



# Noise Management Process Fact Sheet

## PREAMBLE

### 1.1 Background

This document has been formulated in response to an increasing need for a comprehensive and strategic approach to managing noise at events, which respects both legislative requirements and the concerns and comfort of local communities.

### 1.2 Purpose

The core purpose of this document is to establish clear guidelines regarding the management of noise during events, stipulate acceptable noise levels, and provide a systematic process for addressing any noise-related complaints.

### 1.3 Scope

The procedure is applicable to all event organisers, sound engineers, and all parties involved in the planning and execution of events in Holdfast Bay. This includes events of all types that have the potential to produce noise impacting the surrounding communities.

### 1.4 Definitions

- a) Leq: The equivalent continuous sound level - this is the average noise level over a specified period.
- b) Lmax: This is the maximum noise level that was recorded during a given period.
- c) Noise Sensitive Receivers: These are locations where noise-sensitive activities are typically conducted (for example, residential homes, hospitals, schools).
- d) Noise Management Bond: A financial guarantee paid by event organisers to ensure compliance with their communicated noise management plan - levied at the discretion of the council.
- e) Acoustic Engineer: Appointed at the discretion of the council. Has access to an extensive range of equipment that allows them to monitor event noise simultaneously at multiple locations during an event, both on-site and off-site providing independent expert opinion and direction relating to the event organisers compliance with their noise management plan and council's noise management procedure.

## 2 Process

- a) Noise Levels: The Front of House (FOH) should strictly adhere to the maximum noise levels of 100dB (C) Leq (15 min).
- b) Bass Music Level: The unweighted bass noise level in any of the 31.5, 63 or 125 Hz octaves should not exceed the maximum noise level target by more than 15 dB in the 31.5 Hz band and 10 dB in the 63 and 125 Hz bands.
- c) Noise Level Targets: The maximum noise level targets at Noise Sensitive Receivers should be 75dB (A) Leq (5 min) or 90dB (A) Lmax (1 min). The unweighted Leq level should not exceed 80dB in either of the 31.5Hz, 63Hz or 125Hz octave bands.

- f) **Acoustic Engineer:** An acoustic engineer may be required at events to ensure compliance with the noise level targets, providing recommendations on sound equipment and layout to optimise sound distribution and minimise noise leakage to Noise Sensitive Receivers – appointed at the discretion of the council.
- d) **Site Plan Approval:** Event organisers should seek site plan approval, which should incorporate the proposed noise management measures, including speaker locations, direction of sound propagation, and any planned noise barriers or buffer zones.
- e) **Noise Management Plan:** Requested at the discretion of the council. Event organisers should have a noise management plan in place that outlines the strategies for managing and monitoring noise, detailing methods and frequency of noise monitoring, strategies for noise reduction if targets are exceeded, and contact information for responsible personnel.
- f) **Noise Management Bond:** Required at the discretion of the council. Event organisers may be required to pay a Noise Management Bond as a financial guarantee for compliance with their Noise Management Plan. The bond amount will be determined based on factors such as event size, location, and anticipated noise levels. If the event is found to be in compliance with the Noise Management Plan, the bond will be returned to the organisers. If there are breaches to the Noise Management Plan, financial penalties may be deducted from the bond at the discretion of council.
- g) **Event Hotline:** Requested at the discretion of the council. Establishing an event hotline will provide real-time communication with the community, handled by a dedicated team that can address calls and complaints promptly.
- h) **Complaints Procedure:** Requested at the discretion of the council. There should be a clear process for handling noise complaints, including immediate remedial actions when noise levels exceed set targets. This should detail steps taken when a complaint is received, who is responsible for taking action, and how the outcome is communicated back to the complainant.

## REFERENCES

- a) "Environment Protection (Noise) Policy 2007 (SA)" - This policy sets out legislative requirements regarding noise management at events in South Australia. The policy is available at the South Australian Legislation website, [legislation.sa.gov.au](https://legislation.sa.gov.au)
- b) Australian and New Zealand Standard, AS/ NZS 1055.1:2018 Acoustics - Description and measurement of environmental noise" - This standard outlines methodologies for acoustic measurement, and is applicable to event noise management. The standard can be accessed through the SAI Global Infostore, [infostore.saiglobal.com](https://infostore.saiglobal.com)