

## **Red Rocks Sound Pressure Level (SPL) and End time regulations**

Effective January 1, 2014 (all events commencing on or after January 1, 2014)

In order to reduce the sound level impacts on the neighboring residents from concerts being staged at Red Rocks Amphitheatre, the City and County of Denver is implementing the following regulations on sound pressure levels (measured in decibel or dB levels) and event ending times. These regulations will be included into each user agreement executed for the rental of Red Rocks Amphitheatre for performance events.

### **Sound Pressure Levels – measured at the fixed front of house mix position**

The A-weighted Leq sound pressure level shall not exceed 105 dBA for 1 minute averages after 12:00 AM on weeknights and 1 AM on weekends/Holidays

The flat (no weighting applied) Leq sound pressure levels shall not exceed 125 dB for the frequency range of 25-80 Hz for 1-minute averages after 12:00 AM on weeknights and 1 AM on weekends/Holidays

The levels will be measured by equipment provided by the City and County of Denver located at the front-of-house mix position. The monitor will provide the sound engineer with data used to manage their sound pressure levels (SPL.)

Violation charge: \$10,000 (for every 5 times (consecutive or non-consecutive) the 1-minute average exceeds the stated limits in a given day)

When violations occur, the City and County of Denver retains the right to take corrective action as needed including cutting power to the production.

### **Ending Times**

Amplified outdoor performances at Red Rocks shall conclude no later than the following:

Weeknights (Sunday night-Thursday night): 12:30 AM

Weekends/Holidays (Friday and Saturday night and nights before holidays, July 3, night before Memorial Day and night before Labor Day): 1:30 AM

Violation charge: \$5000 for each ½ hour increment

When violations occur, the City and County of Denver retains the right to take corrective action as needed including cutting power to the production.