

CONFERENCE Conference Centre – Herzogenaurach

SCHAEFFLER



■ The approximately 6000 square meter of the decentralised audio ceiling system for conference use and voice alarm was realised with invisible Novasonar flat-panel loudspeakers mounted in the smooth and perforated gypsum plaster ceilings. In order to ensure correct functioning of the voice alarm systems, the flatpanels are

equipped per se with two separate loudspeaker circuits ensuring speech intelligibility at all times, should one loudspeaker circuit fail. The presentation sound also comes from Novasonar flat-panel loudspeakers.

TRAFFIC North-South City Subway Cologne, underground stations

KVB



■ In the underground stations of the North-South City Subway in Cologne, focus was on the architecture. The invisible public address system for paging ensuring full area coverage and intelligible speech alarm in case of emergencies has been realised utilising Novasonar flat-panel loudspeakers, the loudspeakers are

integrated into the ceiling and wall panelling. The architecture remains untouched. Each loudspeaker is equipped with two separate loudspeaker circuits offering redundancy ensuring speech intelligibility at all times should one loudspeaker circuit fail.

HOME Exclusive home in North-Rhine-Westphalia



■ In this exclusive home a multi-room sound reproduction system has been realised, with full room coverage in the sectors: living, sleeping, kitchen, bathroom, wellness and swimming pool. To this end, Novasonar flat-panel loudspeakers have been

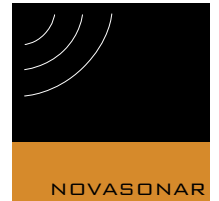
integrated into the acoustic ceilings, smooth gypsum plaster ceilings and walls, furniture and special moist room boards applied for swimming pools.

CLINIC / CLEAN ROOM Operating theatres

for example, in the Cadolto Fertiggelände GmbH & Co. KG buildings



■ The strict standards and requirements in force to meet hygiene regulations were easily met when applying Novasonar flat-panel loudspeakers.



Hotel

▣ In World-renowned luxury hotels in London, Paris, Milan

Invisible Novasonar flat-panel loudspeakers ensure discreet background music in the lobbies.

Culture / Theatre

▣ Llanelli Theatre / Wales ▣ State Theatre Brunswick ▣ Music Theatre / Gelsenkirchen

▣ State Theatre Darmstadt

Invisible Novasonar flat-panel loudspeakers, installed in walls and (balcony) ceilings. They are perfectly suitable for generation and projection of simulated reflections by the electronic acoustical enhancement systems.

Whereby room acoustics are adapted to different acoustical requirements at the press of a button. Acoustically the hall gets adjusted to optimize the performance of for instance a chamber orchestra, a symphony orchestra and drama (speech). In the Llanelli Theatre in the city of Llanelli / Wales, Novasonar flat-panel loudspeakers are additionally used to create sound effects as well.

Shop

▣ Flagship stores of well-known fashion brands in Hong-Kong, Shanghai, London, Paris, Milan

A good many examples of invisible sound systems integrated in premium stores have been realised with Novasonar flat-panel loudspeakers and subwoofers throughout the world.

Clinic / Clean Room

▣ Surgery Centre of Ludwig-Maximilians University (LMU) Munich

In here, 32 operating theatres have been equipped with Novasonar flat-panel loudspeakers because strict hygiene regulations had to be observed. They are implemented, for example, for live surgery communication.

Fairs / Exhibitions

▣ Fair stands Mercedes-Benz, BMW, Porsche

Invisible Novasonar flat-panel loudspeakers have been integrated into complex exhibition stands of prestigious car manufacturers, for example, the IAA Frankfurt, Automobilsalon Geneva and Detroit Motor Show (NAIAS).

Education / University

▣ Friedrich-Alexander-University Erlangen-Nuremberg

In the new building for mathematics and informatics, the invisible public address system was realised with Novasonar flat-panel loudspeakers in three lecture halls, various seminar and computer rooms and in the dean's offices. Novasonar flat-panel loudspeakers offer outstanding speech intelligibility at any listening position.

Monument protection

▣ New City Hall Hanover – Hodlersaal

In the Hodlersaal, part of the new City Hall of Hanover, invisible Novasonar flat-panel loudspeakers have been integrated into the front panel of individual seats, which are arranged in a circle. The loudspeakers transmit speech to the opposite seats.

Skyline

▣ The Shard London

In luxury apartments in The Shard in London, invisibly integrated Novasonar Dynamic 60 GK and Boxer 100-2 GK Subwoofers make for perfect surround sound in exceptional architecture.

▣ Green Towers Frankfurt am Main

Novasonar flat-panel loudspeakers have been integrated into the metal ceilings in the boarding rooms and in the cafeteria of the Deutsche Bank in Frankfurt. In the conference rooms, installation has been accomplished in the acoustic cooling ceilings and drywalls.

▣ Taunusturm Frankfurt am Main

In the entrance hall of the Taunusturm, the voice alarm system has been equipped with Novasonar flat-panel loudspeakers in the 12 metre high ceiling. The loudspeakers for the voice alarm system in the escalator area have been invisibly integrated into diverse light-weight thin-stone boards from the GRAMA BLEND GmbH. There is no visual difference between the thin-stone boards and the rest of the frontage.