



## AdaptEar™

- Controls sound levels, enabling the safer use of earpieces with private mobile radios (PMR)
- Protects the user from loud noises and high levels of sound that can cause noise induced hearing loss
- Gives a visible warning that unit is helping to providing protection to the user
- Works with most earpieces
- Compatible with a wide range of PMRs
- Self powered, no batteries required
- Small, rugged and discrete
- Enables monitoring of multiple sources

## LimitEar™

LimitEar™ Limited is an innovative specialist technology company focused on protecting earpiece users from high noise levels that can induce hearing loss.

The patented LimitEar™ technology sets new standards in hearing protection by ensuring that professional ear piece users are always protected from excessive noise, which means they can always use their communications devices safely.

## AdaptEar™

The AdaptEar™ is a small unit that plugs between a private mobile radio and sensitive earpieces. It helps the user with hearing protection, allowing the appropriate attenuation to be used for the particular earpieces being used and the intended listening duration. Excessive signal levels cause the limit light of the AdaptEar™ to flash, informing the user that the signal levels into AdaptEar™ are above the advisable limit. This limiting light usefully allows the user to test the unit before use.

With the use of optional interchangeable adaptor leads, the AdaptEar™ enables the connection of a fist microphone to allow reverse communication with most PMRs. The auxiliary input allows simultaneous connection of other audio devices such as a second PMR channel, and MP3 players.

The AdaptEar is self powered, requiring no battery. All LimitEar products integrate seamlessly with most earpieces, headphones, earphones or in-ear monitors. Lightweight and slim-line, they adapt easily to a wide variety of professional communications systems.

With the use of optional interchangeable adaptor leads, the AdaptEar™ enables the connection of a fist microphone to allow reverse communication and, via the auxiliary input, the simultaneous connection of other audio devices such as a second PMR channel, mobile phones or even an MP3 player.



<b>Adapter Socket:</b>	6 pin locking miniDIN
<b>Fist Mic Connector:</b>	Motorola compatible 2-pin
<b>Aux-In Connector:</b>	3.5mm 4-pole (similar to iPod)
<b>Phones connector:</b>	3.5mm 4-pole (similar to iPod)
<b>Sensitivity Switch:</b>	6 steps of 4dB
<b>Earpiece Sensitivity Range:</b>	Nominal 100 to 120 SPL dB/mW
<b>Earpiece Impedance Range:</b>	Defined for 16 or 32 ohms; other impedances usable (see website for details)
<b>Input Impedance:</b>	Variable, depending on switch position
<b>Output Impedance:</b>	Low
<b>Maximum input:</b>	15Vpp



Distributed by:

### Head Office:

Boundary House, Boston Rd  
London, W7 2QE

**Email:** info@limitear.com

**Phone:** 0845 643 4055

