

IOSONO CORE

Audio processor for immersive sound experiences



The ultimate immersive experience

The IOSONO CORE processor is the heart of Barco's IOSONO immersive sound systems. Equipped with a variety of tools and features that ensure easy installation, the processor is an ideal match for a wide range of venues and applications. Because the IOSONO CORE supports object-based audio as well as all current and upcoming standard discrete multi-channel audio formats, it's the perfect component for custom-designed immersive speaker setups.

Scalable to any venue

The IOSONO CORE includes standard audio interfaces, comprehensive remote control software, and features for synchronization with other media. It guarantees smart control and smooth integration into any media control system. IOSONO sound systems are scalable and adjustable 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 fit perfectly with any requirements.



No limitations in performance

The number of output channels can be increased by adding two or more IOSONO CORE Extension processors. With each additional IOSONO CORE Extension, the system's output capability grows by 128 MADI output channels.

Superior audio experiences

The IOSONO CORE provides you with fully immersive and spectacular sounds for any venue – any size, anywhere.

By creating unique sound rendering effects to reach the highest audio quality, every IOSONO CORE application offers you the ultimate immersive experience.

Low total cost of ownership

The modular system and software platform provides considerable cost savings. By combining all features in one reliable box, with a proven long lifetime and no wear-off, low maintenance and service costs are guaranteed.

Operational simplicity

The touchscreen user interface enables you to easily control your IOSONO CORE processor nonstop, for 24/7 reliability. The processor can also be integrated in any AV system – with freedom in speaker choice and a comprehensive configuration toolset, controlled via standard media control.

Designed for quick setup and easy maintenance, the system can be integrated in both new and existing systems, or it can extend these systems to more advanced loudspeaker arrangements. Our team of service engineers offers tailored support to meet all your needs.



Maximum installation flexibility

A wide variety of configurations, the choice is yours:

- 64 digital audio MADI I/O channels, optical and electrical connections
- 128 digital audio MADI I/O channels, optical and electrical connections
- 16 digital audio AES I/O channel pairs
- 64 digital audio MADI I/O channels, optical and electrical connections and 8 digital audio AES I/O channel pairs

All configurations are available with redundant power supply for greater operational safety.

Immersive sound technology for your application

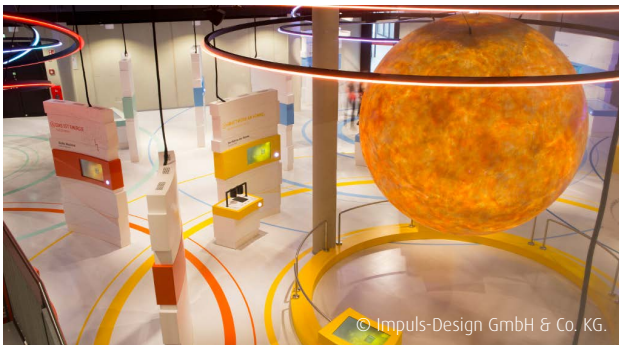
Designed for simulation, events, and visitor attractions such as domes, museums, and planetariums, the IOSONO CORE processors are equally suited for retail and advertising applications. And thanks to their unique sound effects and high-end real-time rendering capabilities, they're also a perfect match for theme parks and interactive media experiences.



Showrooms



Domes



Science and technology experiences



Training & simulation



Events



Media installations