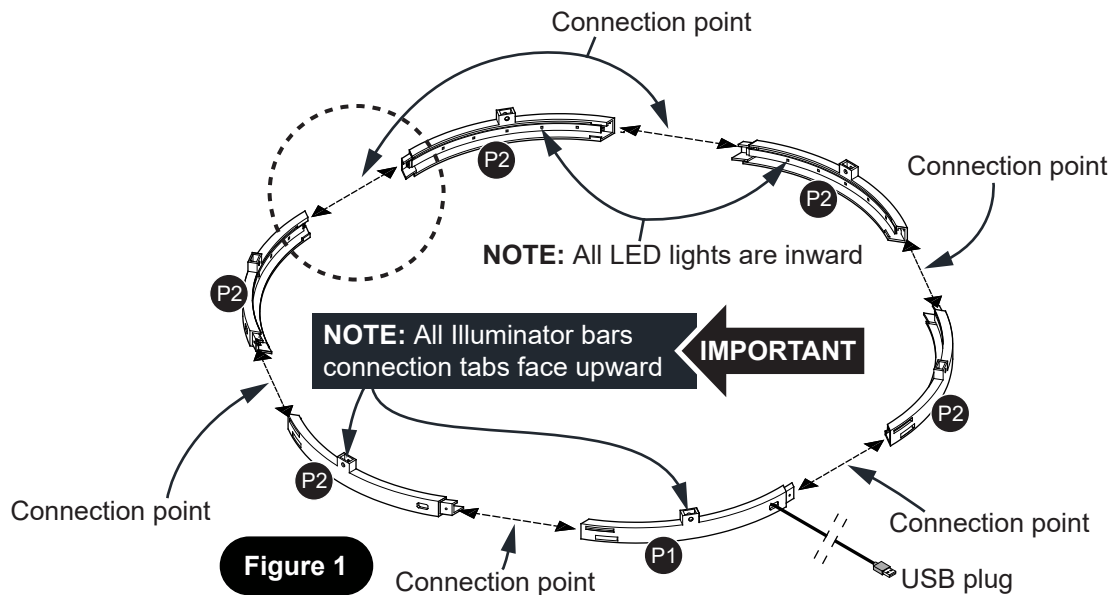


Figure 1

IMPORTANT

As a double check to the wiring connections, one could connect the 6 male / female wiring connectors and then connect the USB Plug to an AC outlet as per Step 6 to ensure all LED's are working correctly. Then, carefully snap connect the 6 pcs of illuminator bars together.

Step.2

Carefully attach the 3 pcs **P3** Support Brackets onto the connecting tabs on the **P1** & **P2** circular ring assembled in **Step 1**.

Note: The hole in each part must align with each other for latter assembly.

Please see **Figure 2**.

PARTS REQUIRED

3 pcs - **P3** Support Bracket

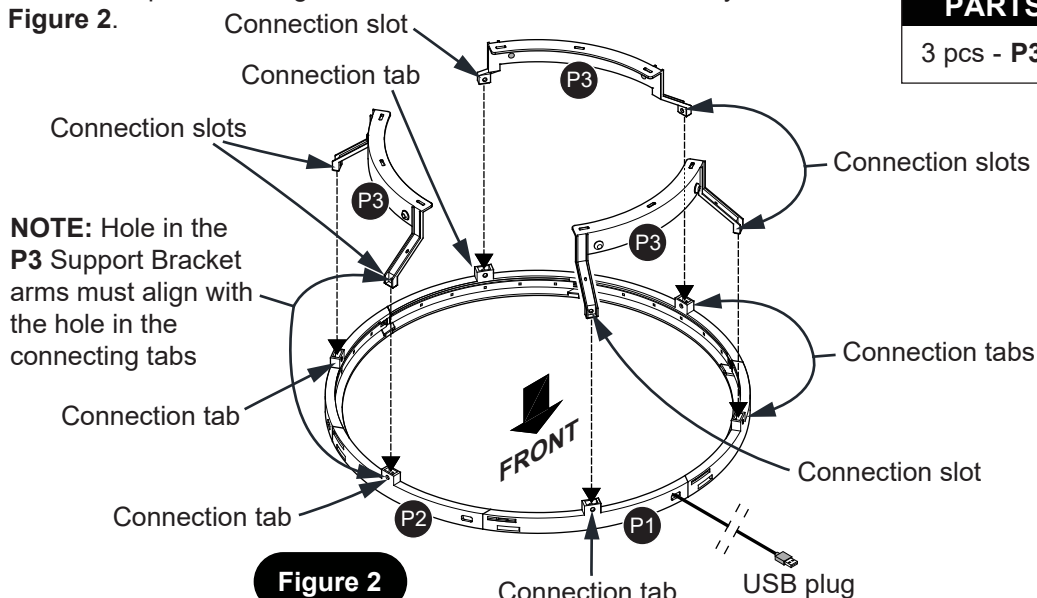


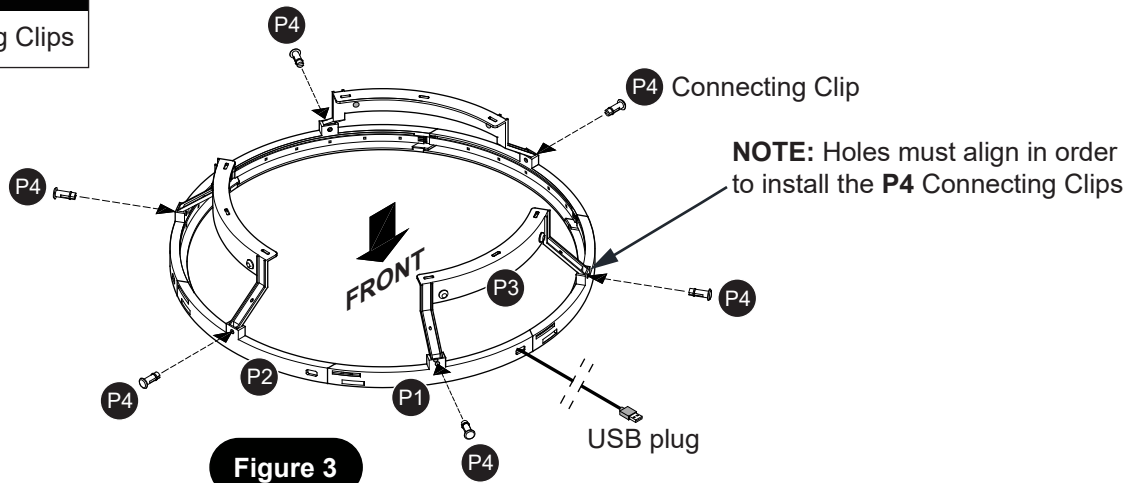
Figure 2

Step.3

Insert 6 pcs of the **P4** Connecting Clips, into the aligned holes from **Step 2** as per **Figure 3**, in order to secure all parts.

PARTS REQUIRED

6 pcs - **P4** Connecting Clips



Step.4

Note: This assembly step will require a cylindrical object from your home, such as a large bowl or cooking pan with a **diameter of 12" to 18"** and at least **5" tall**.

Next, place a cloth on top of the cylindrical object to protect both it and the dartboard.

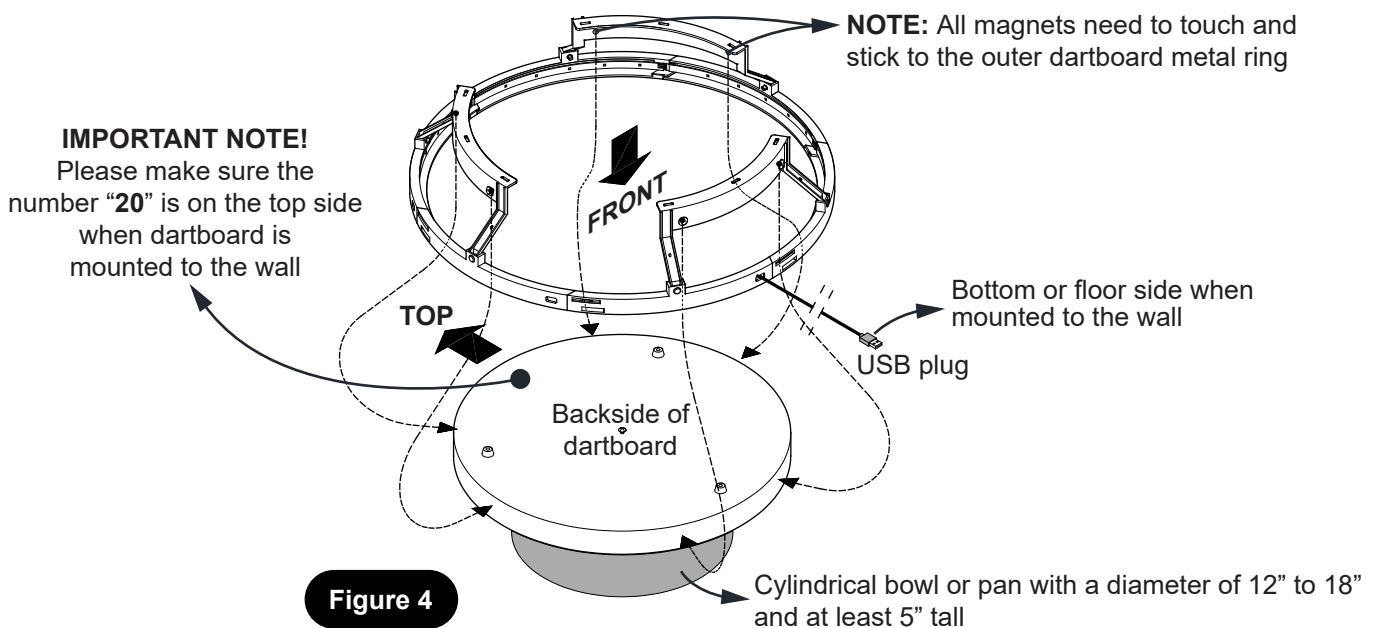
Note: Nighthawk 5.0 Bristle Sisal Dartboard should be assembled per its instructions prior to this Step 4.

Next, place the dartboard, right side down (face down) and balanced, onto the cylindrical object.

Next, top of the dartboard will be the **#20**, Bottom of the ORB will be the USB cord and plug (when installed on the Dartboard), and when all are mounted on the wall.

Next, carefully slip the ORB 360 assembly down and onto the dartboard allowing the ORB magnets to come into contact with the outer dart board metal ring. Carefully seat the ORB assembly completely onto the dartboard.

Please see **Figure 4**.



Step.5

Install 3 pcs **P5** Phillips Head Screws through **P3** Support Brackets holes and into the backside of the dartboard. Tighten, but do not strip out the screws. Please see **Figure 5**.

NOTE: THE **P5** SCREWS USED IN THIS **STEP 5** ARE THE PRIMARY DESIGN METHOD TO HOLD THE DARTBOARD ONTO THE 360 ORB. THE MAGNETS DISCUSSED IN **STEP 4** ARE SECONDARY AND MAY OR NOT CONNECT PERFECTLY WITH THE BRISTLEBOARD'S OUTER METAL RING. LESS THAN PERFECT IS STILL ACCEPTABLE AS SOME 18" BRISTLEBOARDS VARY IN DIAMETER.

PARTS REQUIRED

3 pcs - **P5** Phillips Head Screw

IMPORTANT NOTE!

Again, please make sure the number "20" is on the top side when dartboard is mounted to the wall

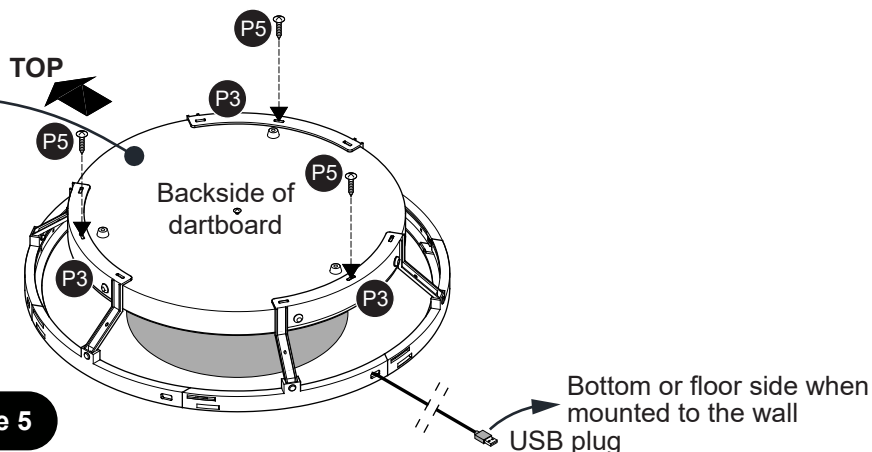


Figure 5

Step.6

NOTE: The dartboard hanging bracket, hardware, and instructions will be included with the bristle dartboard that will be purchased separately.

Connect the wire connector hanging from the bottom side of the ORB to the **P6** USB Cable with ON/OFF Touch Sensor Switch. Connect **P6** to the **P7** AC Adapter and plug adapter into a power outlet.

Please see **Figure 6**.

Note: This product comes with an optional "Battery Box" if an AC outlet is not close.

CONGRATULATIONS! YOU ARE NOW READY TO PLAY. HAVE FUN !

PARTS REQUIRED

1 pc - **P6** Touch Sensor Switch with USB Cable
1 pc - **P7** AC Adapter

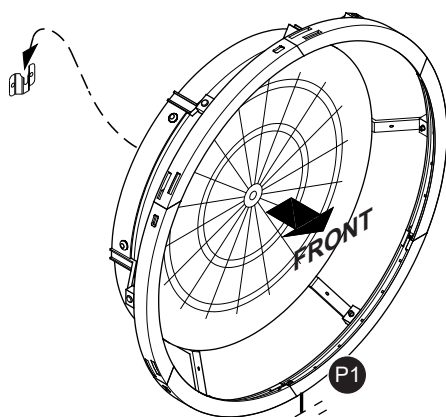


Figure 6

NOTE: Always place one hand on the dartboard when removing darts with the other hand.

Point of connection

2. Touch once here to turn on / off the LED
Touch and hold to adjust the brightness level

Point of connection

Optional: The **P8** Battery Box can be used here if an AC outlet is not close

1. Connect to the AC power outlet

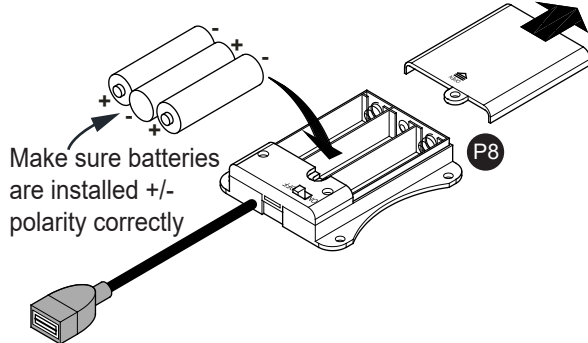
Step.7 Optional - Use of Battery Box

NOTE: Because of using battery operated will relatively shorter battery life, recommended to use AC Adapter that included in the set.

Install & replace batteries.

Install and replace the batteries (3 pcs AA batteries required and **NOT Included**)

Note: Recommended use Alkaline battery for brighter lighting and longer battery life.



- Remove the battery box from battery cover with remove the screw and then push backward to open the battery box.
- Place 3 pcs AA battery in the battery box.
- Attach back the battery cover and screw back the screw.
- Make sure the power switch on the battery box is in "OFF" position when not in use.

WARNING: Do not mix old and new batteries and do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries.

Connect the **P6** USB male port to the **P8** Battery Box. Turn on the switch on the battery box and then touch the power switch to turn on the LED.

Please see **Figure 7**.



PARTS REQUIRED

1 pc - **P8** Battery Box

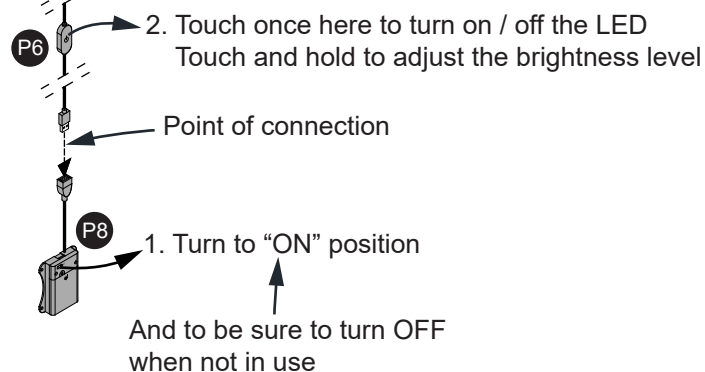


Figure 7

Operation of the ORB's LED Lights - Instructions:

NOTE: The AC Adaptor or battery pack will need to be plugged in as a power source for the LED Lights.

1. Touch and lightly press the ON/OFF Switch once to power ON the LED's.
2. Touch and hold the ON/OFF Switch to adjust the brightness level of the LED's.
3. Touch and lightly press the ON/OFF Switch to power OFF the LED's.

NOTE: This LED ORB Unit has a memory function that will keep the last brightness level setting that you adjusted. This will allow the device to be the same the next time it is turned on. Adjust accordingly to your liking.

LIMITED WARRANTY

Escalade®Sports (the Company) warrants the Product to be free from defects in workmanship and materials under normal use and conditions **FOR A PERIOD OF 90 DAYS FROM THE DATE OF ORIGINAL PURCHASE** in the United States and Canada.

What Is Covered

Except as provided below, this Limited Warranty covers all defects in materials and workmanship. This Limited Warranty is void if the Product is:

- Damaged through improper usage, negligence, misuse, abuse, transportation damage, acts of nature, or accident (including failure to follow the instructions supplied with the Product)
- Used in commercial applications or rentals
- Modified or repaired by anyone not authorized by the Company

What Is Not Covered

This Limited Warranty does not cover:

- Any expendable items such as batteries, light bulbs, fuses, accessories, cosmetic parts, tools and other items that wear out.
- Due to normal usage. Any costs you may incur for delivery, installation, assembly or transport of your product.

What The Company Will Pay For

If during the Limited Warranty period, any part or component of the Product is found by the Company to be defective, the Company will, at its option, repair the Product, replace the Product with a new Product (either the same or an equivalent model) or cause the original retailer of the Product to exchange the Product with a new Product (either the same or an equivalent model) or refund the original purchase price of the Product, without charge for labor or parts. The Company's obligation to repair, replace or exchange the Product, however, shall be limited to the amount of the original purchase price of the Product.

How To Obtain Warranty Service

In order to enforce your rights under this Limited Warranty, you must follow these procedures:

- You must include THE ORIGINAL COPY OF YOUR SALES RECEIPT.
- You must call the Company's Consumer Service Department at 1-800-467-1421 from 8:00 A.M. to 5:00 P.M. (CST) to notify the Company of the nature of the problem.
- If you are instructed to return the Product to the Company for servicing, you are responsible for shipping the Product, at your expense, to the address designated by the Company in packaging that will protect against further damage.
- You must also include your name, address, daytime telephone number, model number of the Product and a description of the problem.

THIS LIMITED WARRANTY IS AVAILABLE ONLY TO THE ORIGINAL PURCHASER OF THE PRODUCT AND IS VALID IN THE UNITED STATES AND CANADA ONLY.

THE COMPANY'S LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT ITS OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL NOT INCLUDE ANY LIABILITY FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND .

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR DO NOT ALLOW FOR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. TO THAT EXTENT, THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

This Limited Warranty gives you specific legal rights, but you may also have other rights that vary from state to state. If you have questions regarding this Limited Warranty or the operation of the Product, you may call or write us:

**Consumer Service Department
817 Maxwell Ave.
Evansville, IN 47711
1-800-467-1421
www.escaladesports.com**