

Communication & Music System for MRI

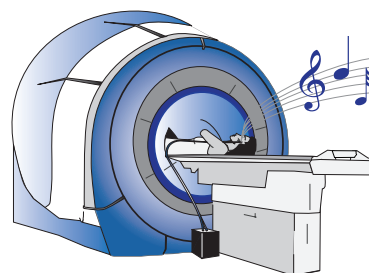
Magnacoustics | GENESIS ULTRA Innovative Communication & Music System for MRI



Magnacoustics GENESIS ULTRA



- Patented New **MagnaCoil™** and standard **MagnaLink™** Headsets provide 30dB of attenuation from gradient noise, protect patients' hearing, and exceed ISO and GE Healthcare's MR safety guide requirements.
- **Auto Voice Commands (AVC)** are sent directly into the patient's ears for breath-hold sequences utilizing Magnacoustics' proprietary interface with GE and Hitachi's hardware and software.
- **Exclusive and Patented Patient Ready Signal (PRS)*** works in conjunction with Auto Voice Command Instructions, allowing patients to press a button signaling their readiness for the scan to begin.
*Soon this PRS system will be fully integrated, allowing the patient to independently start the scan sequence when they are ready to further streamlining the entire Auto Voice procedure. - **PROTECTED BY PATENT # 8,064,980**
- **Patient Handheld Volume and Media Selection Controls with Voice Feedback** interface with a FM stereo, CD, and a dual iPod player, distracting and relaxing even the most apprehensive of your patients by putting them back in control of their own environment.
- **Auxiliary inputs** for internet radio, satellite radio, computer, etc. are built in.
- **Automatic Volume Compensation System** raises and lowers the volume level for the patient in response to varying gradient noise levels from the MRI.
- **SEE IN THE DARK** — Our **Electroluminescent Backlit Technologist Control Unit** provides control of the entire system with the touch of a button in a low light MRI environment.
- **COMPATIBLE WITH ALL MRI'S ... GUARANTEED!**



MAGNACOUSTICS INC.

"A Sound Investment"



MAGNACOUSTICS GENESIS ULTRA

is the only Communication & Music System to provide these EXCLUSIVE innovations...

Our new Free-Form **MagnaCoil™** and **MagnaLink™** Headset Systems are both included with your **Genesis Ultra**.

MagnaCoil™ and **MagnaLink™** headsets work in conjunction with our unique **MagnaPlug™**; it's pneumatic port transfers music or speech directly into patients' ear canals while providing 30dB of gradient noise attenuation.

These are the industry's only patented headsets that meet/exceed ISO 60601-1-33 specifications AND work with all coils.

- 100% Microprocessor-controlled to simplify operation, upgrades and diagnostics - *designed with the capacity to implement emerging technology as it becomes available* — 'you will never be left behind'
- Integral proprietary interface with GE and Hitachi's hardware and software allows technologists to utilize the existing console mic to talk directly to the patients via our system
- Digital Signal Processing technology makes the **GENESIS ULTRA** the best sounding system we have ever produced and has become the industry benchmark
- 8 Driver Patented Transducer with a lifetime warranty
- Integral interface for fMRI with built-in input for audio stimulation
- Integral switched interface for audio portion of video
- In fMRI mode patient handheld controls are used to transmit audible and electronic responses

NEW MagnaCoil™ Headset System



Enhanced Design for patient comfort

- Our patented **MagnaCoil™** Coil Headset System complies with and exceeds GE Healthcare's MR Safety Guide requirement of 29dB NRR or greater tested to ANSI standard
- Fits all Coils in all MRI's better
- Flexible tubing provides exceptional patient comfort
- 30dB NRR gradient noise attenuation
- Included with all Genesis Ultra systems
- Easy fit **MagnaPlug™** or **MagnaPlug Mini™** roll up and insert like regular foam ear plugs and are disposable, eliminating sanitary concerns



Protected by Patent # 7,292,704, | 7,609,844 | 8,064,980