revolabs FLX™ UC 1000

Conference with Confidence

IP CONFERENCE PHONE

AUTHENTIC SPEAKER SOUND

The Revolabs FLX™ UC 1000 sets the new standard for conference phone audio. The innovative conference phone design offers the ultimate in audio performance with dual tweeter and mid-woofer elements, 4 embedded microphones and full echo cancellation. With true speaker sound, phone audio will never be the same.

STANDARD SIP SUPPORT FOR CLOUD AND ON-PREMISE ENVIRONMENTS

Supporting the SIP standard, the Revolabs FLX UC 1000 is designed to work in all major telephony environments, whether on-premise or in the cloud. It supports all market-leading IP PBX's.

FULL DUPLEX TECHNOLOGY

Using full-duplex technology, conference call audio will be clearer than ever before. Fully integrated echo cancellation provides call clarity on both ends, and the dual speakers provide the volume to fill the space. Conference call participants can now engage in real discussions and still be heard.

UNIFIED COMMUNICATIONS DEVICE

The FLX UC 1000 enables truly unified communications by supporting both USB audio and SIP telephony. This allows the FLX UC 1000 to be connected simultaneously to your IP telephone system and to your laptop, PC, or tablet for use in communication applications such as Skype™, Microsoft Lync™, IBM Sametime®, WebEx™, and many others. The FLX UC 1000 also functions as a bridge between these two communication channels, allowing a mix of SIP and USB audio conference calls. This is increasingly important with the advent of bring-your-own-device (BYOD) environments within offices, huddle rooms and small conference rooms.

INCREASED FREQUENCY RESPONSE

With a frequency range of 160 – 20,000 Hz, the FLX UC 1000 speaker phone brings a new level of audio clarity to communication settings and devices. Whether calling the CEO or listening to music from a USB connection, the FLX UC 1000 provides crisp, clear sound performance to suit all audio needs. Four microphones ensure that anybody in the conference room can be clearly heard. The microphones support the 160 – 20,000 Hz frequency range providing full audio fidelity to a wide range of communication applications.

FEATURES AND SPECIFICATIONS

SIP CALL HANDLING

- Make call, answer call
- Call hold, call resume
- Call transfer, (blind and supervised)
- Call forward
- Do not disturb
- 2 call appearance, allowing for local three way conferencing (join conference, split conference, hold conference, resume conference)
- Missed call notification
- Voice mail notification (switch configured)
- Speed dial
- Redial
- Caller ID
- Call timer
- Supported Codecs
  - G.711 (A-law and u-law)
  - G.722
  - G.726
- DTMF support
  - RTP event
  - SIP in-band
  - SIP info package support
- Call Manager Failover support

AUDIO FEATURES

- Loudspeaker
  - Frequency response: 160-20,000 Hz
  - Volume: Adjustable to 91 dB at 0.5m peak volume
- Microphones
  - Frequency response: 160-20,000 Hz
  - Individual acoustic echo cancellation per microphone
- Full-Duplex support
- Individual volume settings with visual feedback for each audio path
- Adjustable Echo performance for each audio path, based on acoustic environment
- Comfort noise fill
- DTMF tone generation
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Noise filter
- User selectable high pass and low pass filter
- Mini USB 2.0 audio connection

FEATURES

- Date and Time display
- User-configurable local contact list
- Call history (missed calls, placed calls, received calls)
- User-selectable ring tones
- Unicode UTF-16 character support
- Multilingual user interface: English, French, German, Italian, Portuguese, Spanish

ENVIRONMENTAL

- RoHS compliant

SECURITY

- SRTP / SRTCP support
- Password protected configuration files
- Password protected login
- HTTPS secure provisioning

NETWORK AND PROVISIONING

- DHCP or static IP
- SNTP server time synchronization
- Support for server based central provisioning (DHCP option 66)
- Web portal for individual unit configuration
- QoS Support – VLAN (IEEE 802.1p/Q) Layer 3 TOS and DSCP
- Network Address Translation (NAT) support
- Event logging
- Hardware diagnostics
- Status and statistics
- Field upgradeable

PROTOCOL SUPPORT

- IETF SIP support (RFC 3261 and companion RFCs)
- RTCP support (RFC 1889)

SAFETY

- CE Mark
  - EN 60950
- IEC60950
- UL60950
- CSA C22.2, No. 60950
- AS/NZS60950

EMC COMPLIANCE

- FCC (47 CFR Part 15) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR22 Class B
- VCCI Class B
- EN55024

KEYPAD

- 12-key telephone keypad
- Four context-dependent soft keys
- 5-key navigational buttons with select key
- On-hook/Off-hook, redial, menu, volume up, volume down, mute

DISPLAY

- 3.5 inch diagonal color graphics display
- 480 x 320 pixels

POWER

- IEEE 802.3af Power over Ethernet (PoE)
- Optional power injector available, 100-240V, 48V, 0.3A

ENVIRONMENTAL CONDITIONS

- Operating temperature: 32 to +104 degrees F (0 to +40 degrees C)
- Relative humidity: 20%-85% (noncondensing)
- Storage temperature: -22 to + 131 degrees F (-30 to + 55 degrees C)

WARRANTY

- 1 year warranty

DIMENSIONS

- Base unit: 123mm H x 150mm W x 150mm L
- Dialer unit: 41mm H x 133mm W x 136mm L

WEIGHT

- 3 lb (1.3 kg)

COUNTRY OF ORIGIN

- China

BOX CONTENT

- Base unit
- Dialer unit
- 25 foot Ethernet cable
- Quick Start Guide
- Quick User Guide

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