



LITHIUM SHUTTLE



- Compact – Lightweight – Long-Lasting
- Up to 40 hours of continuous run time. (Sonar unit and shuttle features used may affect run time)
- 12-volt 12-amp hour Lithium ION polymer battery
- Recharge fast with the included 3-amp hour charger
- Battery status indicator
- LED lighting positioned to illuminate hole and charge glow lures
- Dual USB power ports
- Integrated cable storage and grips
- Includes dual rod holders
- Inverted transducer rest eliminates freeze up
- Includes reversible transducer support arm ports
- Dual articulating handle with locking spokes adjusts to fit ice sonar systems
- Easy Assembly - Pre drilled mounting holes to affix gimbal bracket (not included)
- Safely store Shuttle system in 5-gallon transit bucket

MarCum Power Cord



LED Lighting



Charging Port



USB Power Ports



Optional Universal Power Adapter
Sold Separately





WARNING - DO NOT DRILL INTO SHUTTLE

DRILL TEMPLATE FOR EXISTING GIMBAL BRACKET

Warranty.

WARRANTY – LITHIUM BATTERY

MarCum warrants the Lithium battery to be free from defects in materials and workmanship for one year from the date of purchase. This warranty applies to customers who properly complete the online product registration form found on the MarCum Technologies Website, www.marcumtech.com/support. Proper maintenance and storage is required. Please reference included literature.

MarCum Technologies will repair or replace any components that fail in normal use. Failures due to abuse, misuse, unauthorized alteration, modification, or repair are not covered. The warranty is valid only for the original owner who purchases the unit from an authorized dealer. An original sales receipt dated within the warranty period is required for all warranty claims. In an effort to best serve our customers, MarCum Technologies has set a standardized battery warranty policy. Battery warranty coverage requires a proof of purchase. Please see our website, www.marcumtech.com/support, for full details.

LITHIUM SHUTTLE

Maintenance and Care

Continued satisfaction and performance from your Lithium shuttle may be assured by applying a minimum amount of preventative maintenance and care. For optimal performance and longevity, during periods of non-use or transit, the Shuttle/System should not be left in the cold for extended periods of time. When idle, if a battery is exposed to extreme cold for extended periods of time, it may need to be brought inside or in warmth for 5-10 minutes before operating. When storing between fishing trips it is best to keep the battery inside and fully charged.



Charging

Best practice would be to recharge the battery after each use. Only charge the shuttle with the included wall charger. With the system turned off, and USB ports bare, charge the system by connecting the included charger to the shuttle and standard 100V – 240VAC wall outlet. The charger indicator light will be red during charging and turn green once the charge cycle is complete.

Disconnect charger first from the charging port followed by the wall outlet once charging is complete. When charging, defer to the status indicator lights on the charger itself, as the battery indicator on the shuttle may read 100% during charge.

Storage

Prior to storage, ensure that the battery is charged to 70% capacity. This can be done by monitoring the battery level on the battery meter. Once charged to 70% of capacity, it should be stored in a cool dry place (0-70 degrees Fahrenheit, humidity range of 40-60%). Charge level should be checked every 6 months and charged back to 70% for optimal longevity. Never store a completely dead battery.

Warnings

- Do not immerse the battery in water or sea water. Keep the battery in a cool dry place when not in use.
- Do not use or leave the battery near a heat source (i.e. heater, furnace, fire).
- Use the battery charger only as directed when recharging.
- Do not reverse the positive and negative terminals on the battery connections.
- Do not discard the battery in a fire, furnace, or other combustible space.
- Do not connect the battery directly to an electrical outlet.
- Do not short -circuit the battery by directly connecting the positive and negative terminals with metal objects.
- Do not directly solder the battery or pierce the battery with a nail or other sharp objects.
- If the battery gives off an odor, generates heat, becomes discolored or in any way appears abnormal during use, or while recharging or discharging, immediately stop using it.
- If the battery leaks and the battery contents (electrolyte) gets into an eye, do not rub the eye. Instead, flush the eye(s) with clean water and immediately seek medical attention or it may result in injury to the eye(s).
- Do not use the battery in a location where static electricity or magnetic fields are great or it may result in damage to the battery safety devices.
- Do not leave the battery in high temperatures (i.e. in direct sunlight or in a vehicle in extremely hot weather) or it may overheat and its performance will be degraded and service life decreased.
- Tape the battery terminals prior to disposal to insulate them as discarded batteries may cause fire or explosion.