

Introduction

The management team at Benham Park are concerned about noise from future events at the house disturbing their neighbours and hence asked Oxygen Event Services Ltd to conduct some testing of noise levels from amplified music from within the property. This was conducted on the 25th March 2026.

Equipment

A standard event disco set up was utilised for the tests comprising of 2 x Martin Audio X10 over Martin X115 Sub loudspeakers capable of delivering audio levels for a much larger venue with capability to deliver up to 6000 watts. Standard “dance floor” style audio tracks were utilised.

Sound level readings were taken by Decibel X Application.

Location and orientation

The PA system was set up at the North end of the Dining Room with system pointing due South. The nearest residential properties are located 425m to the West as shown below:



And 235m South by Southeast as shown below:



Results

Readings taken at the southern perimeter of The Dining Room over a 45 minute period consistently peaked at between 85 and 90db whilst being inaudible at both the boundaries featured above. All windows to the West side of the room were open during the test period.

Summary

For standard mobile discotheques in these locations there seems to be no issue regarding disturbance to local residents from this noise source.

We would advise however to enforce a 90db limit as described above. We would also advise that further audio level testing be conducted should any live music be occurring and further controls being actioned as required.

A handwritten signature in black ink, appearing to read "Paul AJ Edwards".

Paul AJ Edwards