



# Wide Dynamic Range S250 Camera Audio Connection Inspection

**Attention:** The instruction sheet applies to Gatekeeper Wide Dynamic Range S250 Cameras only.

**Symptom:** Some cameras have low or no audio.

**Instructions :**

- 1) Check to ensure that the camera with defective audio is a Wide Dynamic Range S250 camera. The camera should have a **S250** serial number label affixed on the rear of the camera ball.
- 2) Disassemble the camera. See **Image 1** to **Image 3**. On the IR LED Board, check to see if the connection labeled MIC is installed correctly.



Image 1



Image 2

S250 Label

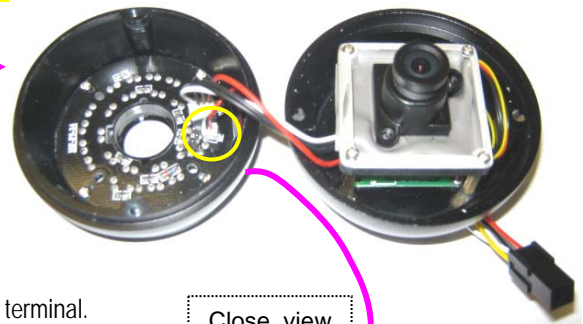


Image 3

Close view

3. **Image 4** shows the MIC connectors CORRECTLY installed. The **RED** wire is on (+) terminal.

4. **Image 5** shows the MIC connectors INCORRECTLY installed. The **BLACK** wire is on (+) terminal.

To correct, use a needle nose Pliers and grasp at the base of the connectors (see **Image 6**) to pull up the MIC connectors. Then reinstall MIC connectors as shown in **Image 4**.

**Note:** **Image 7** shows the 2 connectors off the IR LED Board and apart.

5. Reassemble the camera and test the audio by talking to the Microphone.

If it fails the audio test (no audio heard), contact Gatekeeper Technical Support.

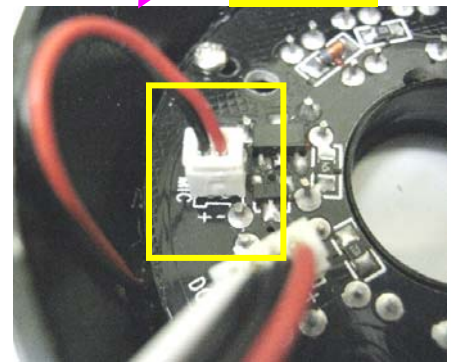


Image 5

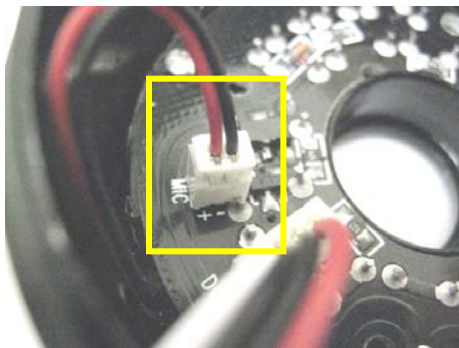


Image 4

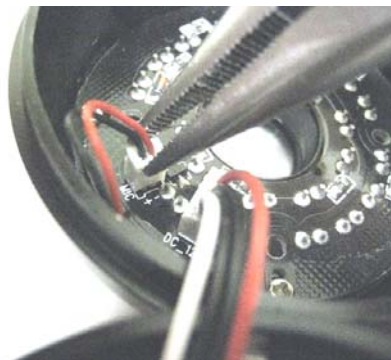


Image 6



Image 7

**Protecting Your Precious Cargo**

