Firmware
RELEASE NOTE

» **NOTE**: This document contains a running history of ClearOne CHAT 160-related release notes, organized with the most recent first.

February 2011
CHAT 50/60/70 and CHAT 150/160/170/Attach Firmware Releases

ClearOne announces improved CHAT compatibility with industry leading Unified Communications soft clients. New audio processing routines have been added to the CHAT family to maintain pristine intelligibility with PC based soft-clients in all conditions. The new adaptive algorithms assist in masking audio anomalies that may occur on the soft client due to network interruptions. In addition, modifications were made to CHAT products to work better with soft client automatic gain control (AGC) functions.

CHAT Products Affected

This is a firmware only release and affects all CHAT products. The firmware release will operating with the current CHAT Software version 2.1.6.0. Firmware versions associated with this release are listed in table below.

PRODUCT	FIRMWARE VERSION
CHAT 150	57
CHAT 160	
CHAT 170	47
CHAT 50	27
CHAT 60	
CHAT 70	

New Functions, Features and Enhancements

- **Improved Audio Error Concealment** - Masks audio anomalies that can occur on soft clients due to network issues.
- **AGC Interoperability** - New function for CHAT audio processing to work with soft client AGC.

Known Compatibility Issues

- **None.**

Fixed Issues from CHAT Software Version 2.1.6.0

- **None**.

CHAT Firmware Version 25 Release Note

ClearOne has released version 25 of the CHAT 50 firmware. The purpose of this release was to address an echo issue with the CHAT Personal Speaker Phone devices.

Under rare circumstances, when the user operates the CHAT device at very high volumes, low frequency audio signals can be slightly distorted on some units. This distortion is generally inaudible but can, on a small number of CHAT Personal Speaker Phones, result in echo being heard at the far end of the call. The version 25 release of the CHAT firmware corrects this issue.

CHAT Products Affected

The entire CHAT Personal Speaker Phone product line is affected by this firmware update.

CHAT Firmware Upgrade Procedure

1. Launch the CHAT software from the Start Menu or from the desktop.
2. Click the **Help** button and select the *Update Firmware* topic to review the upgrade process (optional).
3. Click on **Update Firmware**.
4. In the *Update Firmware* screen, click the **Check for updates** button.
5. Click the **Update** button to upgrade your CHAT hardware to the latest firmware revision level.

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