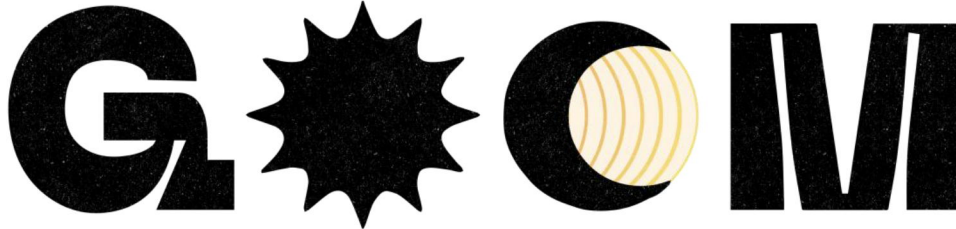


APPENDIX H:



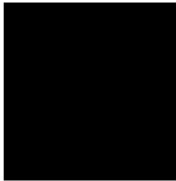
APPENDIX H: Audio Management

Project Title: Goomfest

Venue: 363 Saint Mary Road, Wangoom VIC 3278

Dates: 5/4/25 – 6/4/25, 3/4/27 – 4/4/27, 7/4/29 – 8/4/29

Version Control Table

Version Number		Author	Date
5.1		(Managing Director)	26.7.22
5.2		(Managing Director)	25.11.22
5.3		(Managing Director)	27.7.24
5.4		(Managing Director)	7.2.25

Audio Management

Goomfest is committed to providing high-quality sound and production while ensuring compliance with Environmental Protection Authority (EPA) regulations. Our approach to noise management includes:

Sound Level Monitoring and Compliance

- The PA system, speakers, and stage will be positioned away from residential and business zones where possible to minimize noise impact.
- Sound levels will be continuously monitored at the stage, front of house (FOH), and mixing desk to ensure compliance with noise limits.
- Noise at noise-sensitive areas will be monitored and kept below the prescribed limit of **65dB(A)** as per r 91(a) of the Noise Protocol.
- Real-time sound level measurements will be taken using professional-grade sound level meters.
- The event will adhere to all EPA and council noise regulations and guidelines, implementing any recommended noise mitigation strategies.

- Sound checks will be conducted before the event to assess potential noise concerns and adjust accordingly.

Location and Noise Impact Considerations

- **Venue Location:** 363 Saint Mary Road, Wangoom VIC 3278
- **Noise Emission Sources:** Main stage, PA system, speaker placements, generators.
- **Noise-Sensitive Areas within a 5km Radius:**
 - Residential properties in Wangoom and surrounding rural areas.
 - Nearby farms and equestrian properties.
 - Any other identified noise-sensitive receptors.
- **Geographic and Topographic Features:**
 - Natural tree lines and hills providing some sound buffering.
 - Open farmland and bodies of water that may affect sound propagation.
 - Access roads that could impact noise travel.

Predicted Noise Levels and Calculation Methods

- The closest residential property is approximately **350 meters from the stage**.
- Noise levels will be predicted using the standard inverse square law formula: **$Lp2 = Lp1 - 20 \log (r2/r1)$** , where:
 - **Lp1** is the sound level at the source (stage area, estimated around 100-105dB(A) at FOH).
 - **r1** is the reference distance (typically 30m from the stage at FOH).
 - **r2** is the distance to the nearest residence (350m).
 - **Lp2** is the estimated noise level at the nearest sensitive receptor.
- Based on this calculation, sound levels at 350m are predicted to be approximately **55-60dB(A)** under standard conditions.
- Additional factors such as wind direction, humidity, and terrain will be considered to refine the estimates.
- On-site measurements during the event will validate and adjust these predictions as needed to ensure compliance with the 65dB(A) limit.

Noise Monitoring and Responsibility

- **Monitoring Equipment:** Professional sound level meters (Type 1 or Type 2) will be used at key locations.
- **Monitoring Personnel:**

- **Audio Engineers:** Responsible for live monitoring at FOH and mixing desk.
- **Event Manager:** Ensures compliance with noise regulations and communicates with local authorities.
- **Designated Noise Compliance Officer:** Conducts noise assessments at noise-sensitive areas and provides recommendations.

Complaint Handling Procedures

- **Resident Notification:** Local residents will be informed of the event via:
 - Personal notifications.
 - Public marketing, online advertising, and media releases.
 - Posters and paid promotions.
- **Complaint Management:**
 - A dedicated **Noise Complaint Contact Person** will be available during the event.
 - Complaints will be logged, investigated, and addressed immediately.
 - Adjustments to sound levels will be made if necessary to maintain compliance.
- **Noise Complaint Contact Details:**
 - **Name:** [REDACTED] (Managing Director)
 - **Phone:** [REDACTED]

Professional Audio Team

- Contracted audio engineers from **D.I.Y HiFi**:
 - [REDACTED]
- Audio engineers will maintain communication with the stage managers, event manager, and emergency officer for any necessary public announcements.

Risk Management

GOOMFEST acknowledges the potential risks associated with noise emissions and has implemented measures to ensure compliance with EPA regulations while minimizing community impact. Key risks include exceeding prescribed noise limits, resident complaints, and technical failures.

To mitigate these risks, sound levels will be continuously monitored using professional-grade meters, and adjustments will be made as needed to maintain compliance. Residents will be notified in advance, and a designated contact person will be available to manage complaints. Professional audio engineers will oversee sound management, with contingency plans in place for equipment failures or adverse weather conditions.

These measures ensure that GOOMFEST operates within regulatory requirements while maintaining a positive relationship with the local community.

By implementing these measures, Goomfest aims to deliver an enjoyable experience while respecting the needs of the surrounding community and adhering to all regulatory requirements.