

18 March 2019

Mr Marcus Lavell  
Keystone Law Limited  
48 Chancery Lane  
London  
WC2A 1JF

By email to: marcus.lavell@keystonelaw.co.uk

Our ref: 19030833

Dear Mr Lavell

**Re: Bond, 27-28 Tombland, Norwich NR3 1RE**

Here are the details of the sound system at Bond following my visit. I inspected the premises on 14<sup>th</sup> February 2019 and observed that the sound system utilises Genelec 4020C installation speakers distributed across the ground and basement levels. There are no separate bass bins. This loudspeaker (see Figure 1) is a high quality but very small loudspeaker featuring a 4-inch bass driver rated at 50 Watts and with a limited frequency range of 62 Hz - 20 kHz ( $\pm 2.5$  dB).



**Figure 1: Wall mounted Genelec 4020C loudspeaker**

This is a small sound system by any standards, suitable for background music but not capable of producing high sound levels and certainly limited in terms of low frequency (bass) output. It would not be suitable for high level playback, karaoke, or music with significant bass content.

The control equipment is in the basement and this provides overall control of maximum level. There is a dB-Mark DP48 4-in 8-out Digital Active Crossover which includes parametric EQ, gain and limiter functions. The equipment is programmed and effectively tamperproof.



**Figure 2: Control equipment in basement**

Access to the residents' flats was not possible during my visit but the sound system is set, and gain-limited, and tamperproof. I recommend that periodically the limiters are checked to ensure that the maximum operating level is not likely to cause a nuisance at the nearest noise sensitive property. Assessment should be carried out, wherever possible, from the nearest noise sensitive property itself at a time when ambient noise is at its lowest (but within normal operating hours of the premises).

Please do not hesitate to contact me if I can be of any further assistance.

Yours sincerely



Richard Vivian BEng(Hons) MIET MIOA MAES MIOL  
Director, Big Sky Acoustics Ltd