

Michael Sells

Gets great sound to where you want it

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Health and safety risk assessment

Risks

The main risk categories are set out here;

1. Injury to site personnel or visitors from tripping over cables or equipment
2. Electric shock from malfunctioning equipment
3. Electric shock or injury due to deliberate tampering with equipment by unauthorised persons
4. Injury from speakers or other equipment falling on visitors or site personnel
5. Failure of equipment preventing the broadcast of important safety, warning, or evacuation messages
- 6.. Hearing damage due to excessive volume

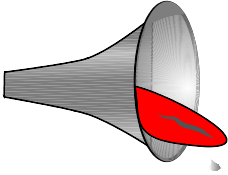
Risk management procedures.

Cables are never placed where there is any risk of people tripping over them. Cables are normally run along fences, over roofs of tents or buildings, over tree branches, and always over doorways or tent entrances. Where cables have to run over or across walkways, they are buried at least 30mm deep in slit trenches cut into turf. Where cables run overhead, they are placed at least 4 metres above ground level. Cables are only run overhead if there is no danger of them being damaged by high sided vehicles. Cables are never allowed to trail over hard surfaces except where access is strictly prohibited to anyone other than our own personnel.

Speakers are securely clamped with 50mm scaffold fixtures to custom designed steel tripod stands or a scaffold structure. The stands or structures are always securely roped or clamped to a secure permanent anchor, such as a building, tree, large tent upright, permanent fence, or 100mm securely positioned fencepost. No speakers are ever sited where there is no means of securing them to a permanent anchor.

All equipment and cables are inspected at and tested in our workshop at least once per season for any damage, wear, performance, and electrical safety. Cables have soldered heavy duty connectors to improve reliability and safety. No screw terminal connectors are used on any cabling, as experience has shown that they work loose. Faulty equipment or cables are substituted with spares and no repairs are attempted on site.

To prevent the danger of tripping over cables, or risk of shock, Radiomics are used wherever possible.



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Risk management procedures (continued).

Equipment other than microphones and speakers is always situated in an area where there is no public access, and clearly marked as such and roped off. If this is not possible, a customised caravan is used to keep equipment secure from tampering. Speakers are always placed above reach in order to deter tampering. There are no high voltages on speaker cables.

Notices are placed prominently to state that the public address equipment is required for emergency announcements and as such is part of the site safety equipment, and any tampering will result in criminal prosecution.

Except for very small installations, where a member of the organiser's staff is briefed to operate the equipment, we always have one or more personnel on site to operate the equipment, and also patrol and inspect all speakers, check volume, check cables, and other equipment for correct functioning, safety, and evidence of damage or vandalism.

When it is not possible to continuously monitor volume levels, automatic limiters are installed to control volume to safe levels.

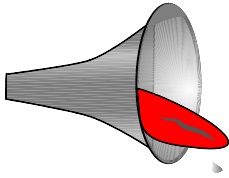
All site personnel, stall holders, ambulance, police, etc are briefed regarding who and where those operating the PA equipment are situated, and how to contact them when required

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THE TOUGHEST LOUDSPEAKERS IN THE WORLD

AGENTS



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WARNING

This public address equipment is essential for emergency announcements, such as evacuation, and contacting site personnel. As such, it is an essential part of the Site Safety equipment and any unauthorised tampering with the equipment will be reported as a criminal offence.

If there are any problems, please contact the PA site operator or the organiser's office.

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