

Case Study

Haci Hasan Mosque, Turkey



Univox® products used

SLS-100XF, Super Loop System®

Responsible company

ID Türkiye, Turkey

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The Haci Hasan Mosque is situated in the city of Eskisehir, a city in Central Anatolia. It was originally built in the 13th century and is a beautiful example of Seljuk architecture. The architecture can be found in the areas where the Seljuks ruled; most of the Middle East and Anatolia between 11th-13th Centuries. The homeland of the Seljuk architecture was Turkmenistan and Iran, where the first permanent Seljuk buildings were built. Unfortunately the Mongol invasions and earthquakes destroyed most of these buildings and only a few remain. The greatest number of surviving Seljuk monuments can be found in Anatolia.

The Haci Hasan Mosque was restored, redesigned to be the first mosque in Turkey fully accessible to all disabled groups and reopened for worship in 2012. The mosque opened to prayer by Director of Religious Affairs, Mehmet Gormez. He identified the mosque as an example for the whole country and set the systems used as a standard for accessible mosques. This was the first mosque in Turkey to be looped and to our knowledge the first in the Muslim world. The mosque has gotten wide coverage on local and national Turkish media and people from all around the city are coming specifically to this mosque because of the loop.

It was extra challenging to design a loop system for a mosque. Muslim prayer requires head touching the ground; therefore cables had to pass around the perimeter, as a normal SLS design would not work. A conventional perimeter loop system would prove problematic, due to t-coil position, when the listener is parallel to the loop plane, as this would cause the signal to fade. Therefore a 3D-SLS system design which radiates horizontal and vertical energy, was used, i.e. the master loop is placed around the ground floor, and the slave loop around the back and/or front wall. The installation was carried out by Univox' Turkish partner ID Türkiye.

