

Operating Instructions Chillin' Glow Float Tube

(Item # 02812)



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The patent-pending Chillin' Glow Float Tube™ is designed specifically for use in commercial waterparks, resorts, amusement parks, etc., but will also provide eye-catching excitement for your private pool or lakeshore use.

The revolutionary illumination capabilities of the Chillin' Glow Float Tube™ will create a whole new level of fun and excitement to your time on the water.

We at RAVE Sports want your experience with our products to be the best it can be. Therefore, please take a few minutes to read the information contained in this manual before inflating and using your product. Although the product is simple to use, this manual contains important safety information that you and others should be aware of to safely enjoy it. Be sure to fully inflate the tube until the tube is firm and no wrinkles remain in the PVC tube. Under-inflating the tube or jumping into a pool or lake with the tube is not recommended as it could cause damage to the internal LED power strip.

WARNING

1. This is not a lifesaving device. Children should be well supervised at all times.
2. Know the water depth. Wear a life jacket when using this product in deep water or whenever water depth is beyond the ability of the user.
3. To avoid serious injury, do not stand on product.
4. Never allow jumping or diving onto or from the product.
5. Use common sense when using this product and follow all safety rules for this activity.
6. This product is not designed to be towed.
7. Never use the product while under the influence of alcohol or drugs.
8. Do not use air compressors or compressed air to inflate. Excessive pressure can cause the product to rupture, with potentially damaging force to eyes, ears, skin and limbs.
9. Routinely inspect the condition of this product and remove or repair damaged units before allowing them to be used.
10. Batteries should be changed or charged by responsible adults only.

Main Components

Chillin' Glow Float Tube
(#20934 tube only)



Battery Holder / Controller
(#WP-0189)



IMPORTANT: The inflated tube and the controller are separate components so each can easily be replaced, if damaged.

Battery information and installation

Use 4 - AA size batteries only (not included).

For maximum life and performance, use **1.2V NiMH (2400 mAH rated capacity or higher) rechargeable batteries. Charge fully before using.**

Examples:



2550 mAh Panasonic Eneloop Pro NiMH Rechargeable



2450 mAh Duracell (DC1500) NiMH Rechargeable



2400 mAh Powerex Imedion NiMH Rechargeable



2500 mAh Nuon (NUREAA-4LS) NiMH Rechargeable

Insert batteries into the battery holder.

Always insert the negative end of the battery (flat end) against the spring in the battery holder. Depress the spring to swing the positive end into place. Ensure the battery is fully engaged at both ends and it is squarely in place.

Repeat for all four batteries.

CAUTION: Always observe battery polarity when installing batteries into the controller to avoid damaging the electronic circuitry.

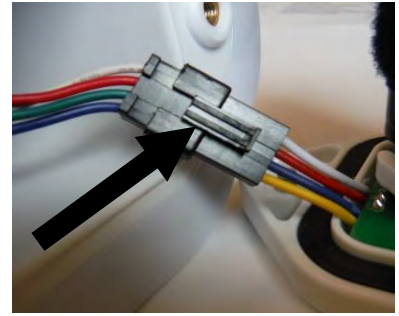
Wrap the keeper strap **tightly** around the batteries. The purpose of this strap is to hold the batteries in place during times when the tube may be jarred, kicked or dropped. Without the keeper strap, the batteries could become disengaged causing the LEDs to malfunction.

To remove battery - Always tip out from the positive (+) end. With finger on end of battery, depress spring and swing it out (as shown).



Installing controller into Chillin' Glow Float Tube

1. Inflate tube first.
2. Plug the two ends of the connector together.



IMPORTANT: Ensure the connector latch is secured. The LED's will not function if this connection is not done correctly.

3. Orient the controller so that the locking screw and tab on the controller are lined up with the nut and tab receiver on the base cup.



Ensure the wire harness is oriented in this corner of the base cup.

4. Insert tab end of the controller into the slot on the base cup.



5. Press down to compress the seal and tighten the locking screw.

IMPORTANT: It is critical that this locking screw be tightened to ensure a water-tight seal. Pull up on the control head to ensure it is solidly locked in place and the seals are fully engaged.



Controller Operation

Remove protective film on faceplate before use.



5 Modes of Operation:

1. All BLUE LED's constant ON.
2. All GREEN LED's constant ON.
3. All RED LED's constant ON.
4. Slow transition between BLUE/GREEN/RED.
5. Strobe flash between BLUE/GREEN/RED.

Depress the hidden button to switch between



NOTE: The mode button is hidden to prevent unwanted tampering or switching the preferred illumination setting of the tube.

The illumination mode will be stored in memory and the device will power back up in the last mode it was in when turned off as long as the batteries haven't been removed.

Photocell

Press the photo cell on/off button to activate the operation of the photocell. When the photocell is ON, the LED's will automatically shut off in bright light (daylight) to conserve battery life. With the photocell OFF, the LED's will be on as long as the master switch is ON. Again, this photocell button is hidden to prevent unwanted tampering with the setting of this photocell.



Photocell

Photocell ON/OFF
(hidden button)

Maximizing Illumination Time/Battery Life

Fully charged 2400mAH NiMH batteries should provide approximately 9-11 hours of illumination time (when in Mode #1: BLUE LEDs constant ON).

TIPS:

- Blue LED's draw the most power. RED LED's draw the least. Therefore, you may notice that tubes set on Mode 1 will have shorter battery life than tubes set at Mode 3.
- Modes 4 & 5 will extend illumination time (battery life) due to the "OFF" time of certain LED's. Longest battery life will occur in Mode 5.
- Turn the photocell ON to increase illumination time/battery life. With the photocell on, the controller will automatically turn the LEDs off when the tube is in daylight or a brightly lit area.
- Do not discharge batteries fully. It is better to charge NiMH batteries before they are fully spent (dead).

Battery Charging

IMPORTANT: Use “Smart” chargers only to maximize battery life of rechargeable batteries.

Lower cost consumer chargers are available at your local retailer. Good chargers provide an LCD display showing the charge status for each battery independently.

Additional features to look for:

- Auto shut off & overcharge protection
- Built-in battery reconditioning
- Alkaline battery detection (you CANNOT charge alkaline batteries)
- Reverse polarity detection
- Short circuit protection

NiMH batteries will typically last 400-500 charge cycles. Dispose of properly when they are no longer capable of holding a sufficient charge.

Repair and maintenance

Small punctures in a Chillin' Glow Float Tube can easily be repaired. Order Tear Aid Patch (#20100) from RAVE Sports. This self-adhesive material quickly and permanently repairs most punctures in PVC tubes.



Storage

When the Chillin' Glow Float Tube is not being used, remove controller, remove batteries, and dry the tube completely before storing. Place in a cool, dry place that is up/off the ground. This will help protect it against ultraviolet (UV) rays and extend the life of the product.

To avoid mold/mildew buildup or discoloration on the surface of the tube, be sure it is completely dry and do not store it in a damp environment or on a wet floor.

Cleaning

Use a mild dish soap or citrus-based cleaner to clean the surface of the tube. Wipe surface of controller with a damp cloth. Do NOT use petroleum-based solvents or cleaners to clean this product.

Warranty

The Chillin' Glow Float Tube has a limited 30 day warranty.



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