

# CHAPTER 6: APPENDIX

## SPECIFICATIONS

### System Requirements

Windows XP  
Windows Vista  
Windows 7

### Connections

USB:  
Version 2.0 Compatible  
Type: Mini-B Female

3.5 mm Line I/O Mini-Plug:  
Frequency Response: 20 Hz - 20 kHz +/- 1 dB  
Maximum Input/Output Levels: 0 dBu

Ring - Line Input:  
Input Impedance: 10 k $\Omega$

Tip - Line Output  
Output Impedance: 50  $\Omega$

Sleeve - Ground

### Controls

Volume Up  
Volume Down  
Microphone Mute

### Audio

Speaker:  
Bandwidth: 220 Hz - 14 kHz  
Max Output Level: 80 dB SPL @ 1 foot (0.30 meter)

Microphone:  
Bandwidth: 50 Hz - 7.75 kHz

### Processing

Full Duplex  
Acoustic Echo Cancellation (AEC)  
Noise Cancellation (NC)  
Line Echo Cancellation (LEC) - Selectable  
Automatic Level Control (ALC)

### Power

USB:  
5 VDC @ 500 mA Maximum

External:  
100 - 240 VAC Input  
7 VDC @ 500 mA Output

Tip: Power  
Ring: Ground

### Environmental

Operating Temperature:  
41 - 104° F (5 - 40° C)

### Mechanical

Dimensions (W x D x H):  
3.8" x 4.1" x 1.8"  
(9.7 cm x 10.4 cm x 4.6 cm)

Weight:  
0.55 lbs. (0.25 kg)

### Compliance

RoHS  
REACH  
FCC Class B Part 15  
ICES-003  
CE Listed  
UL Listed

### Model Numbers

910-159-001 CHAT 50 USB  
910-159-002 CHAT 50 USB Plus  
910-159-002-01 CHAT 50 USB Plus International  
910-159-003 CHAT 50 Global Traveler

## EUROPEAN COMPLIANCE

See the ClearOne Website for specific and most up-to-date European Compliance/Conformity-related information at:

[www.ClearOne.com/resources/EuroDOC.php](http://www.ClearOne.com/resources/EuroDOC.php)

## FCC PART 15/ICES-003 COMPLIANCE

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules and Industry Canada ICES-003. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced Radio/TV technician for help.

## FCC PART 15.19(A) (3) COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesirable operation.

## WARRANTY

ClearOne Communications, Inc. (the Manufacturer) warrants that this product is free of defects in both materials and workmanship. For complete warranty information including length, coverage, and limitations, visit ClearOne on the Web @ [www.ClearOne.com](http://www.ClearOne.com).

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