



LX-i

Digital Ice-Sonar

User Manual

Thank you for purchasing the LX-i by MarCum Technologies, the most advanced hand held digital sonar ever made. The MarCum LX-i can be used to shoot through the ice, single layer aluminum boat hulls, fiberglass hulls, or can be used from inflatable watercraft.

To Get Started

Remove the battery door located on the lower backside of the unit. Insert a coin into the coin slot and turn counter clockwise. Place the coin under one of the slotted corners and apply gentle upward pressure until battery door opens. Place the lithium CR-P2 battery into the molded battery compartment. Replace battery door by applying gentle downward pressure with your finger while turning the coin slot clockwise until you feel a gentle click. You are now ready to use the LX-i to obtain depth readings. The battery will last roughly twenty hours of continuous run time or multiple years worth of depth readings. Batteries are an expendable item, and must be replaced periodically. The batteries that we use are the CR-P2 lithium variety, which are 6 volts.



To Use on Ice

Clear snow from the ice so you have a clean surface. Place a small amount of water on the ice and couple the transducer to the water / ice by applying gentle downward pressure while pushing the 'on' button. Three dashes will appear in the LCD display. The unit is now in Active Bottom Search Mode. When bottom is found, it will be displayed on the digital read out. Once the bottom is found, the unit will automatically enter Fish Mode.

In Fish Mode, the unit will actively search for approximately one second. If fish are found, the unit's alarm will activate and the digital display will flash the depth of the target seven times. The unit will then revert back to Bottom search mode. The unit will rotate automatically between Bottom Mode and Fish Mode until the unit is either turned off or the unit can't find bottom at which time it will shut off automatically within fifteen seconds. To turn the fish alarm off, depress the 'on/off' button. Ice with air pockets (crusted snow and water that freezes) can make it difficult to obtain depth readings. If this situation exists, try other nearby areas until better ice is found. If poor ice continues, a hole may have to be drilled to check depths.

To Use in Boat

To obtain a depth reading through a boat hull, place water in the bottom of the boat. Make sure that the transducer face has enough water to eliminate any air between the transducer face and the bottom of the boat. Another method is to coat the bottom of the LX-i transducer with petroleum jelly and couple to the bottom of the boat. To obtain a reading over the side of a boat, hold the transducer the water 1/2 to 1 inch and push 'on'. Be sure to hold the unit exactly vertical or the reading won't be accurate.

One Year Warranty

MarCum warranties this product 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. MarCum Technologies will, at its sole discretion and without charging the customer, repair or replace any components that fail in normal use. Failures due to abuse, misuse, or unauthorized alteration, modification or repair are not covered. The warranty is valid only for the original owner who purchases the system from an authorized dealer. Products purchased from on-line auction sites are not considered under warranty.

How to Obtain Service

If your system is malfunctioning, check the support section of our website. You may find that the solution to your problem is something you can resolve yourself. If you need to send it in, there is no need to contact our office. Getting repairs made is as simple as going to our website, Marcumtech.com clicking the support tab and then filling out the MarCum Warranty Claim. If your system is under warranty, be sure to attach a picture/scan of your proof of purchase with date included. If your system is out of warranty, we have a flat rate fee that will cover the cost of repairs, including parts and labor. You will find the non-warranty claim on our support site. Once you have completed and submitted a claim, package the system as described on the website and ship it to us.

Some people are more comfortable calling for shipping instructions. During peak ice season, we sometimes receive a high volume of calls, making it impossible to get to all customers who phone in. For this reason, strongly consider using the on-line forms at www.marcumtech.com/ support or the "Live Chat" option.

OUR ADDRESS:
MARCUM TECHNOLOGIES
ATTN: SERVICE DEPT.
3943 QUEBEC AVE NORTH
MINNEAPOLIS, MN 55427

Please send your email inquiries to service@marcumtech.com

If you are unable to use email or internet, you may call us at 763-512-3987.

Our office hours are Monday – Friday, 8 – 4 Central Time.

International callers may use 888-778-1208.

The customer is responsible for shipping costs associated with returning the system to MarCum Technologies. MarCum will pay for shipping the repaired system back to the customer while it is still under warranty. All out of warranty services will be charged a fee for service and shipping which must be paid in advance. The unit should be securely packed and shipped "pre-paid freight" and insured to MarCum Technologies. It is the customer's full responsibility to track their products sent out in the mail or other forms of delivery service. MarCum Technologies will not be liable for packages lost in route to us. Unless specified otherwise, do not include batteries or other accessories when returning the product for repair. MarCum Technologies will not be responsible for lost or damaged accessories. Turnaround time can vary, on average it is about 1 week.