

Acoustic Study – Version 2

New Premises: Arch 124, Water Street, Manchester, M3 4JW

Existing Premises: 2 Sheffield St, Manchester M1 2ND

Date: 27th September 2025 – Updated 19th October 2025

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1. Purpose of the Study

This report assesses noise levels at the premises during:

- Daytime, night-time, and weekends (outside noise)
- Internal noise during operating hours (mainly from air conditioning/ventilation)

It also identifies any noise control measures needed to prevent noise breakout and meet required standards.

2. Site Information

- **Use of Premises:** Professional Wrestling Training Centre
- **Type of Premises:** Railway Arch (New and Existing)
- **Current Air Conditioning/Ventilation:** Neither site uses air conditioning/ventilation systems. Both premises are railway arches with natural ventilation. Air conditioning/ventilation systems are not needed as the natural ventilation is sufficient for this use due to low occupancy. Classes are max 12 in current location, 20 in new location.
- **Operating Hours:**
 - Monday 14:00 - 21.30
 - Tuesday 17:00 - 21.30
 - Wednesday 14:00 - 21.30
 - Thursday 13:00 - 21.30
 - Friday 17:00 - 21.30
 - Saturday 10:30 - 16.30
 - Sunday 10:30 - 14:00
- **Main Noise Sources:**
 - Inside:
 - Training Drills – Maximum of 12 trainees per session – 2-6 running drills concurrently.

- Music – used occasionally in training drills, from small Bluetooth speaker
- Outside: road traffic, nearby businesses

3. Noise Measurements

Premises	Existing Unit	Existing Unit	Sound	New Unit	New Unit
Reading Type	Background (no Training)	Training in Progress	Increase	Background (no Training)	Training in Progress
Daytime	53.1	56	-2.9	54.1	N/A*
Evening	60.8	62.8	-2	54.4	N/A*
Weekend	60.9	72.8	-11.9	47.3	N/A*

*Note it is not possible to run a training session in the new premises as it is yet to be occupied

See Appendix for more details

Measurement Locations:

- **New Premises:** Arch 124, Water Street, Manchester, M3 4JW - **Front of building**
- **Existing Premises:** 2 Sheffield St, Manchester M1 2ND - **Front of building**

Examples of Noise Levels

- **40 dB:** A quiet library
 - **60 dB:** Ordinary spoken conversation
 - **70 dB:** Normal conversation
 - **85 dB:** A food blender
 - **88 dB:** Heavy traffic
 - **100 dB:** A nightclub
 - **110 dB:** A live music concert
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4. Existing Noise Control Measures

- **Air Conditioning/Ventilation:**
 - Neither site uses air conditioning/ventilation systems. Both premises are railway arches with natural ventilation is sufficient for this use.
 - **Audio System:** Small Bluetooth speaker, placed at rear of building to prevent leakage from front. Used occasionally for some training drills. Background music is not used in training sessions.
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5. Findings

- Noise levels from A/C and ventilation are: No noise, natural ventilation only
 - Internal noise penetration is: Very low, increasing the Background noise level between 2db and 12db directly outside the existing unit. This noise level is equivalent to a normal conversation.
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6. Recommended Noise Control Measures

- None – no great impact on external area noise from the training session
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7. Conclusion

I believe our noise levels are with reasonable levels, I would expect the new premises structure as with the existing structure to prevent excessive noise breakout to surrounding areas.

The noise level from the proposed use is likely to be significantly lower than for any industrial use as currently authorised.

Appendix

Identifying Receptors

Equipment: iPhone 13 Pro MLVD3NB/A – iOS Version 18.7.1

Software: Decibel X Pro Sound Meter – SkyPaw Co Ltd

Db Meter Readings

Day	Date	Time	Db	Training in Progress	Premises
Wed	24/09/2025	20.44	62.8	Yes	Existing
Wed	24/09/2025	21.58	60.8	No	Existing
Fri	26/09/2025	17.24	53.1	Yes	Existing
Fri	26/09/2025	21.18	56	No	Existing
Sat	27/09/2025	10.37	60.9	No	Existing
Sat	27/09/2025	18.46	72.8	Yes	Existing
Sat	26/09/2025	15.43	54.4	No	New
Sat	27/09/2025	10.43	47.3	No	New
Mon	29/09/2025	12.34	54.1	No	New

