

# Barco Audio Technologies

## IOSONO 3D sound for visitor attractions

IOSONO sound is an important addition to the visuals and guarantees a captivating visitor experience in all situations



Glenn Smith,  
Managing Director Sky-Skan



German pavilion main show with IOSONO 3D sound at Expo 2012  
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- Exceptional immersive listening experience
- Perfectly tailored to individual venues, demands and budget
- Support for planning, installation and maintenance

### Create compelling attractions with 3D sound

Barco's IOSONO 3D sound creates vivid natural soundscapes for themed entertainment, events and cinemas. A precise location of sound effects in space and outstanding immersion let the listener dive into a multimedia experience - be it a theme park ride, a museum or a dome show. The hardware and software offered are perfect tools for creating compelling attractions that are both fun and engaging, making your visitors part of the story.

**BARCO**

Visibly yours



Romanticum museum Koblenz, Germany  
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Spatial Audio Workstation and ISONO CORE audio processor

### **ISONO CORE audio processor**

The ISONO CORE processor is the heart of ISONO 3D sound systems. It is the ideal choice for the creation of immersive soundscapes for cinemas, events and themed entertainment. It comes with a variety of features ensuring an easy installation and adaptation to individual venues. The ISONO CORE supports object based audio as well as all standard and future discrete multi-channel audio formats. The processor is a modular platform that boasts tailor-made solutions for a variety of applications. It renders up to 128 channels and integrates either MADi, AES I/O or both.

### **Perfectly tailored to your venue**

The ISONO CORE audio processor comes with standard audio interfaces, a remote control software and synchronization with other media, guaranteeing a smooth integration into show control systems. ISONO sound systems are scalable, adapting to your preferences and the characteristics of your venue. By supporting a flexible number of loudspeakers as well as 2D and 3D setups, the systems will fit in perfectly.

### **Easy content creation**

Thanks to object based mixing, the need for creation of dedicated mixes for different venues and room configurations belongs to the past. With the Spatial Audio Workstation plug-in, immersive soundscapes can be created easily and precisely. The VST plug-in supports up to 128 audio channels.

### **Services and support**

The Barco Audio Technologies team supports customers with consulting and commissioning services for ISONO sound systems. Additional services include product maintenance and support, as well as staff training, making sure clients benefit from the team's extensive experience in the design of 3D sound systems and their implementation into multimedia installations.

### **Versatile use cases - from Disney Parks to World Expo**

3D sound can turn many attractions into a compelling experience. References include full dome shows for planetaria and World Expo pavilions and Disney World Orlando's Haunted Mansion. ISONO 3D sound systems are also used in 4D movie theatres, museums, corporate and music events and many more.