

Universal Open Water Dual Beam Transducer User Guide



Introduction

Thank you for purchasing the MarCum Universal Open Water Dual Beam Transducer. Now you can enjoy the superiority of your MarCum Sonar system year round with use on open water! The functionality of your sonar you have become accustomed to using on ice can be transferred to your boat with a few installation procedures we have listed in the below User Guide.

Selecting a Transducer Location for Transom

Selecting a location for your transducer is important for proper function. The transducer must have smooth water flow to operate correctly. If the transducer is not placed where it can experience smooth water flow interference could result. Turbulent water from the motor's propeller can potentially cause interference in the form of random marks on the display. Be careful to not mount the transducer too close to your motor (no closer than approximately 1 foot), or near water intake or discharge ports.

Also some boats have stakes or ribs on the hull that can create turbulence. Be aware placing your transducer too close to these can cause interference. If your boat has multiple ribs, a good place would be between the ribs closest to the engine (no closer than approximately 1 foot).

Installing your Transducer to the Transom

Once you have selected your ideal transducer location you are ready for installation. First, you should position the metal transducer mount so that the bottom edge of your transducer is level with the bottom edge of the transom. Also, make sure the transducer is parallel to the water line.

Please note before drilling into your transom you are advised to check your boat owner's manual to be aware of any electrical wires, oil lines, etc. that may become damaged.

When you have your mount aligned correctly, mark the center location of the four holes on the transducer bracket. Using a 5/32 inch drill bit, drill the four pilot holes you have marked on the transom in the properly selected location. We recommend applying a marine sealant to the screws first, and then attaching the bracket to the transom. Lastly, use the black plastic retaining bracket and the two remaining screws to attach the transducer to the bracket.

Installing your Transducer to the Trolling Motor

Your MarCum Open Water Transducer also has the ability to attach to your trolling motor using the supplied trolling motor mount. First, you will need to attach the trolling motor mount (black plastic mount), to your transducer with the two supplied screws (please use marine sealant on the screws). Make sure the transducer is connected to the smooth side of the mount (side with the groove).

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We recommend you purchase a “hose clamp” (enclosed circular clamp), to affix the transducer via the trolling motor mount. Please measure the diameter of your trolling motor to purchase the appropriately sized clamp. Attach the clamp by placing it in the groove of the transducer mount and then encircling the motor. Tighten the clamp so the transducer is unable to slide and move. Please make sure the transducer is placed at the bottom of the trolling motor and facing downward. If the transducer is at an angle it can cause improper sonar readings.

Wiring your Power Cable

The MarCum Universal Open Water Dual Beam Transducer comes equipped with a power cable to attach your unit to a battery. This power cable comes with two blank ends and no terminals, because of the wide variety of power connections and lengths of power cable needed. You are able to attach more cable (if needed), and choose the terminals needed to properly connect to your specific power source.



Mounting Sonar to the Boat

To mount your system you can attach the gimbal bracket to the boat at the location of your choosing. We recommend somewhere where it will remain relatively dry, such as your console behind a windshield, if available. You can either use the same gimbal bracket you have within your soft pack by removing it from the shuttle, or you could purchase another gimbal bracket on our website, www.marcumtech.com and affix that bracket permanently.

Once set up all you need to do is connect your transducer to the unit, power on, and go fishing! We hope you enjoy your sonar on the open water as much as you do on ice. Good luck fishing!

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 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.

Please see our website, www.MarCumtech.com/support, for full details on warranty coverage.

HOW TO OBTAIN SERVICE

If your system is malfunctioning, check the troubleshooting 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, www.MarCumtech.com clicking the support tab and then filling out the MarCum repair claim.

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.