NoiseMeters

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Sentry Music Noise Controller

Features

- Continuously monitors the sound levels
- Cuts the power when the sound levels are too high
- Difficult to bypass

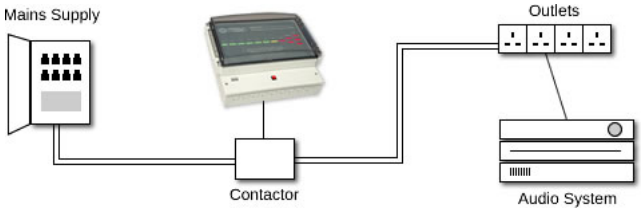
Applications

- Dealing with complaints from local residents
- Pubs, clubs, discos
- Live music venues
- Hotels

Music Noise

The need for loud music in an entertainment venue can result in "noise" outside, which will not be appreciated by local residents. The most common way to control this noise problem is to install a Music Noise Controller, which will cut the power to the amplifier and related equipment when a preset sound level has been exceeded for a given period of time.

The Sentry usually connects between the electrical supply and the power outlet sockets that are to be used for the audio equipment. It can be used to simply control the signal to the speakers, should you not want to remove power from all the equipment, but the usual requirement is to install it in the mains power circuit, making it difficult to bypass.



Using the Sentry

The Sentry is simply there to stop the DJ or live band from exceeding the specified limit. In normal use (everybody behaving!) the green lights will indicate the current level and there will be no intervention.

When the sound levels are too high, first the yellow and then the red indicators will show. If this happens briefly then the Sentry will ignore it. If the level is exceeded for 20 seconds (this default period is adjustable from 10 to 70 seconds) then the power to the audio equipment will be cut off and need to be manually reset.

For more details about installing the Sentry and setting up the level please visit the **Installation** tab.

Main Options

Contactor The Sentry itself is for controlling low voltage systems. To control AC Power (110 to 240 VAC) you also need a Contactor.

External Microphone The Sentry has a microphone built in, but can accept a external microphone for a more flexible monitoring position.

Remote Reset After the Sentry cuts the power you need to press the red button to reset it. A remote reset button can make this more convenient.