

# ACS VARIABLE ACOUSTICS

National Arts Centre, Ottawa, Canada

Acoustic Control Systems (ACS) designs, manufactures and installs an advanced system which enables acoustics to be adjusted and altered to suit different needs and applications of a venue.

ACS fully integrates with the natural acoustics of the venue and enables a wide variety of settings with optimized acoustics to be selected at the touch of a button.

The acoustics created are imperceptible from the best natural acoustics as can be testified by numerous satisfied users at prestigious venues around the world.

A hall equipped with an ACS benefits from great flexibility; creating a truly multi-functioning space while being a more cost-effective solution than traditional passive methods.

An ACS system, comprising of advanced processing electronics and custom array of microphones and loudspeakers, actually changes the acoustic qualities of a hall. Performers and listeners will benefit from the experience without the need for performer microphones or an engineer/operator. After the installation the system is on standby and ready for everyone at all times.

The ACS technology is designed and developed in conjunction with the Dutch Delft University. It continues to be developed and manufactured with a vision of reliability, versatility and superior sonic quality to the highest standards by a professional and qualified team who demand the most exacting audible standards.

The systems are applied worldwide in theatres, concert halls, auditoria, from cruise ships to houses of worship and from local community centers to Opera houses. Please check our reference list presenting a wide range of applications.

Thanks to more than 30 years of continues innovation and thorough knowledge of digital techniques, we often get the best possible compliment: Excellent acoustics, that the user cannot distinguish from natural acoustics! This experience and competence is brought to all projects.

Theatre operators appreciate the simplicity of operation, performers enjoy the acoustical environment where music and singing truly come into their own, while the audience experience the natural sound and excellent sound image. Management values the room versatility whereby acoustics always can be adjusted.

With ACS installed, the acoustics are variable, so you simply choose the acoustics needed for the type of performance.

## ELECTRONIC ARCHITECTURE

- The complex world of acoustics is an indispensable part of how we experience music.
- Mechanical solutions cannot deliver such an easily variable result or provide an equal range of adjustment.
- An ACS can be re-programmed or re-configured and so it offers a more flexible and future proof solution.
- Outstanding stage acoustics with the efficient ACS orchestra shell.
- ACS is easily operated from its remote control.
- Attempts to use mechanical solutions often quickly become obsolete.
- ACS brings to clients over 30 years of innovation and continual development.

 **Acoustic Control Systems**

A **PAN**  
**ACOUSTICS COMPANY**

Like to know more? Please get in touch!

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