

## Re: Microphone and Pre-amplifier question

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- *From:* Eric R Snow <[etpm@xxxxxxxxxxxx](mailto:etpm@xxxxxxxxxxxx)>
  - *Date:* Fri, 25 May 2007 16:41:40 -0700
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On 24 May 2007 15:12:12 -0700, MRW <[mr.whatever@xxxxxxxx](mailto:mr.whatever@xxxxxxxx)> wrote:

On May 24, 5:29 pm, Eeyore <[rabbitsfriendsandrelati...@xxxxxxxx](mailto:rabbitsfriendsandrelati...@xxxxxxxx)> wrote:

I'm sure it'll be similar to the other one. You might be surprised how loud 'background noise' can be.

I nearly forgot the parabolic reflector. Somewhat large but has the advantage that it also amplifies the SPL at the mic.  
<http://www.bio.umass.edu/biology/kunkel/gjk/microphone.htm>  
<http://www.canford.co.uk/blueprin>

Graham

Parabolic reflectors, huh. Cool. I'll read up on it. I don't know much about mics. I thought it was as simple as hooking them up into an opamp and so on.

A parabolic reflector will limit the frequency response depending on the size. Since the wavelengths of the sounds we can hear are pretty large using a small diameter reflector will filter out low frequency sounds. I wonder what frequency range most farts are in? Maybe you can use a small parabolic dish to find out how tight your friends are.  
ERS