

BOSE® PROFESSIONAL SYSTEMS DIVISION
SUCCESS STORY ▯ FARUM SV ▯ MMEHAL

The venue

Farum Sv ▯ mmehal is a complex of three swimming pools, forming part of a large sports centre in the city of Farum, north of Copenhagen.

The challenge

An effective distributed sound system is essential, despite a difficult acoustical environment, and it must be easy to operate by many different users. Music is important in the daily use of the Sv ▯ mmehal, and clear communications are needed to all areas when the venue is used for competitions.

The solution

Design a flexible, multi-zone sound system that delivers high quality speech and music throughout the building. Complete the installation with environmental speakers, and with user-friendly paging panels and controls for all areas.

The result

A high performance BOSE® sound system, designed to withstand constant day-long use by many different people, and durably built for years of reliable service in harsh poolside conditions.

BOSE® PROFESSIONAL SYSTEMS DIVISION ▯ COMPLETE COMMERCIAL SOLUTIONS

Customer
focus

Acoustic
design

Listen before
you buy

Project
management

Products and
accessories

Installation
services

After sales
services

BOSE®



A GREAT PLACE TO SWIM, BUT WILL SOUND QUALITY TAKE A DIVE?

The venue

The challenge

The solution

The result

Farum Svømmehal is not merely one swimming pool. It is a complex of three pools, the largest being an Olympic-size 50m pool used both for leisure and for national and international swimming competitions.

For fun use, the basin floor can be raised and the pool split into three smaller pools. There is a special pool for small children, only 45cm deep,

while the bold can try the 5m board, the slide or the climbing wall suspended over the water. Serious swimmers can train in separate 25m pool, then relax in a smaller hot basin at 37°C.

With these different areas and activities, and the many hard surfaces, background noise is substantial and reverberation time is high.

When BOSE® Professional Systems Division and its locally-based Pro Partner were asked to design and install a high quality, multi-purpose, easy-to-use sound system for the Svømmehal, they knew they faced a tough challenge.



FOUR AUDIO ZONES, ONE FLEXIBLE SOUND SYSTEM

The venue | The challenge | The solution | The result

The Schwimmverein management required a sound system that could be used independently in each area of the facility, yet can also function as a single integrated unit. In addition, the system must be logical and intuitive in its operation, so that it can be used easily by people from different swimming teams.

The Bose solution for the main swimming hall is based on PANARAY® 402°

Series II and 32SE environmental speakers, together with a four-zone paging system with local input modules. The slim 402° full-range speakers provide high quality music and clear speech with broad horizontal dispersion, while the smaller 32SE near-field speakers ensure speech intelligibility within discrete zones.

Meanwhile, in the other three pools, BOSE® 802°

Series III Articulated Array full-range speakers deliver clear, natural sound over a wide listening area.

A live demonstration was arranged by the local Bose team, with 402° speakers temporarily set up in the main pool and 802°s in the smaller pools. This enabled the management, along with the lifeguards and representatives of swimming clubs and other pool users,

to hear the core of the proposed system in action. The demo was so convincing, the formal go-ahead was given to install the new system.



THE BOSE SOLUTION...THE RIGHT DECISION

The venue

The challenge

The solution

The result

While the live demo was impressive, the installed system delivers substantially higher performance still. The decision to use a combination of BOSE® 402° speakers and smaller 32SE speakers in the main swimming pool has been fully justified, and the BOSE® 802° speakers are proving an equally successful choice for the smaller pools.

All the loudspeakers are engineered to withstand the rigours of constant use in the humid poolside environment. Completing the system is the user-friendly paging facility with its local inputs, enabling the Svømmehal staff to make announcements throughout the building. Farum Svømmehal's manager, Jacob Hermansen, appreciates the way the sound system covers a wide range of applications: "Now we can

use the BOSE® system when we have sports events, and no longer have to hire a special sound system when the pool is used for a national or international event." He adds: "We are also very proud to have Team Danmark, the national swimming team, use our facilities and benefit from our sound system."

Hotel, restaurant, large venue, stadium, shopping centre –
whatever the situation, BOSE® Professional Systems Division
can provide a successful total solution for your business
audio requirements – fully supported by the unique BOSE®
Performance Guarantee.

So talk to us, and tell us what you wish to achieve. Let us share your
vision for your business or organisation, and allow us to help you to reach
that goal.

We look forward to working with you to produce and deliver
a total sound solution. And to proving that, whatever and wherever
the setting, Bose means better sound through research.



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