

Tuning your 13-221 Model 221 XS Helmet Headset:

To achieve optimum listening frequency levels, all communication head sets need to be set to different levels of base and treble depending upon personal preferences and manufacturers specifications. Reception and transmission clarity can be affected by the specific motorcycle model and brand as well as any aftermarket accessories installed on the motorcycle such as electronics or windshields.

Microphone positioning is key to achieving loud and clear transmissions. The microphone has an important reception point. Not using this point will reduce sound dramatically. Center the microphone against your lips, and speak through the microphone as if you are talking to someone standing 10-20 feet away. While listening to your headset you will be able to determine where it sounds the clearest. It is very important that the helmet headset be adjusted properly to your personal listening comfort level.

1. Adjust the base setting and treble setting so the speakers meet your personal listening requirements.
2. Adjust the intercom volume so you can clearly hear yourself through the speakers. How loud or soft your voice is in the speakers is entirely up to you.
3. Adjust the shunt volume, or the loudness setting that activates your microphone. The microphone should activate with your voice and not wind noise.

Note: If the thumb wheels are not periodically moved, they can have moisture and dust build up that will create static. If this happens, use RDS cleaner to clean the thumb wheels and return the function to normal.

Installing and Using the Microphone Windsock Protector:

Our supplemental Microphone Windsock Protector is designed to reduce the wind noise that your microphone picks up and sends to the driver or passenger and ensures better voice quality. It will help keep your automatic volume control (AVC) from making your radio go up and down by itself due to wind noise.

To install the supplemental Windsock Protector, simply slip it over the microphone and foam windsock. Secure the cover by tightening the elastic cord and tying a knot to prevent loosening.

Note: Since helmet speakers may not be legal in all states you need to check local laws before using this product. This headset should not be used in any way that would impair the rider's ability to hear traffic or other noises. The volume level should be monitored and be kept low or off, depending on the circumstances. Big Bike Parts, Inc. cannot control the circumstances surrounding the sale and/or installation of this equipment or the particular helmet into which this equipment is installed. 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.

Warranty:

Big Bike Parts warrants that this Helmet Headset shall be free from defective material and workmanship under normal use and service for a period of two years from date of purchase. This warranty does not apply to any unit that has been modified or becomes defective as a result of improper use or mistreatment of the product. This warranty is in lieu of any other expressed or implied warranty on the part of Big Bike Parts or anyone else. Big Bike Parts shall not be liable for any consequential or incidental damage arising out of the breach of any warranties of its merchandise. Warranty returns will be handled only through our dealer network, not from consumers directly.



Helmet Headset

For Open or Full Face Helmets 5 Pin Din

With Microphone and Left/Right Speaker Volume Controls

Part No. 13-221 Model 221 XS

***Be sure to test the system before installation.
Always work slowly and routinely double check your work.***

Show Chrome Accessories® headsets are functionally tested with a simple microphone/speaker check using a compatible intercom. To ensure compatibility with your system, perform the following pre-installation check.

1. Insert headset plug into intercom jack.
2. Hold headset to your ears and speak into microphone. You should hear yourself in both ears.
3. Cycle volume control over full range while continuing to speak to ascertain proper control operation.
4. If you are testing our stereo headset on a monaural intercom you will hear audio in only the left (mic) side.
5. When the power is turned on you should hear a low level hiss in each ear. External noise should quiet somewhat but may not be too noticeable unless there are significant low frequency components in the noise. Each side should be free of any oscillation or other undesirable sounds.

Note: This headset is equipped with a volume control for the left and right earpieces and the microphone.

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Installation for ¾ shell and modular style helmets:

1. Using one of the headset speakers as a gauge, make sure there is enough room in the ear pocket of the helmet. If there is not enough room for your ear speaker, then you will have to enlarge the opening. This can be accomplished by pulling the inner liner down exposing the polystyrene, then cutting a small half moon shape to accommodate the speaker. Remove the polystyrene in small amounts, go slowly and double check your work to ensure the best fitment possible.
2. Use alcohol and a clean towel to remove any debris or residue in the bottom of the helmet's ear pockets.
3. Route the microphone boom behind the cheek pad on the left side of the helmet.
4. Peel off the protective backing from the hook and loop ring on the back of the speaker housing. Stick the speaker into the ear pocket.

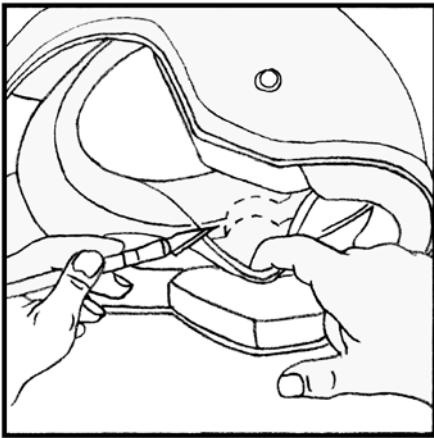


FIG. 1

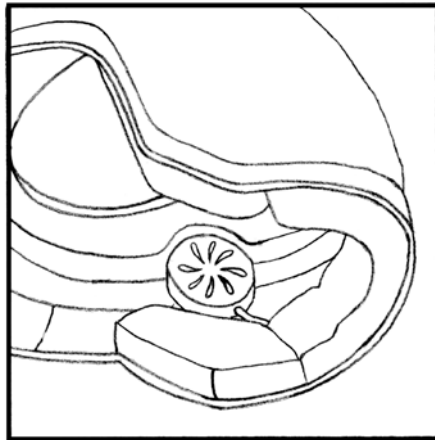


FIG. 2

Installation for full face helmets:

1. Most full-face helmets have a cheek pad or a complete chin guard assembly which can be removed. Each helmet manufacturer has a different method for padding and cheek pads, but in general, note where your ears sit in your helmet before proceeding. For most people with a properly fitted helmet, their ears sit approximately where the chin-strap for the helmet emerges. Remove this section, being careful not to damage the polystyrene.
2. With the speakers as a guide, mark a spot on the polystyrene that aligns the speaker to your ear. Using an X-Acto knife cut a hole for the speakers, one on each side. The hole should be snug to allow for a tight fit, remember to remove the polystyrene in small amounts, go slowly and double check your work to ensure the best fitment possible.
3. Route the microphone behind the left side cheek pad. Using an X-Acto knife create a hole at the front of the cheek pad so the microphone boom can stick through it.
4. Peel off the protective backing from the hook and loop ring on the back of the speaker housing. Press the speakers into the holes in the cheek pad and reinstall the cheek pad/chin guard into the helmet.
5. Use a blunt object, such as the eraser side of a pencil, to push the speaker connecting wire between the foam pad of the helmet and the helmet shell. Generally, all helmets have a rubber seam the runs around the lower edge of the helmet across the sides and back, you will have to remove this. Route the cable between the speakers under the padding behind the head, which you can access normally only by removing that rubber seam.

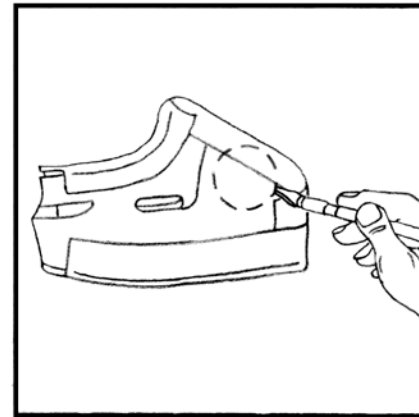


FIG. 3

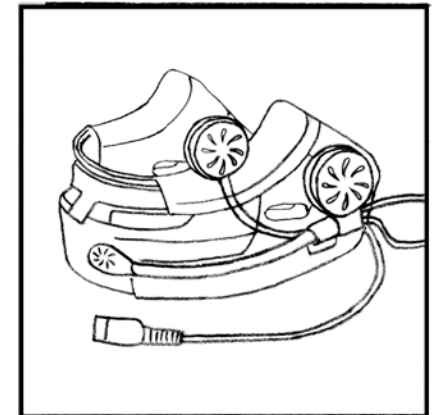


FIG. 4