



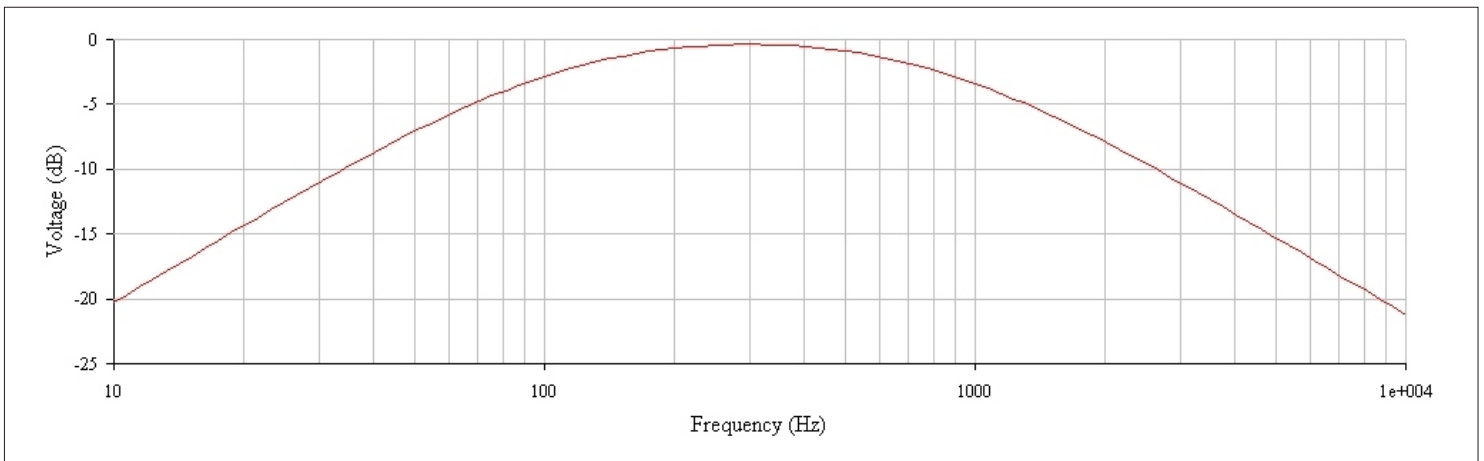
Dr Sonic – Audible noise detection

Applications:

Audible noise is a reliable indicator in various systems where other parameters are not available. For example, the downstream detection of flow in an air conditioning system can often be heard before any temperature or humidity change, and where actual flow measurement of low density fluid is difficult. Similarly the 'buzz' of a transformer is one of the few indications outside of its electrical operation that can be detected.

As 'Dr Sonic' deals specifically with acoustic ranges then any signal we can hear is a reasonable candidate to be detected with this unit. Applications and industries are widespread - from the detection of footsteps on a fixed steel gantry ladder to logging the mating calls of death-watch beetle from a set of wooden beams!

Performance and Response:



Specifications:

- Visual Indicator: Green/Red LED
- Power Supply: 10-32V DC @ 20mA typical
- Operating Range: -25°C to +85°C
- Size: 18mm x 53mm x 97mm
- Fixing: 2 off M4 set screws or studs
- Body Material: Injection moulded Nylon 66
- Environmental Rating: IP65
- Output: Isolated volt-free N/O contact rated at 48V max AC or DC @ 100mA