



Crest Elite Digital™ Pillow Speaker

For XN and EN pillow speaker part numbers

Part number can be located on back of the unit

Introduction

The Elite Digital Pillow Speaker features all the reliability and safety you've come to expect from Crest's product lines. The Elite Digital Pillow Speaker offers the functionality of nurse call, lighting control, TV controls, etc. in latex free and oxygen safe packaging.

The Elite Digital Pillow Speaker goes a step further since it was designed for use with digital TVs. Crest's patented **AutoSense™** technology automatically identifies the brand of digital healthcare TV connected and sends the correct digital signal. This allows the Elite Digital Pillow Speaker to help limit or eliminate the need for a separate remote control.

Warranty and Conditions Of Use:

This product is unconditionally guaranteed against defects in materials and workmanship for a period of two years from the original date of purchase. Any use or application of this product outside the scope of this document exceeds the recommendations of the manufacturer and may result in cancellation of warranty terms. User must evaluate and validate any other applications prior to placing device into service.

Precautions

Normal Use:

This device may be safely used for the activation of a nurse call signaling circuit as defined in UL 1069. User must verify plug style, voltage and wiring are appropriate for their intended use.

This device has been tested and meets UL 1069 requirements for safe use by patients undergoing Oxygen Therapy - refer to labeling on the product for prescribed use in an oxygen-enriched environment.

This device has been tested and found to be in accordance with requirements as defined in UL 1069 Standard for Hospital Signaling and Nurse Call Equipment by Intertek and judged eligible to bear ETL's Mark.



This device has been tested to and found in accordance with requirements of FCC Part 15 Subpart B and Canada ICES-003, Issue 5:2012 by TÜV SÜD America, Inc., an independent testing laboratory. Operation is subject to the following two conditions : (1) This device may not cause harmful interference, and (2) this device must accept interference received, including interference that may cause undesired operation. Modifications not approved by Crest Healthcare would void the user's authority to operate the pillow speaker.

Electrical:

Restricted to connection to power limited circuits of 30 VDC, 0.1 A or less. Make periodic leakage current measurements of all pendant control/pillow speaker circuits to verify the values are appropriate for the installation location.

Cleaning and Sterilization:

The outside of the cable jacket and pendant may be cleaned with alcohol, most disinfecting and sterilization agents, or mild detergent and water.

Warning:

Do not use cleaning or sterilization solutions directly on metallic portions of the electrical plug, and do not immerse the electrical plug in any cleaning solution. Submersion of the plug end of the pillow speaker will result in fluid contacting the electrical compartment of the plug and will cause corrosion or failure of the electrical contacts. Damage due to fluid submersion and subsequent corrosion of the plug electrical contacts is not covered under the manufacturer's warranty.

While every attempt has been made to make the Elite Digital Pillow Speaker as moisture resistant as possible, there are still avenues for fluid intrusion, and as such, the device is NOT submersible.

Do not steam sterilize the pillow speaker – high heat may destroy or distort some of the components. Maximum exposure temperature is 120°F. Gas sterilization may be used as long as the maximum temperature is not exceeded.

Operating a Digital Healthcare TV using the Elite Digital™ Pillow Speaker

Plug the Elite Digital Pillow Speaker into your digital healthcare TV. If your pillow speaker is equipped with AutoSense technology it will automatically identify the brand of digital healthcare TV connected and send the correct digital signal to operate the TV.

Operating the Television:

- a. The **power** button will turn the TV on or off.
- b. The **mute** button will mute the TV sound.
- c. The **volume up** and **volume down** buttons increase or decrease the TV volume respectively. If the pillow speaker is equipped with internal volume control (IVC), volume is adjusted internally in the pillow speaker.
- d. The **channel up** and **channel down** buttons sequentially change the channel up and down on the TV.
- e. The **CC** button will toggle the closed caption option on the TV on or off.
- f. When present, the **number** buttons function as entry keys for direct channel access.
- g. When present, the **last** button will switch the TV to the last viewed channel.
- h. When present, the **sleep** button will toggle through the sleep function of the TV.
- i. When present, the **dash (-)** button will give access to the digital sub channels.

Stereo headphones are recommended for best performance when optional headphone receptacle is in use.

Note:

Buttons listed above may not be available on all pillow speakers. Your pillow speaker may also have additional buttons other than ones listed above. If your Elite Digital Pillow Speaker is unable to operate the digital healthcare TV, or if you have any questions regarding operating the TV with your pillow speaker, please contact Crest Healthcare for assistance at **1-800-328-8908**.

Opening & Closing the Elite Pillow Speaker Case

Opening and closing the pillow speaker case requires careful attention to alignment, positioning and directional movement. Please follow these steps for utmost success and efficiency.

To Open the Pillow Speaker Case for **XN** part numbers:

1. Lay the pillow speaker front case down on a flat surface with its speaker end pointing to your left and the cable end pointing to your right.
2. Remove the four exterior case screws.
3. Once all screws have been removed, place your left wrist down on the speaker area and use your left fingers to grasp the bottom of the case.
4. Use your right hand to push down on the cable and front case that is facing down, while gently, but firmly pulling up the back case near the cable.
5. The case will begin opening at the cable end, then will snap open at the middle and toward the speaker end. You should hear audible snaps as the internal hooks release.
6. Be gentle when pulling the front and back cases apart. Depending on your pillow speaker model, there may be wires attaching the front and back case which can be strained if the top and bottom case are pulled apart aggressively.

To Close the Pillow Speaker Case for **XN** part numbers:

1. Place the front of the pillow speaker face down on a flat surface.
2. Ensure that the pillow speaker cable is properly positioned in the front case.
3. Ensure that all wires are tucked inside the case, pay special attention to the two screw bosses near the cable.
4. Holding the case back with a downwards angle, align the two case halves starting at the top end, so that cases align evenly. Keep pressure on the top end of the pillow speaker so that the two halves do not slip apart. Close the case. If the two halves do not go together evenly and smoothly, the halves did not mate correctly at the top end.
5. Return the case screws into position.

To Open the Pillow Speaker Case for **EN** part numbers:

1. Lay the pillow speaker on a flat surface.
2. Remove the six exterior case screws.
3. Separate the case halves. If a pillow speaker includes a headphone jack, be careful not to strain the wires connecting the headphone to the PCB.

To Close the Pillow Speaker Case for **EN** part numbers:

1. Place the front of the pillow speaker face down on a flat surface.
2. Ensure that the pillow speaker cable is properly positioned in the front case.
3. Ensure that all wires are tucked inside the case, pay special attention to the two screw bosses near the cable.
4. Align the two case halves, position six screws into original position and screw together.