



AMADEUS
ACTIVE ACOUSTICS

ACOUSTIC INTELLIGENCE
FOR THE 21ST CENTURY

CASE STUDY
CCA
ALPBACH

SUMMARY

CLIENT: CONGRESS CENTRUM ALPBACH

SPACE: 850-SEAT MULTIFUNCTIONAL HALL

YEAR: 2016

CASE STUDY ALPBACH

Every summer since 1945, the CCA has hosted the international European Forum in Alpbach, a picturesque Austrian village that has adopted the title "Dorf der Denker or Village of Thinkers". In 2016, the center planned a large architectural expansion to accommodate larger audiences in the Herz Kremenak plenary hall with up to 850 seats.

CHALLENGE

The conference center caters to different event types ranging from keynote speeches to concerts, with the space sometimes hosting several events on the same day. This introduced the need for easy, flexible and adaptable acoustics to avoid the use of extra microphones or other equipment that would distract from the event itself. Since multiple events sometimes take place on the same day, reduction of set up times and complex AV-systems were key priorities.

Natural speech needed to be clearly audible during presentations and Q&A sessions. For concerts and other live performances the acoustics should have been more lively and a higher reverberance was desired to support the sound of musical instruments.



PROVIDED
SERVICE



SOLUTION

Amadeus Active Acoustics created presets for different events (Theatre, Concert, Speech Lift). The presets are controlled using an easy-to-use tablet. Switching between presets is also possible during live performances.

MATERIALS

- Wall Loudspeaker [42]
- Ceiling Loudspeaker [18]
- Subwoofer [4]
- Microphone Cardioid [29]
- Microphone Omni [3]
- Amping [64-Channel]
- Mic Preamp [32-Channel]
- Dante Network
- Amadeus Core