

## CHAT® | 50

### Personal Speakerphone — and more!

A personal speakerphone — and more! The CHAT 50 connects to a wide variety of devices for hands-free communications and audio playback. A perfect personal solution for road warriors and others who want rich full-duplex audio that is portable and economical.



ELIMINATE  
THE NEED  
FOR A HEADSET  
FOR A VARIETY  
OF AUDIO  
DEVICES

#### APPLICATIONS

##### Internet Telephony

- + Skype, Vonage

##### Enterprise Telephones

- + Avaya, Cisco, Inter-Tel

##### VoIP Softphones

- + Avaya, Cisco, Nortel, Mirial

##### Cell Phones

- + Motorola, Nokia

##### Web Conferencing

- + IBM/Lotus Sametime
- + Microsoft Live Meeting, WebEx

##### Instant Messenger

- + AOL, Microsoft MSN, Yahoo

##### Desktop Video Conferencing

- + Polycom, Sony, Tandberg

##### Audio Playback

- + iPods
- + QuickTime, RealPlayer
- + Windows Media Player

##### PC-Based Gaming

- + TeamSpeak

#### ADVANTAGES

##### Crisp, Clear Audio

- + Advanced ClearOne audio processing technologies deliver remarkably rich, full audio for business class performance
- + True full duplex performance allows user to listen and speak at the same time without audio cutting in and out

##### Multiple Uses

- + Laptops, Macs and PCs - connect via USB for hands-free audio for:

- > VoIP softphones
- > Instant Messaging audio chats
- > Web conferences
- > Audio playbacks
- > Online gaming with TeamSpeak

- + Telephones - enjoy significant audio quality improvement over built-in speaker

- + Cell phones - get full-duplex performance without a headset

- + Desktop video conferencing - obtain economical full-duplex performance over built-in audio

- + iPods & MP3 players - full-band frequency response delivers impressive audio

##### Hands-free Comfort

- + Move around freely without being tethered to PC or telephone with headset
- + Avoid discomfort to ears and fatigue caused by prolonged headset use

##### Convenience

- + Device is slightly bigger than a pack of cards, allowing for easy travel
- + Variety of accessories available to enable multiple connection options
- + Great for desktop, travel, or home use

## > Components



Chat 50



USB 2.0  
Connection Cable



Documentation on CD



Quick Start Guide



Power Supply



International Power Clips  
(Global Traveler only)



2.5mm - 3.5mm  
Cellphone Connection Cable



3.5mm - 3.5mm  
MP3 Player Connection Cable  
(Global Traveler only)

### Ready to use out of the box

All the components you need to quickly get up and running, including multiple adapters for U.S. & international power sources, along with USB, 2.5 - 3.5mm, and 3.5 - 3.5mm connection cables.\*

\*Additional accessories can be purchased separately



### Configuration Software

Allows users to easily switch between devices; software applies optimized settings to CHAT 50 for each device. Auto updates from the web keep software & CHAT 50 up-to-date with the latest enhancements.\*

\*Update feature not available when connected to Windows 2000

## > Specifications

### Connections

USB Connector  
Version 2.0 Compatible  
Type: Mini-B Female

### External Audio

Type: 3.5 mm (1/8") Mini-plug  
Tip: Line Output  
Ring: Line Input  
Sleeve: Ground

### Controls

Volume Up  
Volume Down  
Microphone Mute

### Compatibility

**Audio**  
Windows: XP, Vista, 7  
Mac OSX  
Linux

### Software

Windows: XP, Vista, 7

### 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

#### Line Input

Frequency Response: 20 Hz - 20 kHz +/- 1 dB  
Maximum Input Level: 0 dBu  
Input Impedance: 10 kΩ

#### Line Output

Frequency Response: 20 Hz - 20 kHz +/- 1dB  
Maximum Output Level: 0 dBu  
Output Impedance: 50 Ω

### Processing

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

### Power

USB-powered  
5 VDC @ 500 mA maximum

External Power Supply  
100 - 240 VAC Input  
7 VDC @ 560 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

FCC Class B Part 15  
REACH  
ICES-003  
U/L Listed  
CE Listed  
RoHS

### Model Numbers

910-159-001 CHAT 50 USB

- CHAT 50
- USB 2.0 Cable
- Quick Start Guide

910-159-002 CHAT 50 USB Plus

- CHAT 50
- USB 2.0 Cable
- Power Supply
- US Power Clip
- Cellphone Audio Cable (2.5 - 3.5 mm)
- Quick Start Guide

910-159-002-01 CHAT 50 USB Plus International

- CHAT 50
- USB 2.0 Cable
- Power Supply
- International Power Clips
- Cellphone Audio Cable (2.5 - 3.5 mm)
- Quick Start Guide

910-159-003 CHAT 50 Global Traveler

- CHAT 50
- USB 2.0 Cable
- Power Supply
- International Power Clips
- Cellphone Audio Cable (2.5 - 3.5 mm)
- MP3 Player Audio Cable (3.5 - 3.5 mm)
- Travel Case
- Quick Start Guide

### Accessory Part Numbers

830-159-001 USB Cable (3')

830-159-002 Cellphone Audio Cable (2.5 - 3.5 mm)

830-159-003 Video Conferencing Cable (3.5 mm - RCA)

830-159-004 Video Conferencing Cable (3.5 - 3.5 mm)

830-159-005 MP3 Player Audio Cable (3.5 - 3.5 mm)

830-159-006 Headset-to-Headphone / Microphone Splitter (3.5 - 3.5 mm / 3.5mm)

830-159-007 CHAT 50 Audio Cable for Cisco 79XX Series Phones

830-159-008 CHAT 50 Audio Cable for Inter-Tel 8400, 8500, 8600, Encore 1000, Encore 2000 Series Phones

830-159-009 CHAT 50 Audio Cable for Avaya 2410, 4610 Phones

460-159-001 Travel Case - Fits CHAT 50, Power Supply, Cables

460-159-003 Travel Case (Compact) - Fits CHAT 50, Cables

551-159-001 Power Supply

551-153-500-01G Power Supply Clips (US,

**NOTE:** Please refer to ClearOne website for equipment compatibility/interoperability tables.

## > CLEARONE WORLDWIDE

### Headquarters:

Salt Lake City, UT USA  
5225 Wiley Post Way  
Suite 500  
Salt Lake City, UT 84116  
Tel: 801-975-7200  
Toll Free: 800-945-7730  
Fax: 801-977-0087  
E-mail: sales@clearone.com

### Latin America

Tel: 801 974 3621  
global@clearone.com

### EMEA

Tel: +44 1454 616 977  
global@clearone.com

### APAC

Tel: +852 3590 4526  
global@clearone.com

### Middle East

Tel: +852 3590 4526  
global@clearone.com

Other product names may be registered trademarks of their respective owners who do not necessarily endorse ClearOne or ClearOne's products. All rights reserved. Information in this document subject to change without notice. © 2013 ClearOne Inc. 802-159-001-DS Revision 2.2 June 2013.