

Headset Installation Instructions

WARNING! Helmet speakers may not be legal in all jurisdictions. Check your local laws BEFORE using this product. J & M Corporation cannot control the circumstances surrounding the sale of this equipment, the quality of installation, or the specific helmet into which this equipment is installed. Accordingly, J & M Corporation makes no warranties, expressed or implied, related thereto. A helmet with this equipment installed may not protect the user from injury. The user assumes all liability in conjunction with accidents, injuries or losses of any kind arising out of the use of this product. Additionally, this product should not be used in any way that would impair the user's ability to hear traffic or other noises. Accordingly, the volume should be kept low or off, depending upon the circumstances.

Installation into most 3/4 (Open-Face) & Flip-Up Modular Style Helmets

1. Begin by examining the ear pocket area inside your helmet to ensure that there is sufficient room to mount the speakers, so that they do not come in contact with your ears. **See Figure 1.**

1. It is important to have the helmet fit and feel the same after the speakers are installed as it did prior to headset installation. If a small amount of styrene material needs to be removed to keep the speakers from pressing against your ears, make sure to remove **ONLY** the minimum amount, (no more than 1/4") so as to preserve the protective characteristics of your helmet.

2. Clean the bottom of each speaker mounting location with a cloth dampened with alcohol or Windex. Peel the backing from the supplied hook and loop fastener pads and press them into the bottom of each speaker mounting area.

3. Position the boom microphone/clamp mounting assembly on the left side of the helmet so that the microphone lines up with the wearer's mouth & mark this position. **See Figure 2.**

4. Tighten the clamp to the helmet with the rubber friction spacer in place & plug-in the microphone to the corresponding plug from the clamp. **See Figure 3.**

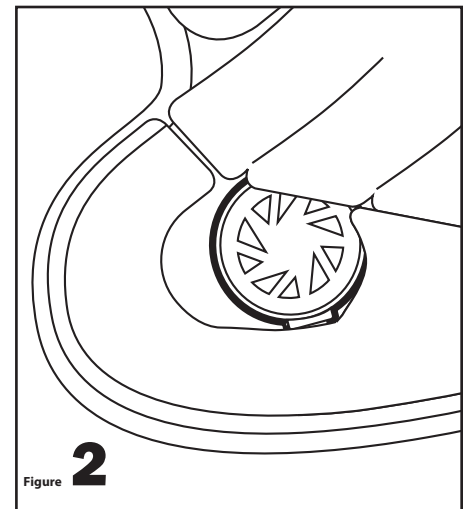
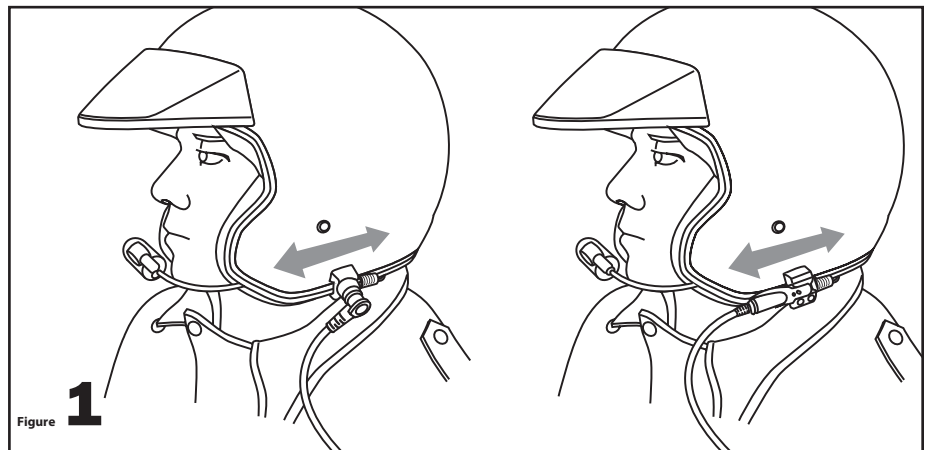
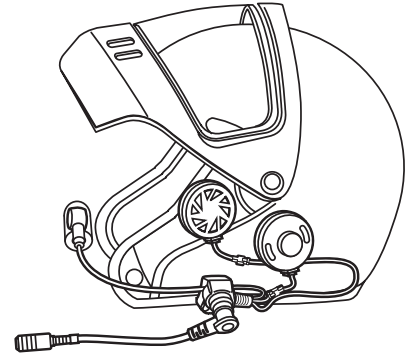
5. Position the speakers into their proper mounting position and press them firmly onto the hook and loop fastener pads. Then plug each one into their corresponding plug from the clamp assembly.

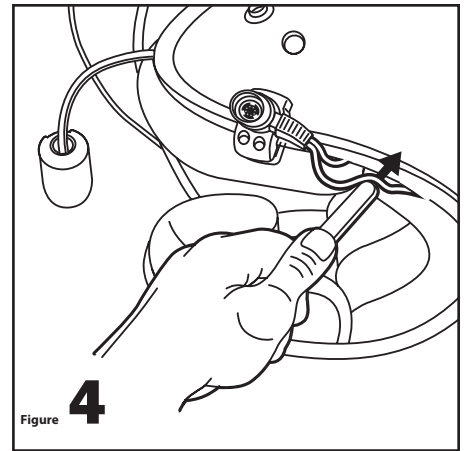
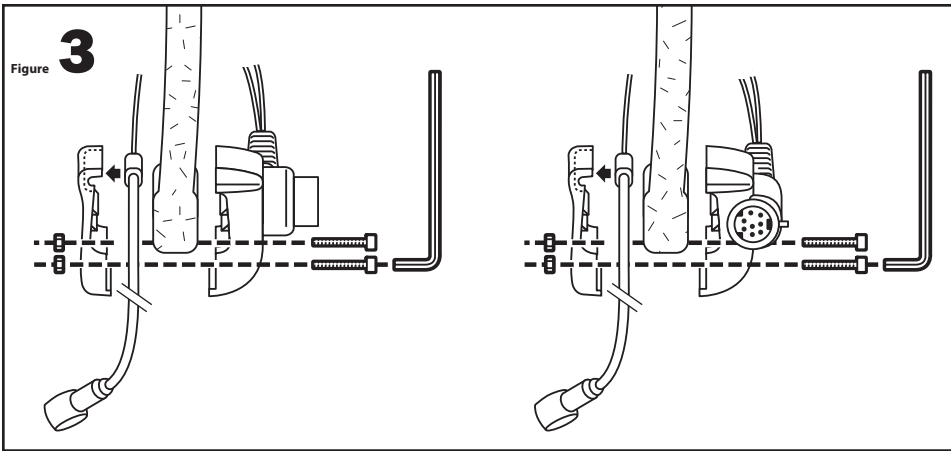
6. Pull the small, medium or large sized wind sock (which-ever you prefer) over the microphone.

7. Using the enclosed wooden tool, carefully push the speaker wires into the gap between the helmet liner and shell. **See Figure 4.**

Notes: When using your intercom system, regardless of headset brand or type, it is important to turn the intercom volume level high enough for comfortable conversation, but not any higher. Unnecessarily high intercom volume levels will only increase the unwanted wind and background noise you may experience.

When plugging in the right-angle hook-up cord that comes with some headset models, it may be necessary, especially the first time, to press a little harder than usual to make sure that the connection is fully made. This will keep the cord from accidentally becoming unplugged while riding. When plugging in the straight-line hook-up cord that comes with some headset models, be sure to use the rubber strap. This will keep the cord from accidentally becoming unplugged while riding.





Installation into most Full-Face Style Helmets

The full-face style of helmet can present special challenges for headset installation. If you do not feel you are up to the task, you may send your "un-modified" helmet to our factory in Tucson and we will perform the installation for a nominal fee. (Please contact us first to ensure that J&M is able to install a headset into your particular brand/model of helmet.)

1. Most full-face style helmets have cheek pads or a complete nose section that can be removed. Carefully do so at this time, paying special attention so as not to break or damage any of the polystyrene parts and also remove the soft fabric lining material around the cheek pads.

2. Remove the padding material that is installed around the J&M speakers & then using one of the speakers as a guide, mark the area where the circular pieces of styrene will be removed from the back of the ear area of the cheek pad or nose section. **See Figure 5.**

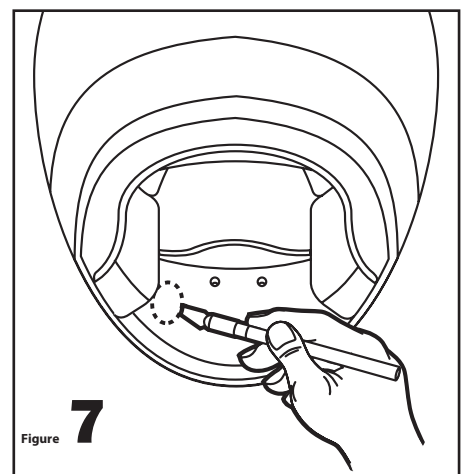
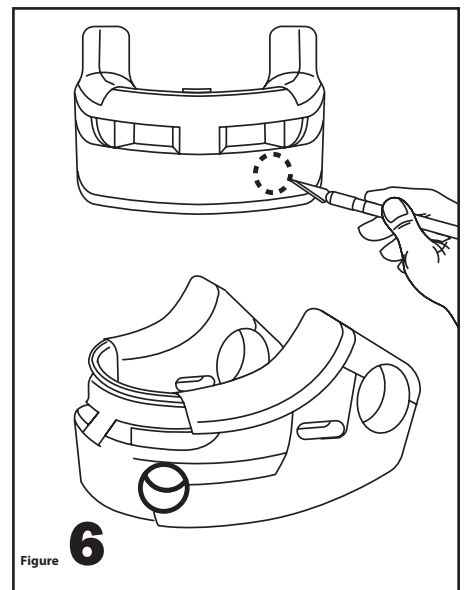
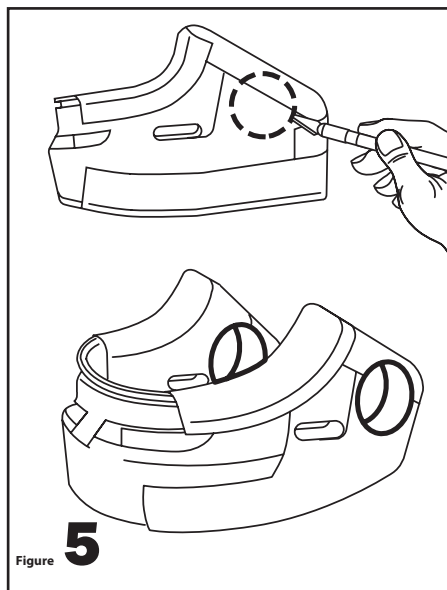
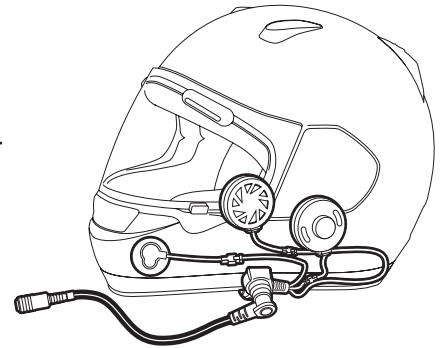
3. With an Exacto® knife, cut a hole slightly smaller than the actual speaker diameter so that the speaker will "press fit" into the hole without damaging the styrene. An airtight seal is necessary to preserve bass response as the sound pressure from the back of the speaker housing should not be allowed to mix with the sound pressure from the front. It is important to have the helmet fit and feel the same after the speakers are installed as it did prior to headset installation.

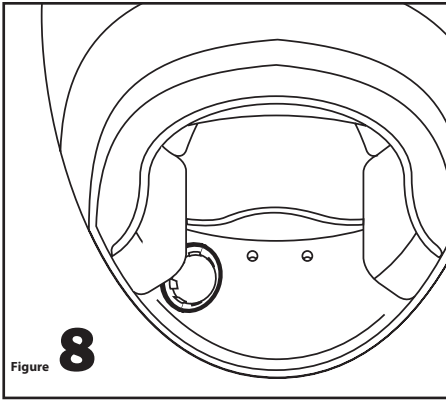
4. Mark an area in the nose section just to the left of center to mount the microphone. **See Figure 6.** Make sure that this placement will not interfere with any venting mechanisms or other parts of the helmet upon re-installation of the nose section.

5. Using an Exacto® knife, cut a hole of sufficient size to allow the microphone to be mounted through the nose section and be pressed against the inside shell. **See Figure 7.** Insert the microphone cartridge through the hole from the back side, install the rubber boot and push the mike back into the hole from the front side. **See Figure 8.**

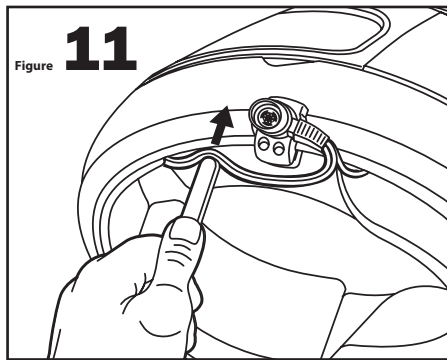
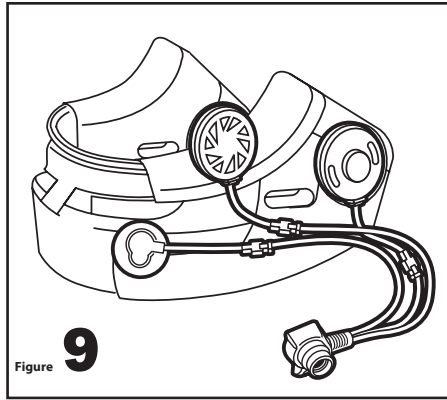
6. Position the speakers into the cheek pads and press them firmly into place. **See Figure 9.**

7. Clean the inside of the helmet shell where the speakers and microphone will be positioned with a cloth dampened with alcohol. Peel the backing from each supplied hook and loop fastener pad and press it into the proper position for the speakers and microphone to contact when the helmet is re-assembled.



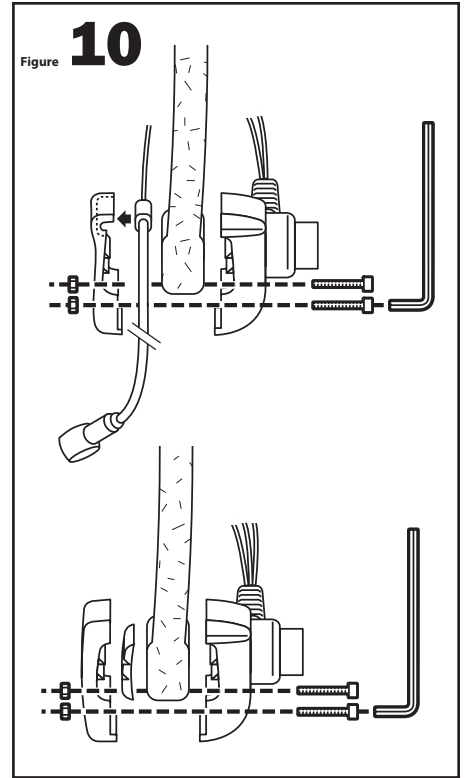


8. Reinstall the nose section and/or cheek pads & push the speakers and microphone firmly against the hook and loop fastener pads.



9. Mount the clamp in the proper position on the left bottom edge of the helmet and tighten the clamp with the rubber friction spacer in place. **See Figure 10.**

10. Plug both speakers and the microphone into their corresponding plugs from the socket clamp assembly. **See Figure 9.**



11. Using the included wooden tool, carefully push the wires into the gap between the helmet liner and shell. **See Figure 11.**

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Audio Specifications

Speaker impedance 32 Ω ± 10%

Microphone impedance 250 Ω ± 10%

Thank you for the confidence you have shown in J&M by purchasing one of our innovative products. It will give you many hours of riding pleasure.



J&M Corporation