



## APPLICATION NOTE

### Chat 150 for Cisco 79XX Series Phones

#### Things to be aware of when using the Chat 150 with Cisco 79XX series phones

The Chat 150 connects to the RJ-9 headset jack of Cisco 79XX series phones and provides high-performance conference phone capability, a significant increase in audio quality compared to the built-in speaker function on the phone.

While using the Chat 150 with these phones, there are a couple of audio-related items to be aware of.

The Cisco 79XX Series phones broadcast audio simultaneously out of the RJ-9 **headset jack** and out of the speaker on the **handset**. This occurs in all audio modes: **speaker**, **headset**, and **handset**.

In addition, the 79XX series phones broadcast a low-level static noise out the headset jack.

These two phone behaviors cause the following issues when used with external speaker phones connected to the headset jack, such as the Chat 150. Recommended solutions are also listed:

Issue	Resolution
A noticeable static hum can be heard from the Chat 150 when connected to the headset jack of a 79XX series phone.	When not in a call, this noise can be eliminated by simply pressing the headphone button on the Chat 150 phone breakout box. This will route the audio to the headset jack on the breakout box, which will not be audible.
If the Chat 150 is placed too close to the 79XX phone, feedback can occur between the Cisco handset and the Chat 150 microphones.	Move the Chat 150 a few feet away from the phone.
On the 79XX phone, even when the "Headset" button is not selected, sound is routed out the headset jack to the Chat 150. This could cause the Chat 150 to broadcast a private call even when "Headset" is not selected.	When a private call (non conference) is desired, the Chat 150 speaker audio can be disabled by simply pressing the headphone button on the Chat 150 phone breakout box, which routes the audio to the headset jack, which will not be audible.

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