

# THE INTELLIGENTLY AUTOMATED OPERATING ROOM NOW WITH CANARYBOX® TECHNOLOGY



Do your operating rooms play music? During critical clinical events, is the music turned off? Shouldn't that happen automatically?

Have you Read [The Joint Commission's 2022 National Patient Safety Goal – NPSG.06.01.01](#) on Improving the Safety of Clinical Alarm Systems?

Using unique CanaryBox® technology, KARL STORZ integration tracks intraoperative patient vital signs and automatically reduces or mutes the music volume in the operating room to make sure that critical patient alarms are heard and the surgical team is able to communicate clearly to ensure the patient's safety.

**STORZ**  
KARL STORZ – ENDOSKOPE

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## Compatibility

- GE Carescape™
- Philips IntelliVue
- Dräger Infinity® Delta
- SpaceLabs®



## Parameters

- Heart Rate
- SpO<sup>2</sup> Saturation
- Non-Invasive BP
- Invasive BP\*



## Controls

- Volume Automation
- Customizable Patient-Parameter Thresholds
- Flexible Delay Intervals



## Indicators

- Auditory
- Visual
- Numeric



## Input Options

- Bluetooth
- Computer
- 3.5 mm Jack

\* Invasive Blood Pressure Parameter Capability Depends on Make and Model of Patient Monitor.

## The Bottom Line

Some studies suggest that music in the operating room contributes to surgeon focus when appropriately selected. [Padmakumar AD, Cohen O, Churton A, et al. Effect of noise on tasks in operating theatres: a survey of the perceptions of healthcare staff. Br J Oral Maxillofac Surg. 2017 Feb;55\(2\):164-167.](#)

Other studies show that noise and music in the operating room interfere with communication and that missed alarms have been shown to lead to adverse events. [Shambo L, Umadhay T, Pedoto A. Music in the operating room: is it a safety hazard? AANA J. 2015 Feb;83\(1\):43-8.](#)

KARL STORZ integrated operating rooms are designed for clinicians to keep the benefits of music in the operating room, while also allowing for the clearest communication when necessary to support the safety of patients and your work toward implementing The Joint Commission's 2022 National Patient Safety Goals.

## User Testimonials



*Over the course of my training, there were times when I had wished a device like this existed; it was like being in a car accident and wishing your car had a seatbelt and functional airbags. This system will prove its worth in no time and I think making Anesthesia and the OR safer is a no brainer.*

— Joel Musee, MD PhD  
Anesthesiologist, Critical Care Doctor



*Many surgeons appreciate the benefits of music for the operating room environment. The enhanced focus and sense of calm is good for patient care. A system that allows for immediate control of sound in an urgent situation makes perfect sense.*

— Glenn Jarrett, MD  
Orthopedic Surgeon



It is recommended to check the suitability of the product for the intended procedure prior to use.  
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.

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