

Case Study

Home for the elderly,
Kontula, Finland

Summary

48 SLS loop systems have been installed in all public spaces in a home for elderly people in Finland. Despite a problematic installation the project was successfully completed resulting in higher accessibility for the hearing impaired residents.

Challenge

To make it possible for hearing aid users to enjoy music, watch TV and listen to a sermon or lecture without interfering with each other. The building has seven storeys including basement and the rooms to be covered were often situated above/below each other.

Solution

As the rooms often were either adjacent or above/below each other it was rapidly decided to install SLS loop systems throughout the house. The first plan was to install the loop wires using thin copper foil directly beneath the linoleum carpet. After tests this solution was abandoned as the contours of the copper foil were visible under the carpet. As a result the loops had to be installed in a suspended ceiling about 2.4-2.8 meters above the floor. This made the installation process more complicated and wooden bars had to be used to attach the copper foil across the metal network of the suspended ceiling. The ceiling height (between 3.7 and 4.6 meters) and the exceptional overspill control built into the SLS system made it possible to finalize the installation successfully with a signal-to-noise ratio good enough to allow simultaneous use of the loops.



Conclusion

The result was that all public areas, ranging from 25-120m², were made accessible: dining rooms, cafeterias, TV rooms, gyms, meeting rooms and several halls. Also the chapel was covered and for any other space or for outdoor use a portable loop system was purchased. This portable loop system can also be used during excursions.

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Products used

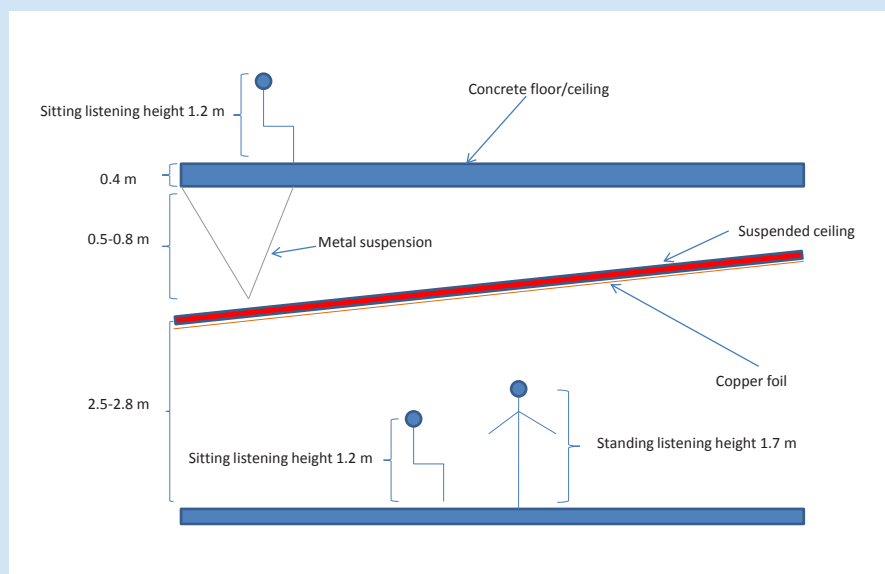
Univox[®] SLS-100 XF

Univox[®] Copper foil 2.5mm²

Univox[®] p-LooP portable loop case

Responsible company in Finland

OY Danalink, Helsinki



Univox by edin, the world's leading expert and producer of high quality hearing loop systems, created the very first true loop amplifier 1969. Ever since our mission is to serve the hearing community with the highest degree of service and performance with strong focus on Research and Development for new technical solutions.