



CATHEDRAL OF ST. MICHAEL AND ST. GUDULA

COMPANY: AUDAC
LOCATION: BRUSSELS, BELGIUM

The Cathedral of St. Michael and St. Gudula is a Roman Catholic church in Brussels. One of the oldest and most beautiful cathedrals in Belgium, it originated as a chapel to honour St. Michael and was built on the Treurenberg hill in the 9th century. In the 11th century, it was replaced by a Romanesque church and, in the 13th century, they added two round towers, both 64-metres high and built of stone from the Gobertange quarry, located 45 km south-east of the city. In total, it took about 300 years to complete the church - it was finally finished in 1519, just before the reign of the emperor Charles V. Since 1962, the church has

been given cathedral status. In the towers, you can visit exhibitions, events, concerts and other social events that take place on a regularly basis. There is also a remarkable archaeological site and if you like, you can get a guided tour from one of the many volunteers. Because of the versatile character of the church there was a need for a complete, new audio system that can be used during these different types of events. It was important that there was a clear sound reproduction, with there being a difficult architectural form in the cathedral, and that the loudspeakers would blend perfectly into the ancient cultural heritage. With

all these factors in mind, the installer decided to use 60 AUDAC AXIR design column loudspeakers, each one metre long. They are specially-designed for optimal speech and sound reproduction in open areas with high ceilings. This is necessary for the comprehensibility of the priest during the mass service. They also installed 10 KYDO column loudspeakers in support for the remaining spaces; the complete installation is powered by just one SMQ750 quad-channel power amplifier with WaveDynamics technology.
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