



AMADEUS
ACTIVE ACOUSTICS

ACOUSTIC INTELLIGENCE
FOR THE 21ST CENTURY

CASE STUDY ANDERMATT CONCERT HALL

SUMMARY

CLIENT: ANDERMATT CONCERT HALL

SPACE: 650 SEAT CONCERT HALL

YEAR: 2019

CASE STUDY ANDERMATT

Andermatt is transforming from a traditional Swiss village into a year-round destination: alongside the new village square and additional tourist accommodation Andermatt was planning to have a concert hall in its midst. This resulted in a newly-designed hall with up to 650 seats that was inaugurated by the Berlin Philharmonic Orchestra.

CHALLENGE

The interior of the hall had to be designed in such a way that the natural acoustics were well balanced. Studio Seilern Architects and Kahle Acoustics, acting as the acoustic consultant, opted for an origami-like design.

For larger ensembles such as orchestras, the acoustics especially needed to support the volume of sound and create an equilibrium throughout different registers.



PROVIDED
SERVICE



SOLUTION

Amadeus Active Acoustics allows orchestras to perform with optimal acoustics while retaining the original acoustic signature of the space. The extended reverberation time creates well-balanced natural acoustics, without distracting from or diminishing the experience from the audience's perspective.

MATERIALS

- Wall Loudspeaker [40]
- Ceiling Column Loudspeaker [24]
- Subwoofer [8]
- Microphone Cardioid [32]
- Amping [72-Channel]
- Mic Preamp [32-Channel]
- Dante Network
- Amadeus Core