Pillow Speaker Control Functionality

In developing a patient room lighting control solution, Cooper Controls found existing methods for providing patients' control over natural and electric lighting levels to be inadequate. Control solutions that rely on existing off-the-shelf pillow speakers and nurse call station interfaces are severely limited in functionality. On/Off only control of a limited number of lighting zones is typical for these systems.

To address this issue, Cooper Controls developed a line of proprietary pillow speakers designed specifically to support the control of natural and electric light.

These units offer the following features:
- Support for up to three zones of electric lighting control
- All zones Off function
- Independent fade-down control of each zone
- Shade raise/lower function
- Standard pillow speaker functionality including nurse call and television control
- Sealed design reduces potential risk of infectious fluids or soaks settling into the unit, even in the speaker area
- High-impact base materials designed to withstand over 100 drops onto a concrete floor without impacting its functionality
- Standard interface to existing nurse call systems

These exceptionally functional control devices interface with a state-of-the-art small form-factor lighting control panel. This panel is capable of supporting a digital switch network. Multiple digital switch stations may be used in conjunction with the pillow speaker to provide additional control points for staff and visitors.