

# Installation Profile



## MERITER HOSPITAL DIGESTIVE HEALTH CENTER FINDS THAT ASHLY'S PEMA™ IS THE RIGHT PRESCRIPTION

MADISON, WISCONSIN - When Meriter Hospital chose to relocate and redesign their Digestive Health Center, they called on the Madison-based A/V architects of **Pridham Electronics** to outfit the new rooms with patient-selected music. The clinical staff wanted to create a warm, and welcoming environment for patients to reduce pre-procedure stress. The Meriter Digestive Health Center, which includes twenty-one new patient admit and recovery rooms and six new procedure rooms, provides prevention, early detection and treatment of gastrointestinal disorders to more than 6,500 patients from Madison and surrounding communities each year.

Pridham's systems designer, Dustin Boyle, in turn called on Ashly Audio's new Pema™ to perform all of the system's DSP, Matrix Mixing and Amplification in just two rack spaces. Pema replaces a full rack of power-hungry gear. Ashly's Pema delivers breakthrough performance at a breakthrough price-point. It accepts up to eight inputs and delivers eight amplified outputs with full open-architecture DSP for signal processing and signal logic. With only input sources and loudspeakers, Pema handles the rest.

The setup at Meriter's Digestive Health Center is remarkably simple. A six-channel satellite music receiver provides signal to six of the Pema's eight inputs. The other two inputs are used for paging sources, one from the hospital's main desk and one from the nurse's station. One of the Pema's eight amplifier outputs provides signal to the area's main hallways and lobbies. The remaining seven travel to each of the rooms, where a simple switch allows user-selection and a rotary pot controls volume. The only nuance is that in each room, clever wiring allows pages to override both source and volume settings, ensuring that pages are heard even if the music volume is all the way down.

"The Ashly PEMA did just about everything for us: input EQ and dynamics conditioning, logic routing, and output equalization," said Boyle. "Normally, we would have used a rack full of DSPs and amplifiers for a job of this size. The Pema only takes up two rack spaces! Moreover, the head-end programming couldn't have been easier or faster. The programming software is intuitive and quick. It all went in without a hitch. Honestly, we spent way more time putting in the loudspeakers."