



# **IN-BORE** **MRI CINEMA**

[www.kryptonite.global](http://www.kryptonite.global)

# IN-BORE VISUAL SYSTEM



## Immersive Visual Experience

Have you ever been to a radiology centre frightened of getting inside an MRI Machine? Even the bravest soul would be terrified just thinking about going inside the closed bore for such a long time. This would not only be claustrophobic but stressful and frustrating as well. But, not anymore. Introducing the Kryptonite In-Bore MRI Cinema where patients can watch while having an MRI Scan improving the quality of your experience.

This system available in 32" and 43" models is an ultimate viewing experience device which is MRI compatible. With the help of mobile trolley, the LCD screen can be moved anywhere in the MRI Room conveniently. When your patients have a positive scanning experience, you benefit from a reputation as a patient friendly MRI provider.

Ultimately MRI exam becomes easier for the patient leading to workflow efficiencies in busy department, your staff has less time to spend with patient.

Thus, through an immersive video experience that distracts and entertains patients while they are in the bore, you can enhance patient cooperation and workflow, and deliver an experience that elevates patient comfort.



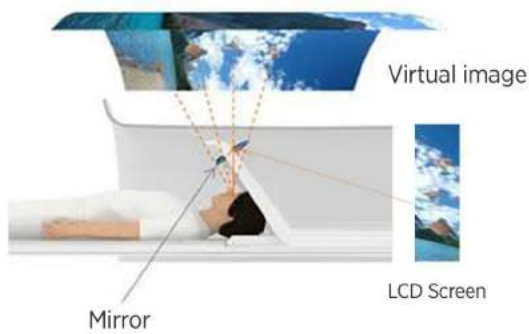
**Patients Inside MRI Bore  
can watch their  
relatives through a camera  
which is provided outside  
in the console.**







## HOW IT WORKS?



An LCD screen is installed at the backside of the bore & with help of prism glasses or mirror on head coil, patients can watch the videos which are played through the console outside the room. The location of the LCD screen is unaffected by the magnetic field. It provides a visual space that helps take the patients attention away from the actual examination space.

The technology displays expansive cinema videos inside the bore of MRI systems. High reality images are played on the screen which patients can see during the scan diverting their minds.

### RELAXING PATIENT EXPERIENCE



### REDUCES CLAUSTROPHOBIA

With our system, your patients can completely forget about their surroundings as they become completely absorbed in watching life-like entertainment.

Studies reveal that about 12% of MRI examinations are cancelled because of patient anxiety surrounding long, confining imaging procedures.



# IN-BORE AUDIO SYSTEM



## MRI Audio Headphones

Increase noise attenuation and exceptional sound quality provides more definite audio enlivening to the patients which in turn leads to better response mechanism.

Designed with durability in mind, the headphones are extremely suitable for busy clinical schedules. Thus, patients enjoy great audio quality, creating a truly immersive experience.

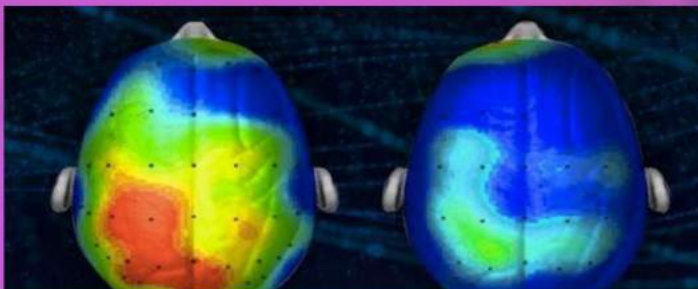
**The audio system allows you to connect any hardware device through 3.5mm jack.**

One of the reasons music works well is that music triggers memory centers in the brain.

Music affects several parts of the brain, including the limbic system, which is the oldest part of our brains associated with smell and emotion, and the temporal lobe, where language is controlled.



**In-Bore Audio is compact. The console features built in Youtube, CD/DVD, USB, microphone and speakers.**



**Research shows that song can reduce anxiety & help remain calm**





# ONE SYSTEM MULTIPLE POSSIBILITIES



## INTRAOPERATIVE MR IMAGING

Works as a great complementary product in an intraoperative MR Imaging session. Any screen image in the control room can be transferred to the MR room. Provides real-time imaging feedback to the surgeon inside the MR room. Images come from MR console or some other post-processing computers.



## HELPS CHILDREN COMPLETE MRIS SEDATION-FREE

Kids are often sedated for a lengthy Magnetic Resonance Imaging (MRI) Scan. But with help of our audio visual system, they have their MRI done with entertainment without anaesthesia. Avoiding anaesthesia not only makes the process much more pleasant for the family and child, but also safer.



## COMPLETE MRI SUITE

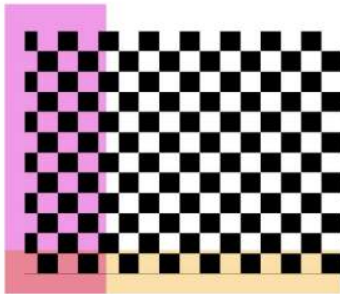
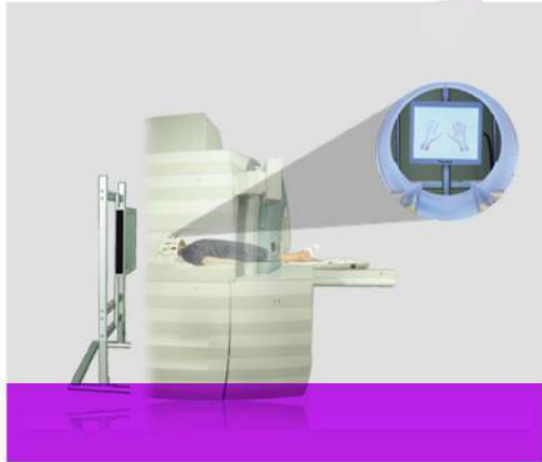
Using our Ambient Lighting along with In-Bore Solution, we can create a total immersive experience for your patients. MRI, one of the most common imaging exams, presents a challenge for many patients. Ambient Experience for MRI solution already contributes to a positive patient and staff experience. The unique Ambient Experience in-bore Connect takes this experience to another level by providing information and guidance to the patient during scanning as well as information about scan progress.

# SYSTEM UPGRADABLE TO FMRI

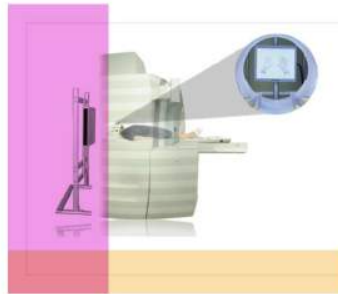


## BRAIN MR SCANS - FMRI Upgradable

In brain scans, LCD monitor is located on the back side of the MR bore. This way, the patient watches the screen in maximum size. The HD MR Compatible LCD Monitor can also be used for stimulus presentation to the patient in Functional MR Imaging (fMRI). The system can be upgraded to fMRI by adding our software & hardware providing a turnkey fMRI solution.



**Stimulus Software**



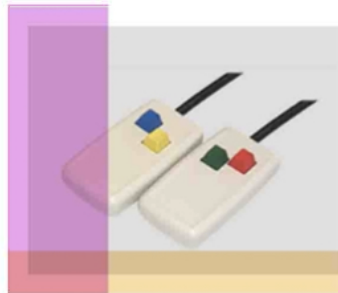
**In-bore Visual**



**In-bore Audio**



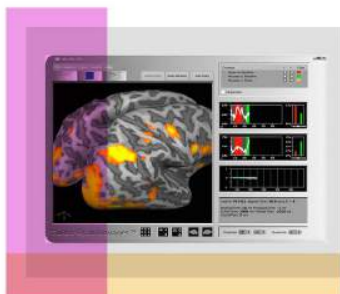
**Eye Tracker**



**Response Pad**



**Sync Box**



**Post Processing Software**







# THEME LIBRARY



Our media collection brings to you from variety of exciting themes right from nature to wildlife & cartoons to scenery. Our videos are licensed from some of the best cinematographers

in the world shot at different locations globally. These are specifically chosen for the patients so that they can relax during the procedures and make them calm.



**Marine Life**



**Nature Trail**



**Beach & Tropical**



**World Cities**



**National Geography**



**Cartoon Planet**



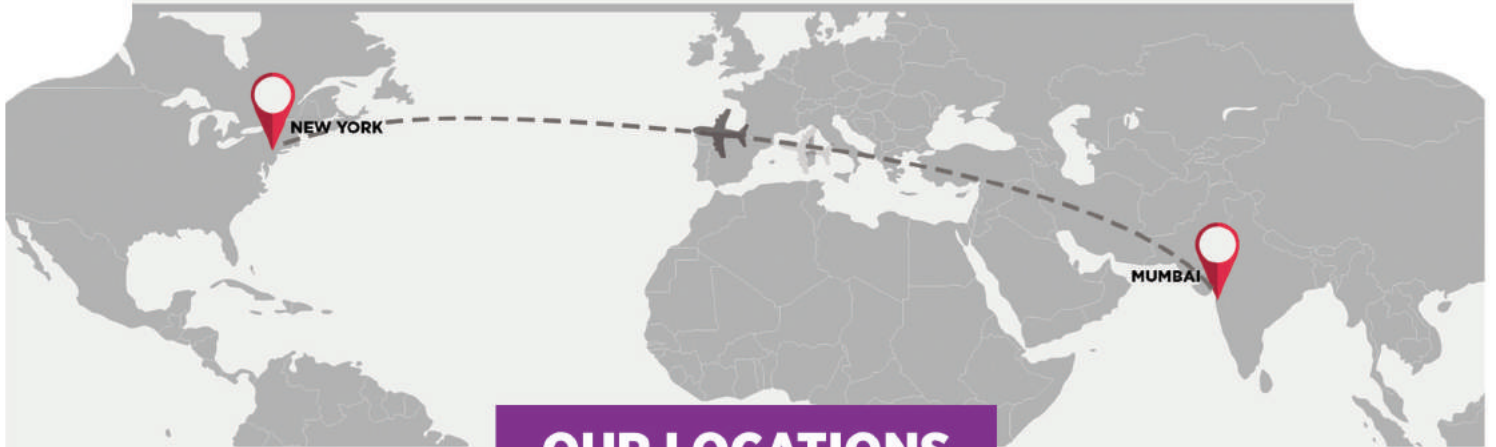
**Famous Movies**



**Classic Comedy**



**Science & Technology**



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## GLOBAL CUSTOMERS

