

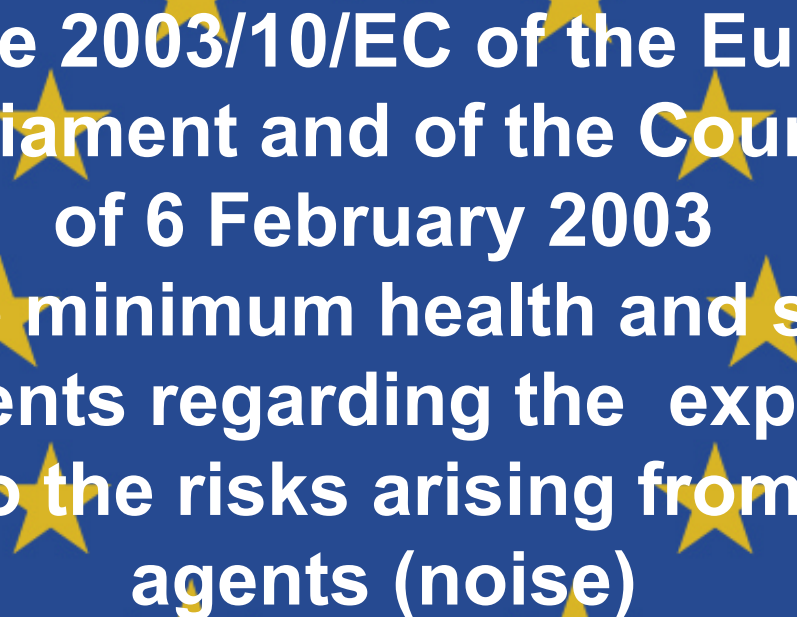
Music – Safe and Sound



Requirements of the EU-Directive 2003/10/EC “Physical Agents, Noise”

Dr.-Ing. P. Kurtz
BAuA

Music – Safe and Sound



**Directive 2003/10/EC of the European
Parliament and of the Council
of 6 February 2003
on the minimum health and safety
requirements regarding the exposure of
workers to the risks arising from physical
agents (noise)**

Does the Directive apply for the Music and entertainment sector?

Article 14:

Every member state has to draw up a code of conduct providing for practical guidelines to help workers and employers in the music and entertainment sectors to meet their legal obligations as laid down in the Directive.

Article 17, 2.:

The code of conduct must be available at the 15 February 2008 latest.

Requirements of the Directive 2003 /10/EC

	daily noise exposure level $L_{EX,8h}$	C- weighted peak sound pressure level L_{pCpeak}
Exposure limit values	87 dB(A) Considering the effect of hearing protectors	140 dB(C) Considering the effect of hearing protectors
Upper action values	85 dB(A)	137 dB(C)
Lower action values:	80 dB(A)	135 dB(C)

Directive 2003 /10/EC

Employers obligations

- **Risk assessment**
- **Information of the worker concerning the risks and noise reduction measures to be applied**
- **Noise reduction (concept of minimisation)**
- **Provision of hearing protectors if the lower action values are exceeded**
- **Health surveillance (audiometric testing) if the lower action values are exceeded**

Directive 2003 /10/EC

Employers obligations and **employees obligations** if the upper action values are exceeded

- **Noise reduction programme of technical or organisational measures**
- **Marking of workplaces where workers could be exposed to noise exceeding the upper action values**
- **Marked workplaces shall be delimited and access shall be restricted**
- **Using hearing protectors**
- **Checking the use of hearing protectors**
- **Offering a health surveillance by a doctor**

Reducing noise exposure

**Noise reduction
at source**

**Noise reduction on
the transmission
path**

**Noise reduction
at the exposure
location**

**Organisational
noise reduction
methods**

**Application
of PPE**

Classical noise reduction concept

Noise compared to Sound

Noise is a by-product

Sound is the product

Is the classical concept of noise reduction suitable to reduce the exposure of people working in the music and entertainment sector ?

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Answers?

I expect that this forum will provide some!