

# Fitting the Background Noise Sensor (BGNS)

Within the riders helmet only.

The BGNS is designed to pick up helmet noise and use this information to automatically adjust both the volume and VOX controls of your **Super Pro AVi**, independently of the main headset microphone/s.

Ideally you want to tuck the BGNS in between the lining and outer shell of the helmet, normally around the back of the riders neck area, so that it is visible but not hanging out where it may be damaged if accidentally caught or knocked. If the gap is tight then carefully use the blunt instrument to help ease it in to place being careful not to damage the wire or BGNS and remember to plug the BGNS into the main headset harness. Avoid placing the BGNS too close to the speakers as loud music may affect the auto volume/VOX control and also avoid placing the BGNS too close to your mouth as this could cause the auto volume/VOX to rise when you are speaking.

## PS

We have found it very successful to place the background noise sensor between the cheekpad and the lining of the inner shell as shown in the pictures. Whilst riding at speed you must have the visor down. If you find that the background noise sensor is picking up too much wind noise in this position you can place some cloth over the mic to reduce its sensitivity.

