



## Installation of the EMMT-1 and EMMT-2 into the Mantis Full-Face Mask



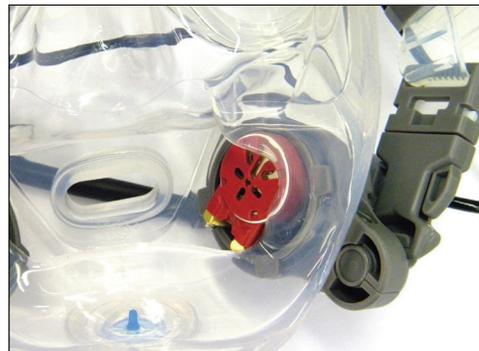
(1) Remove the screw that secures the clamp on the diver's right accessory port of the mask. Set the screw and nut aside. Open the clamp, releasing the tabs that hold the cap onto the accessory port. Remove the cap from the port.



(2) Ensure the screws securing the microphone to the wires on the microphone module are tightened. The ME-16R Hot-Mic<sup>®</sup> is shown above (OTS also offers the Super Mic<sup>®</sup>, our patented\* all-depth, noise-cancelling microphone). Install the microphone module fully and evenly into the open port with the following orientation: EMMT-1, earphone cable toward the mask nose. EMMT-2, longer earphone cable toward the mask chin and shorter one toward the nose.



(3) Install the clamp onto the PTT assembly cap with the strap buckle attached to the clamp. Close the clamp's tabs onto the cap such that the assembly is fastened securely. Refasten the clamp screw and nut with moderate tightness.



(4) Don the mask and ensure the microphone is positioned as closely to your lips as possible (less than 1/4 inch distance is best). *Note: If the microphone is too far from your lips, communications will sound weak and distant.*



(5) Using a flathead screwdriver, separate the male and female halves of the tabs on the ends of the mask straps (right side only for the EMMT-1 or both left and right for the EMMT-2). Remove the tabs. Uninstall the straps from the mask buckles and the retainers from the straps.



(6) Unsnap the EHA-1 earphone holder(s) from the earphone(s), and remove the earphone(s). With the snap(s) facing toward the front of the mask and the logo(s) upright, insert the mask strap(s) through the top and bottom slots of the EHA-1. Reassemble the mask strap(s) into the mask.

\*US patent no. 7,170,822; EU patent nos. 000458351-0001, -0002, -0003, -0004, -0005, -0006



(7) EMMT-2 only: Feed the longer earphone cable above the regulator port and then parallel along the left mask strap as illustrated.



(8) EMMT-2 only: Loosely secure the left earphone cable to the buckle of the mask with the supplied tie wrap, as shown. **CAUTION:** Ensure the tie wrap does not bind the cable, so it can slide freely.



(9) The EP-2 earphone is directional. With the shiny side facing toward the diver's ear, insert the earphone(s) into the EHA-1 earphone holder(s) below the snap(s). Secure the snap(s).



The completed installation of the EMMT-2 is shown in these next two illustrations. Note the orientation of the microphone module and the placement of the cables.



In this illustration, note the position of the left earphone cable.

**Safety Note:** When donning the mask, position the earphone holder(s) as far back as possible to prevent it/them from binding in the strap buckle(s). Adjust the earphone holders into position after the mask has been properly tightened.

**DANGER!** Using an Ohm meter to test this ear/mic assembly will cause irreparable damage to the unit!



**Ocean Technology Systems**  
 3133 W. Harvard Street, Santa Ana, CA 92704 USA  
 Toll-free 800-550-1984 • Telephone 714-754-7848 • Fax 714-966-1639  
 Email [ots@otscomm.com](mailto:ots@otscomm.com) • Web [www.otscomm.com](http://www.otscomm.com)