



**Part Numbers**  
E-12096R-X (XN part numbers)  
E-13205R-X (EN part numbers)

## Elite Digital™ Pillow Speaker Entertainment PCB Assembly Replacement Kit

*For XN and EN pillow speaker part numbers*

Part number can be located on back of the unit

### Introduction

These instructions will assist you in replacing the Elite Digital Pillow Speaker Entertainment PCB Assembly.

### WARNING

Please be aware that by installing this kit any applicable warranty is voided unless clearly and explicitly expressed by Crest Healthcare.

## Instructions

Please follow these instructions closely and reference the video instructions on the Crest website at [www.cresthealthcare.com](http://www.cresthealthcare.com) to ensure the successful part replacement and continued performance of your pillow speaker.

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.

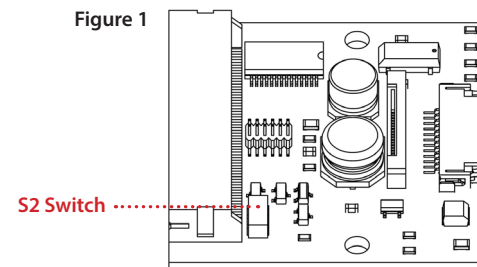
### To Open the Pillow Speaker Case for **EN** part numbers:

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.

### Changing the entertainment circuit board requires disconnecting all the parts from the board and unscrewing the board from the case as described below.

1. Disconnect the 25-pin ribbon from the entertainment circuit board. Note that all ribbons are locked into the receptacles until they are released by lifting the black tab on each side of the receptacle.
2. Disconnect the 10-pin ribbon from the entertainment circuit board.
3. Disconnect the pillow speaker cable from the entertainment circuit board.
4. Once the board is free of all the wire connections, remove the screws that attach the board to the case.
5. Replace the board with the new one, screwing the board into the case.
6. Connect the 10-pin ribbon and 25-pin ribbon into the header. Support the ribbons close to the connectors to avoid over-flexing and bending the ribbon, which can damage it. Press the black tabs on the receptacles down to lock the ribbons into position.
7. Connect the pillow speaker cable to the entertainment circuit board.
8. Adjust the S2 switch on the new entertainment circuit board to the same position on your old board. (See Figure 1 below.)

Figure 1



### 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 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.