

## INSTALLATION OF MODULAR HELMET KIT

1- NOTE THAT THERE ARE MANY HELMET STYLES, THIS INSTRUCTION USES THE SHOEI NEOTEC HELMET AS ITS BASE. WHILE MOST HELMETS MAY HAVE A SIMILAR DESIGN, THEIR SLIGHT DIFFERENCES MAY REQUIRE A DIFFERENT MOUNTING LAYOUT.

THE 14-5028 MOUNTING PLATE HAS BEEN DESIGNED WITH FOUR HOLES THAT ARE DRILLED AND TAPPED TO ACCEPT 6-32 SCREWS.

THE HELMET KIT CAN BE AFFIXED TO EITHER SIDE OF THE PLATE USING ANY OF THE HOLES TO PRODUCE A MOUNTING ARANGEMENT THAT WORKS FOR YOU AND YOUR PARTICULAR HELMET.

2- THE MICROPHONE ELEMENT HAS A SIDE THAT IS LABELED "TALK". THIS SIDE MUST BE FACING YOUR MOUTH. THE ELEMENT MUST BE CENTERED AT A DISTANCE OF 1/4 INCH FROM THE MOUTH - A.K.A."KISSING DISTANCE"

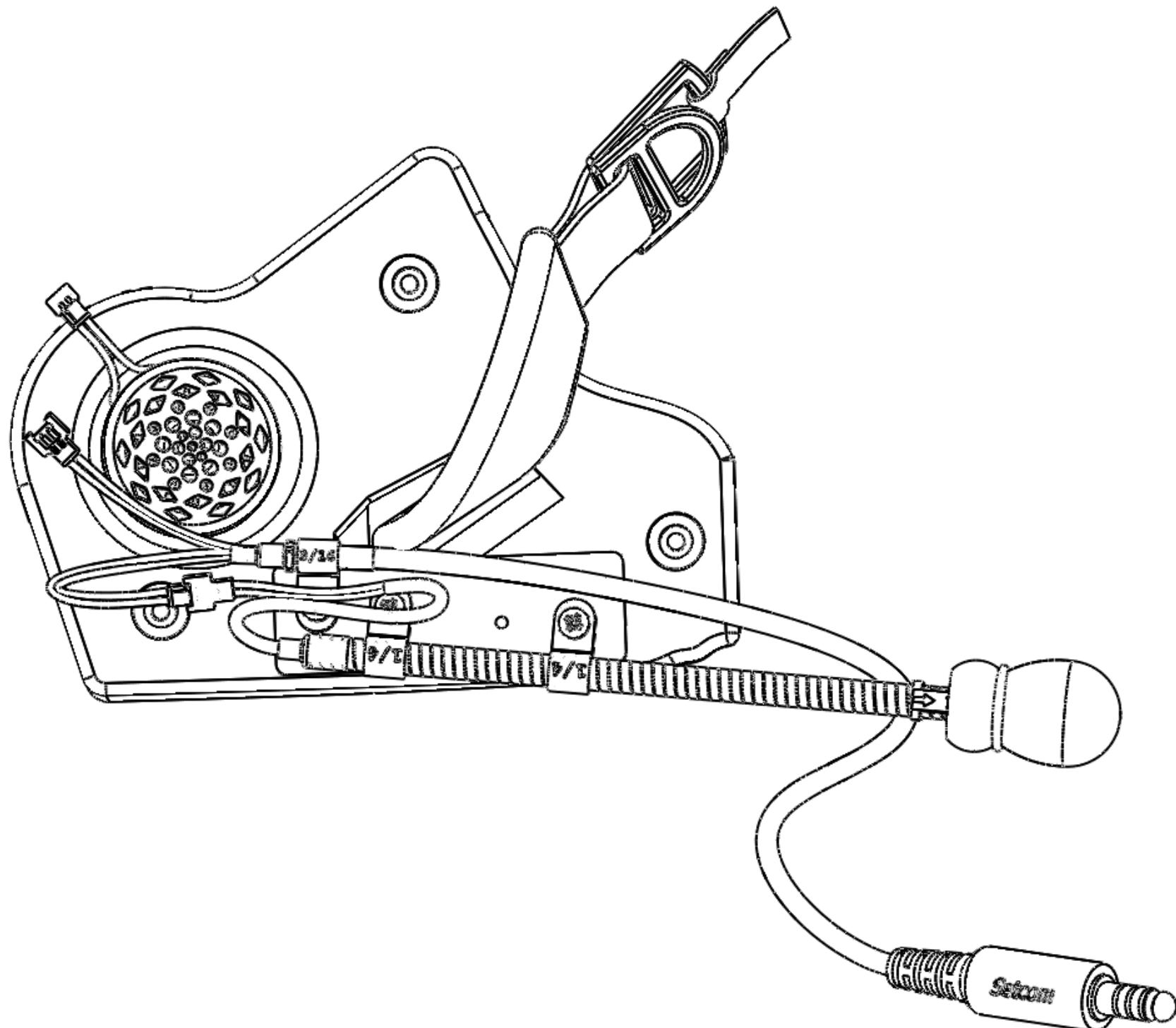
3- MOUNT THE HELMET KIT TO THE PLATE AND DRY FIT THE MOUNTING TO THE HELMET TO THOUROUGHLY VERIFY FIT AND FUNCTION PRIOR TO APPLYING THE VHB MOUNTING TAPE AS EXCESSIVE REPOSITIONING OF THE ADHESIVE TAPE CAN ALLOW IT TO PICK UP RESIDUAL DUST,DIRT,GRIME, AND IMPAIR ITS BOND STRENGTH.

4- PRIOR TO APPLYING THE VHB MOUNTING TAPE MAKE SURE YOUR HANDS ARE FREE OF DIRT AND OIL. DO NOT TOUCH THE ADHESIVE FACE OF VHB TAPE.

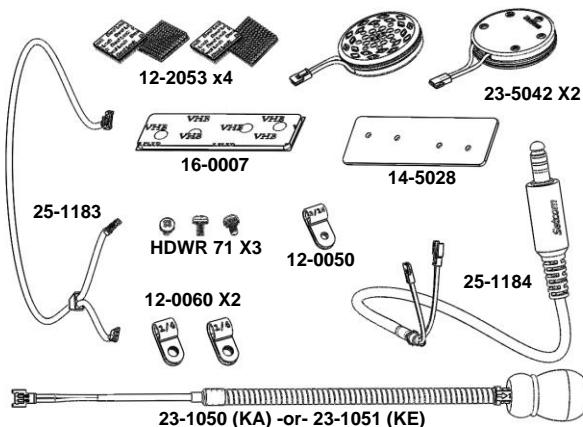
5- USING A CLEAN & LINT FREE WIPE, CLEAN THE TWO SURFACES TO BE BONDED WITH A 50:50 MIXTURE OF ISOPROPYL ALCOHOL (IPA) AND WATER. 70% IPA CAN ALSO BE USED. ALLOW THE CLEANED SURFACES TO AIR DRY.

6- ONCE THE ADHESIVE BACKED ASSEMBLY IS PLACED APPLY PRESSURE VIA A SPRING CLAMP OR USE A WEIGHT TO AID BOND STRENGTH.

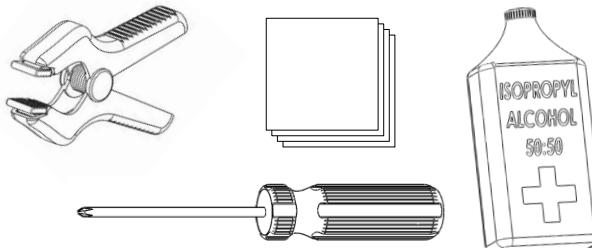
AT 78°F / 26°C – AN UNDISTURBED SET TIME OF 24 HOURS WILL YIELD 90% OF THE TOTAL BOND STRENGTH AND 72 HOURS FOR FULL BOND POTENTIAL.



The Kx-24IM is comprised of these parts:



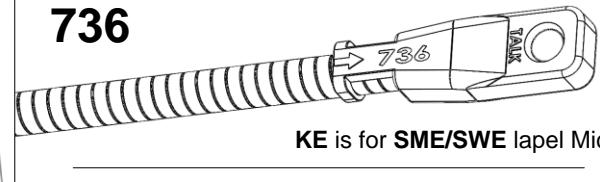
Installing your Setcom Helmet Kit you will need:



- Large spring loaded clamp or a means to weigh down the installation during the (minimum of 24hr) bonding process
- 50/50 Isopropyl Alcohol (Minimum)
- A #1 Phillips type screwdriver
- A couple of lint free wipes.

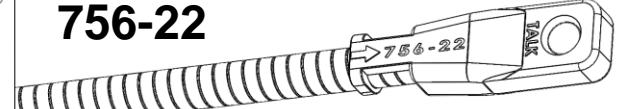
Verify that you have the correct model of boom mic for your application. View The "TALK" side of the element:

**736**



KE is for **SME/SWE** lapel Mic

**756-22**

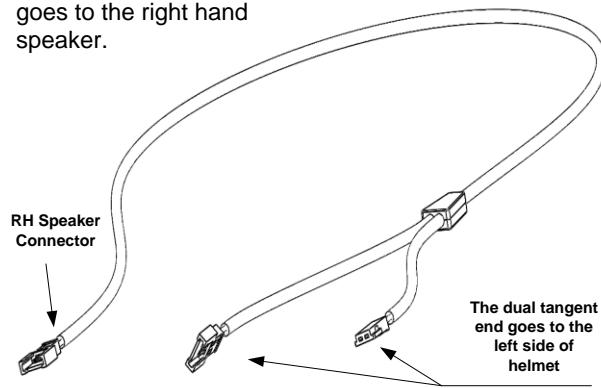


KA is for **SMA/SWA** lapel Mic and **63/73** Series Cable Kits

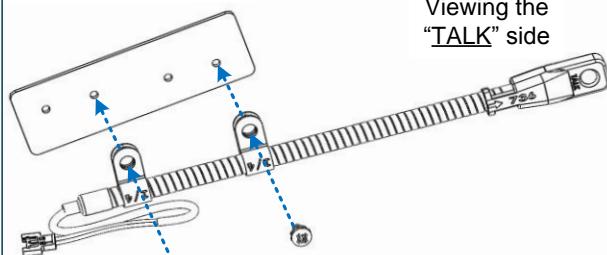
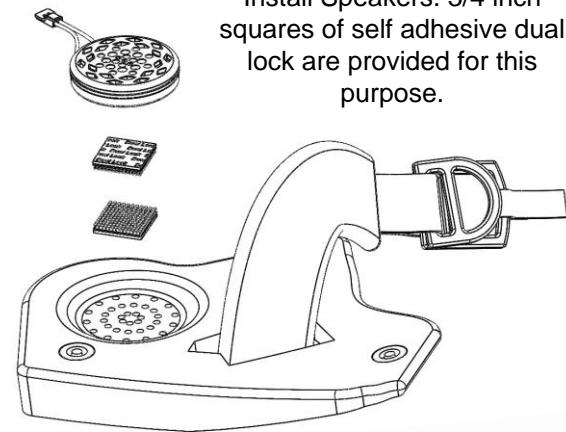


Refer to the User Manual for your Helmet.  
Remove both cheek pads and any ear pads

Route the modular speaker cable behind the center pad or bonnet. The long tangent goes to the right hand speaker.

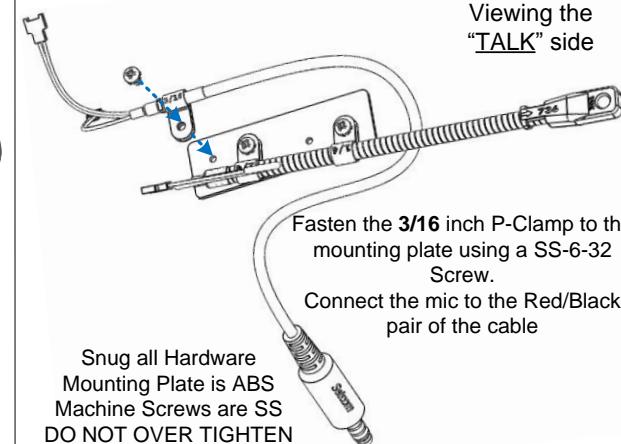
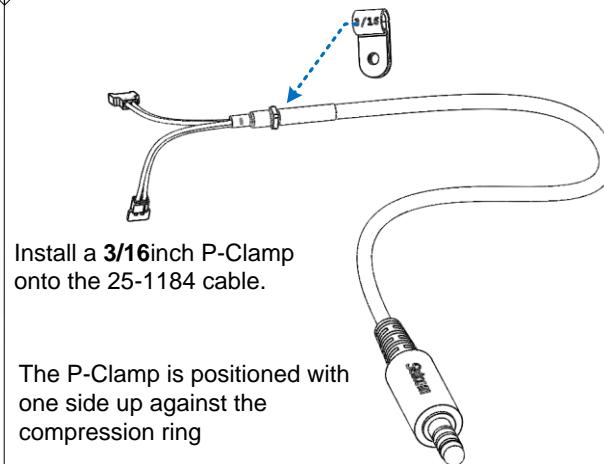


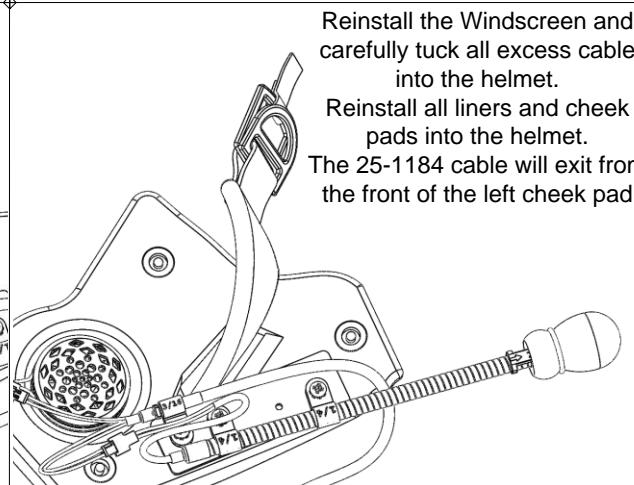
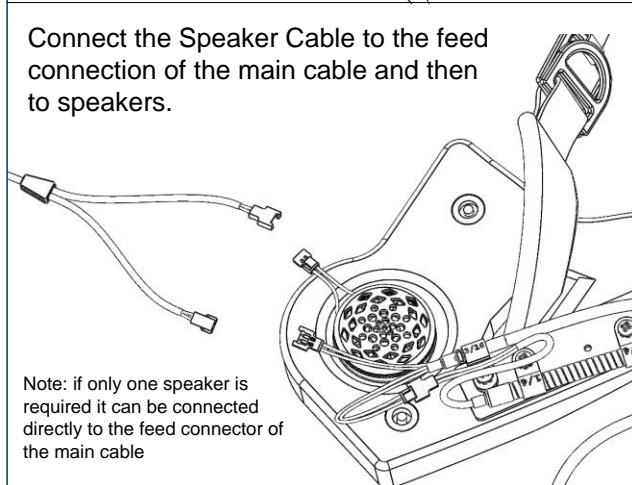
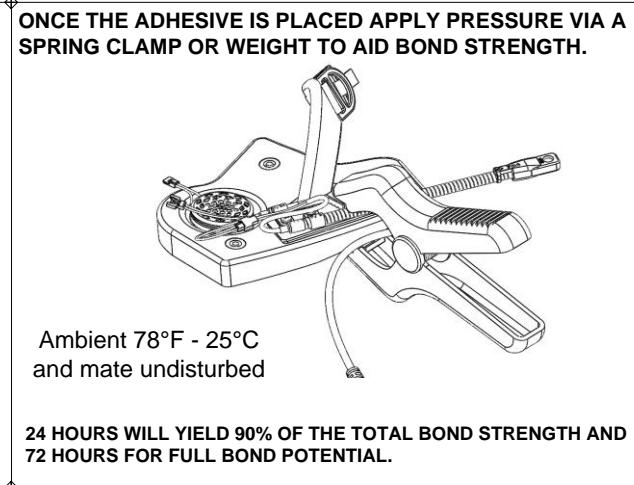
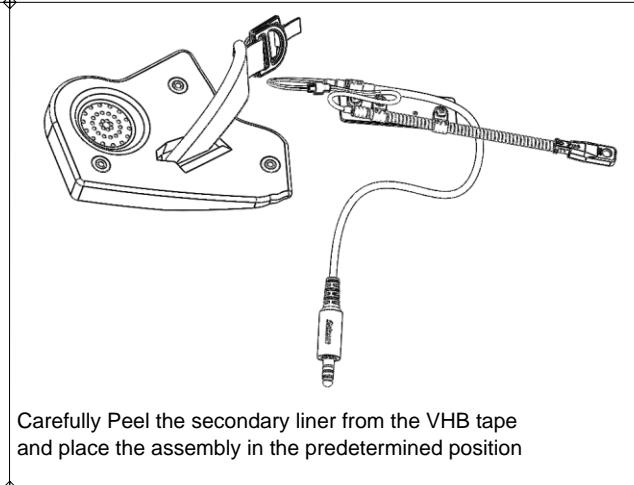
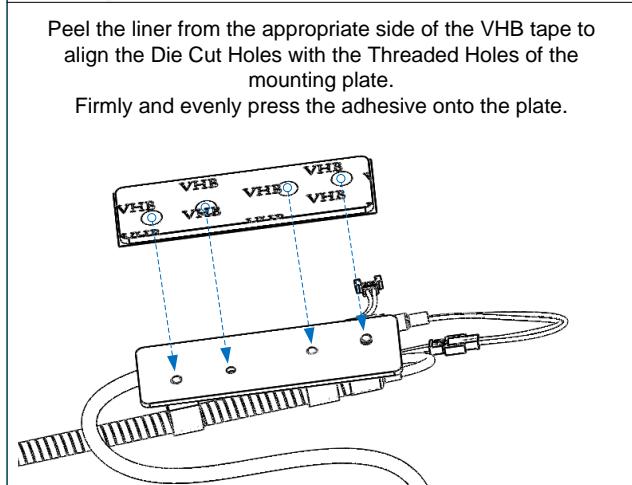
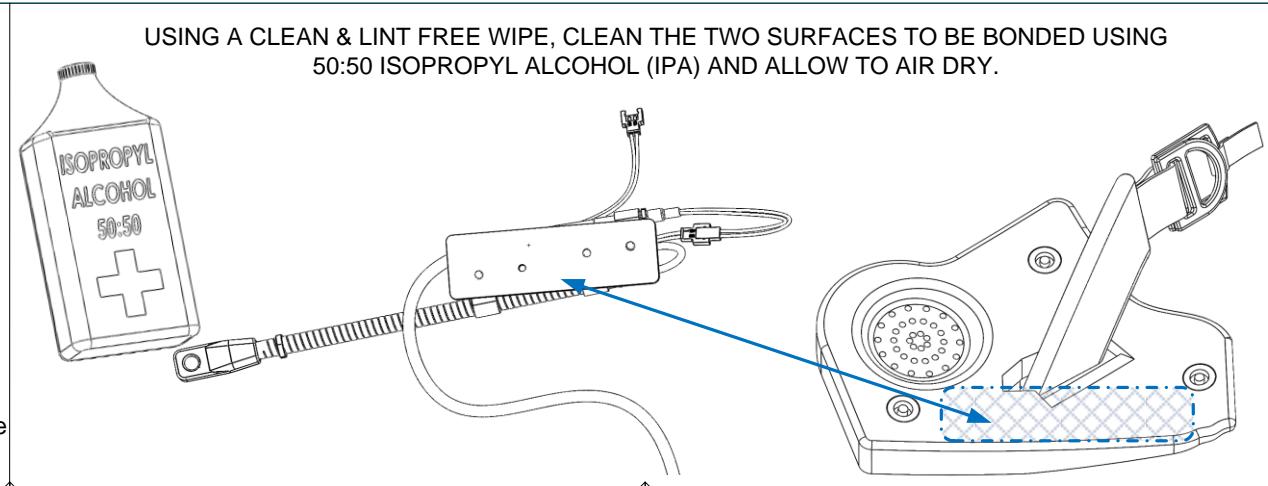
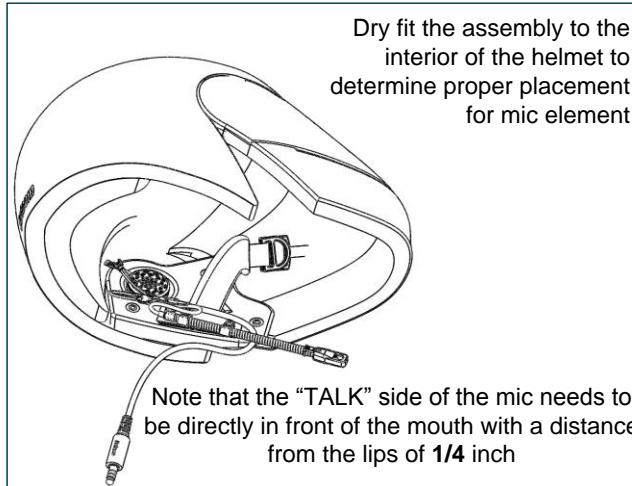
Install Speakers. 3/4 inch squares of self adhesive dual lock are provided for this purpose.



Using two **1/4** inch P-Clamps and two SS-6-32 Screws.  
Position the clamps onto the Boom Mic so that once installed the side of the element that says "TALK" is positioned within **1/4** inch of the Lips.

Viewing the  
"TALK" side





More information on Helmet Kits can be found at:

<http://setcomcorp.com/cr/helmetkits.php>

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