



Undersea Systems International, Inc.  
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Ocean Technology Systems

## Installation of the OTS Ear/Mic Assembly INTO The GUARDIAN Full-Face Mask

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1. Locate the communications port on the right side of the mask. Unscrew the fastening nut from the plug counterclockwise and remove. The plug is then easily taken out from the inside of the mask.



2. Loosen the fastening nut on the microphone/push-to-talk (PTT) module of the ear/mic assembly counterclockwise so that there is space between the fastening nut and the base of the module.



3. Insert the microphone/push-to-talk (PTT) module into the mask's right communications port. The nickel microphone wires may need to be bent slightly to install.



4. Continue inserting the microphone/PTT module into the communications port. The lip of the mask should go over the base of the module and rest between the base and the fastening nut.



5. The fastening nut is then turned clockwise until tight against the mask. Make sure the cable alignment of the OTS Ear/Mic Assembly is similar to the photo above.



6. Once the microphone is inside the port, carefully position it within 1/4" of the right corner of the diver's lips. The ME-16R Hot-Mic® is shown above; other microphones are available (e.g., the Super Mic®, our patented\* all-depth, noise-cancelling microphone).



7. The left earphone cable travels snug up the right side of the visor and over the top by tucking the wire into the groove between the mask and visor.



8. Insert the temple and chin mask straps through the top and bottom slots of each earphone holder, respectively. The snaps face toward the front of the mask with the OTS logo on each earphone holder up-right. Reassemble the mask straps.



9. The EP-2 earphone is directional. With the shiny side facing toward the diver's ear, insert the earphone into the earphone holder (on each side) past the snaps with the cable positioned below the snap. Secure the snap.



10. The earphone cable should exit the holder below the snap and run parallel with the mask straps.



11. The completed installation of the OTS Ear/Mic Assembly.  
*Note: Before donning the mask, position the earphone holders as far back as possible to allow for tightening of the mask straps. Once fitted, adjust the earphone holders into position.*

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

*Note: This instruction sheet and the information contained herein are provided for use as an installation guide only. Please refer to your User's Manual before using this or any OTS product. No license or rights to manufacture, re-produce, and/or sell either the instruction sheet or the articles described herein are given.*



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