

INSTALLATION

Friedrichskoog
Seal Sanctuary

**DAS Audio in the rough
North Sea weather**

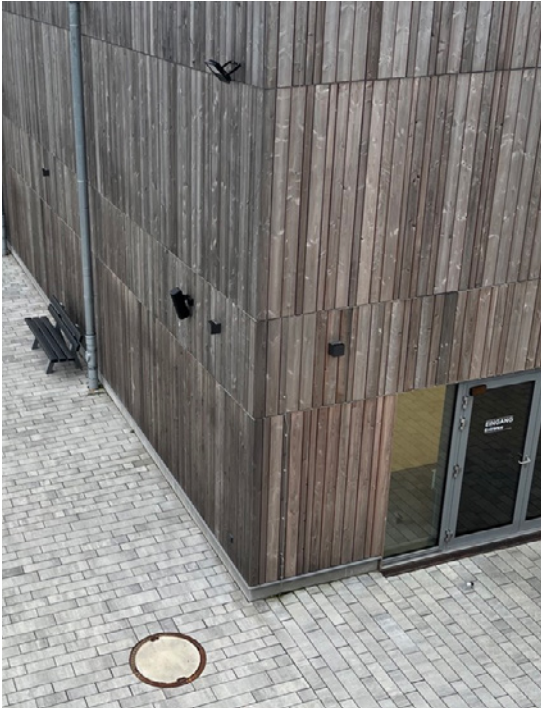


SOUND WITH SOUL

Friedrichskoog Seal Sanctuary

Introduction

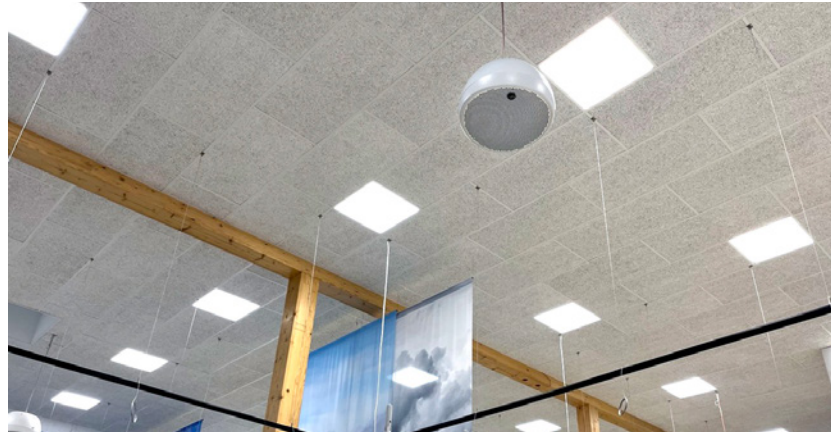
The Friedrichskoog Seal Sanctuary, located on the North Sea coast in northern Germany, offers refuge to abandoned and sick seals since its establishment in 1985. To enhance the visitor experience and ensure effective communication across its vast grounds, they partnered with DAS Audio. Together, we addressed the sanctuary's intricate audio demands for both indoor and outdoor areas, operating 365 days a year. The DAS Audio Integral series became the central component of the sanctuary's integrated audio system, accompanied by systems that offer resilience against the challenging coastal environment while ensuring top-notch audio performance.



Friedrichskoog Seal Sanctuary

The challenge

The Friedrichskoog Seal Sanctuary faced the daunting task of outfitting its premises with an audio solution capable of withstanding the harsh North Sea climate, marked by high winds, saltwater exposure, and rapid weather changes. The requirement extended beyond durability; the solution also needed to ensure seamless audio distribution throughout different zones, both indoors and outdoors, while accommodating both analog and DANTE-based signal transmissions. Additionally, the audio solution had to offer ease of operation, aligning with the sanctuary staff's needs.



List of systems used

- 16 x [Quantum Q-23-T](#)
- 8 x [Quantum Q-43-T](#)
- 3 x [WR-9606-TDX](#)
- 16 x [Arco-24-T](#)
- 8 x [OVI-12](#)

Amplification, distribution and control

- 2 x [Integral WP-3 Touch Wall Panel](#)
- 1 x [Integral MC-02 Dante Desktop-Microfone](#)
- 1 x [Integral AS-2 Audio Source](#)
- 1 x [Integral MA-1604 Matrix 4-Channel Amplifier](#)
- 4 x [Integral MA-1004 Matrix 4-Channel Amplifier](#)
- 1 x [Integral A-1004 4-Channel Amplifier](#)
- 2 x [Integral A402 2-Channel Amplifier](#)

The solution

DAS Audio rose to the challenge by implementing a meticulously designed audio solution that leveraged the capabilities of its Integral series. The Integral series, renowned for its advanced capabilities, provided the perfect foundation for this challenging project. It facilitated the harmonious coordination of different loudspeaker models across varying zones, indoors and outdoors, while accommodating both analog and DANTE signal transmission protocols. This versatility allowed for a unified audio ecosystem that extended across the entire sanctuary, ensuring consistent audio quality and clarity.

Furthermore, the Integral series facilitated user-friendly control through touch panels, making audio management a breeze for the sanctuary staff. The deployment of components like the Integral WP-3 Touch Wall Panel, Integral MC-02 Dante Desktop Microphone, and Integral AS-2 Audio Source ensured that staff could efficiently manage the audio environment, adjusting settings and making announcements with ease.

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The interior spaces received a tailored setup, with ARCO-24-T models enhancing the entrance and shop areas. Meanwhile, the exhibition space benefited from the suspended OVI-12 models, delivering immersive audio experiences to visitors. In the outdoor realm, the rugged Quantum Q-23-T and Q-43-T models, designed for IP66 standards, were deployed to ensure clear announcements across the outdoor expanse. Even the spectator area, where animal feedings were moderated, received audio enhancement through WR-9606-TDX models. Given the harsh coastal conditions, the Quantum Series and the fibreglass-coated WR Series stood out as ideal choices.

The result

Through innovative engineering and a deep understanding of the Friedrichskoog Seal Sanctuary's unique needs, DAS Audio successfully transformed the audio landscape of the facility. The integration of DAS Audio's Integral series, combined with strategically chosen loudspeaker models, ensured that visitors and staff alike enjoyed unparalleled audio clarity and intelligibility. Even amidst the tumultuous North Sea weather, the audio solution continued to function reliably, testament to DAS Audio's commitment to durability and performance. The Friedrichskoog Seal Sanctuary now stands as a prime example of how advanced audio technology can enhance the experience of both visitors and inhabitants, even in the face of challenging environmental conditions.



More information
www.dasaudio.com



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