

Model: NCES Series Pillow Speaker



Features

- **Comfortable Molded Case Designed for One-Handed Operation of All Functions**
- **Raised Texture Buttons on Polyester Overlay for Control of TV, Radio, Lighting, etc.**
- **Large, Easily Identified Nurse Call and TV Pushbuttons in Braille**
- **High-Impact, Fire-Resistant UL 94V-0 Plastic Case**
- **Durable Molded Plug-In Cord with Strain Relief**
- **Sensitive 2¼" Liquid Resistant Mylar® Speaker for Superior Voice Intelligibility**
- **Large, Easy-to-Adjust Volume Control**
- **Linen Clip Attached to Cable Secures Pillow Speaker Within Easy Reach**
- **ESD Protected, 6 Function Capability**
- **Call Assurance LED (Responder IV System Only)**
- **Quick Disconnect Speakers and Cables simplify maintenance**

Description

The NCES series of Pillow Speakers are designed specifically for use with the Responder IV, Responder III Plus and Responder 3000 Nurse Call Systems.

A variety of Pillow Speaker models are available to meet any requirement. The Pillow Speakers combine in one compact unit: a speaker for listening to TV and/or radio sound and a convenient group of controls for room lighting, drapery control,

and TV/Radio channel selection. All models include an easily identified "red cross" Nurse Call push button, which, along with the TV control, is Braille embossed. All models also include a large thumbwheel volume control.

When the Pillow Speaker is plugged into the bed station receptacle, nurse call intercom audio is automatically transferred to the Pillow Speaker while simultaneously muting the entertainment audio (optional on some bed station models). The Pillow Speakers provide the following physical features and capabilities:

1. A compact molded case of high-impact, fire-resistant UL 94V-0 plastic in a light gray color with approximate dimensions of 8¼" (21 cm) long; 3¼" (8.5 cm) wide; 1¼" (3.2 cm) deep. The Pillow Speaker can withstand a drop from 6 feet (1.8 m) without damage to the speaker, controls, or case.
2. A sensitive 2¼" (5.7 cm) diameter liquid-resistant Mylar® speaker for both nurse call intercom audio and entertainment audio. The Pillow Speaker is designed for superior voice and TV audio reproduction.
3. A ten foot (3.0 m) flexible vinyl-jacketed cable with a DIN plug for connection to the associated bed station and molded strain relief at both ends of the cable. When the Pillow Speaker cord is removed, a call will be placed to the associated Nurse Console(s).

(continued)

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Description *(continued)*

4. A recessed thumbwheel volume control with a stop position at the lowest audio position. The volume control is bypassed when Nurse Call intercom audio is sent over the Pillow Speaker.
5. Two to six durable Micro-Brand switches rated for 10 million cycles with audible click ensuring the patient that contact has been made.
6. An easily distinguished (with "red cross" graphic) red Nurse Call button for placing patient calls.
7. The Pillow Speaker and associated cord are electrostatic discharge (ESD) shielded for protection of the Nurse Call System and to ensure system reliability.
8. Specially designed cases, cords, and buttons allow the entire unit to undergo gas sterilization without discoloration or deterioration.
9. A stainless steel non-tear linen clip to position the Pillow Speaker within easy reach of the patient.
10. Low voltage isolation compliance with 5th edition of ANSI/UL1069 requirements.

Models Available

Model	TV Channel Select	Radio Channel	Light 1 Control	Light 2 Control
(Note 1)	(Note 3)	(Note4)	(Note 4)	(Note 4)
NCESTV	X			
NCESSL1	X		X	
NCESDL2	X		X	X
NCESVA	X	X		
NCESPL4	X		X(NOTE 2)	X(NOTE2)

Notes:

1. All models include 2¼" speaker, thumbwheel volume control, Nurse Call button and ten-foot vinyl-jacketed cable with non-tear linen clip.
2. Two split-rocker auxiliary switches on Model NCESPL4. Recommended for low voltage control systems, which require a separate on/off switch. The NCESPL4 has two Light 1 controls and two Light 2 controls.
3. For TV entertainment, the Pillow speakers must be interfaced with listed hospital grade TVs only.
4. Radio and Light control features require the use of RIM100 (Relay isolation module) for Responder III Plus and NCRMS1/NCRMD2 Relay modules for Responder IV system.



NCSAV

Model: NCSAV – 8-Pin DIN Cord Saver

Description

The NCSAV 8-pin DIN Cord Saver is designed to eliminate the strain exerted on the pillow speaker and the Responder patient stations. The cord plugs into the 8-pin DIN socket on the patient station and connects to the 8-pin DIN connector on the pillow speaker. The length of the cord is 15" (38.1 cm).

Architects and Engineers Specifications available on disk. Specifications subject to change without notice.

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