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Adjustment of the “Hands Free” Sensitivity of the INCX-4001 Fiber Optic Intercom

When used in the “hands free” mode the INCX-4001 fiber optic intercom automatically senses a user’s voice and switches to the transmit mode. After a short interval it then automatically switches back to the receive mode.

The nominal default setting provided from the factory for the voice detection “threshold” can be easily changed by the user. This is accomplished by adjusting a convenient small blue colored potentiometer located on the underside of the printed circuit at the corner alongside the speaker in the unit.



Turning this potentiometer clockwise will increase the sensitivity of this threshold while turning it counterclockwise will decrease the sensitivity.

Note that if the sensitivity is set too high the unit may “oscillate” due self-triggering from sound from the speaker. If set too low, the user will have to speak too loudly for operation.

This setting will not affect the normal “push to talk” sensitivity.