



## **O2 Victoria Warehouse Manchester**

### **Sound Control Procedure**

#### **Personnel**

To ensure the licensing objective for the prevention of public nuisance is promoted the music noise level from events at O2 Victoria Warehouse (O2VW) will be controlled in accordance with the sound control procedure outlined below.

O2VW will appoint a suitably qualified Sound Management Consultant to work at each music event. The Consultant will liaise with the team of audio engineers based at the stages. The audio engineers will work under the instruction of the Consultant and put in to place any required alterations to the sound systems overall or frequency-based output as required. O2VW management will be kept updated with regard to the external off-site noise levels throughout the event.

#### **Sound Control Program**

##### **Sound Monitoring and Control**

O2VW will inform all relevant parties that the appointed sound management Consultant are undertaking the sound control role and that this role has been appointed and approved by O2 Victoria Warehouse. The Consultant will have ultimate operational control over all the sound levels throughout the event. Therefore, all other parties, including artists, production managers, stage managers and sound engineers will be instructed not to increase any sound levels unless specifically agreed by the Consultant responsible for sound control.

Throughout all music events the external off-site music noise level will be subjectively assessed and measured using a class 1 specification integrating sound level meter capable of measuring third-octave frequency bands. Third-octave band measurements will be regularly taken at monitoring positions representative of the noise sensitive premises in the vicinity of the venue.

If the external off-site music noise level is assessed by the Consultant to be at a level that requires action the sound engineer will be instructed to reduce the music noise level, until a satisfactory observation and measurement of the music noise level is taken. In addition to the control of the



broadband sound level, frequency adjustments can also be made to reduce the sound at certain low frequencies, often characterised outside the venue as a 'bass beat'.

Internal on-site measurements will be taken with a class 2 specification integrating sound level meter capable of measuring third-octave frequency bands sound level meter at the sound engineer FOH position. By measuring and displaying the continuous internal on-site music noise level to the sound engineer the amount of sound level creep will be reduced.

Throughout all events, the Consultant will be available to liaise with Local Authority Officers responsible for noise, if required. Results of the external off-site noise monitoring and any related actions will be collated and kept available by the Consultant for inspection by the Local Authority at any time during or after the events.

#### Response to Complaints

All complaints will be logged and those relating to noise will immediately be relayed to the Consultant with details, where provided, of the complainant's name, address and postcode, telephone number and a description of the disturbance.

Should any complaints of noise be received, at any time during an event or sound checks, the Consultant will visit the complainants address (externally) and undertake a subjective assessment and measurement. If the music noise level is assessed by the Consultant to be at a level that requires action immediate steps will be taken on-site to reduce the level from the event. This will be achieved by two-way radio or mobile phone communication with all persons involved with the sound control procedures, thus a quick response to the problem can be actioned. However, from experience, it has been found that this pro-active sound control procedure will prevent the limits from being exceeded in the first place.

Results of complaint investigation monitoring and any related actions will be collated and kept available by the Consultant for inspection by the Local Authority.

#### Post-event Reports

A post-event sound control log will be available within 14 working days of each event including a summary of the external off-site noise level measured throughout the event; actions taken as a



result of the measurements; complaints received; complaint investigation measurements; and any actions taken as a result of complaint investigation.