Revolabs FLX UC 1500

Enterprise VoIP and Softphone Conferencing, Extended

Larger conference rooms in the enterprise require additional microphones at the ends of the table to ensure quality call performance. Current solutions for this scenario involve connecting multiple units for additional speaker output and microphone input, which increases the overall system footprint for a minor improvement in audio quality.

The Revolabs FLX™ UC 1500 provides the answer for the larger conference room by building off the speakerphone capability of the FLX UC 1000 IP & USB Conference phone with two additional directional microphones.

The UC 1500's integrated SIP technology works in all major telephony environments, whether on premise or in the cloud, and supports all market-leading IP PBX's. In addition, the FLX UC 1500 easily integrates with your choice of PC applications for collaboration and conferencing. A key benefit of this integration is that the FLX UC 1500 is capable of bridging VoIP Calls and calls via USB and third party softphone applications – allowing your team to communicate using the best medium for collaboration.

The FLX UC 1500 offers the most extensible solution for USB, VoIP, and conference bridging for enterprise conferencing and collaboration.

FILLS THE CONFERENCE ROOM WITH HIGH QUALITY SPEAKER SOUND

In conference rooms sized for up to 18 people, speaker audio can be heard by every meeting participant; the FLX UC 1500's powerful speakers can fill the entire conference room with audio.

COMPLETE ROOM MICROPHONE COVERAGE

Every word by the meeting participants is picked up and transmitted to the far end due to the complete 360° coverage of the four built-in directional microphones and additional directional microphones.

FULL DUPLEX

Participants can communicate naturally as if they are in the same room, and the technology in the FLX UC 1500 supports simultaneous audio play back and audio capture ensuring every word is heard.

INTEGRATED ECHO CANCELLATION

The meeting participant speaking has his audio picked up and transmitted clearly; built-in digital signal processing separates out the speech of the meeting participant, room noise, and audio from the speaker of the device to ensure only the correct audio is transmitted to the far end. Real discussions between conference participants are finally possible.

INTUITIVE DIALER WITH FULL COLOR GRAPHICS DISPLAY

The keypad provides quick access to the key calling features: On-Hook, Off-Hook, Volume Up/Down, Mute, Redial, and Main Menu, with additional context-dependent soft keys, navigational buttons, and telephone keypad for ease of use and dialing. The intuitive dialer boasts an easy to use, icon-based menu system on the full color graphics display.

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FEATURES AND SPECIFICATIONS

SIP	
Call Handling	Make Call, Answer, Hold, Resume, Transfer (Blind and Supervised), Forwarding, Do not disturb, Redial, Call Timer, Call ID, Speed Dial, Missed Call Notifications, Voice Mail Notifications (switch-configured)
Call Bridging	Supports Bridging SIP and USB Calls. Join, Split, Hold, Resume, 3+1 Lines: Up to 2 SIP calls, 1 USB call, plus the user
Codecs	G.711 (A-law and μ-law), G.722, G.726, G.729
DTMF Support	RTP event, SIP in-band, SIP info package support
Security	SRTP/SRTCP Support (RFC 1889), IETF SIP support (RFC 3261 and companion RFCs), SSIP, Password protected configuration files, Password protected login, HTTPS Secure Provisioning
Network provisioning	DHCP or Static IP, Server Based Central Provisioning, Web Portal for Individual Unit Configuration

DEVICE FEATURES	
Base Unit	Capacitive Touch Buttons for On-Hook, Off-Hook, Volume Up/Down, Mute
Dialer Keypad	12-key telephone keypad, 4 context-dependent soft keys, 5 Navigation buttons with select key, On-Hook, Off-Hook, Volume Up/Down, Mute, Redial, Menu
Dialer Display	3.5in diagonal color graphics display, 480x320 pixels
User Interface	Date & 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 Capacitive
Extension Mics	Touch Button for Mute and Status indicator

AUDIO FEATURES		
Speaker Elements	Tweeter, Mid-Woofer	**SYSTEM INCLUDES:**
Speaker Frequency Response	160 – 20,000 Hz	• 1 Base Unit
MAX SPL	91 dB at 1m	• 1 Dialer Unit
Microphones	4 embedded directional	• 1 USB Cable, 6.56ft (2.0m)
	2 directional extension microphones	• 1 Ethernet Cable, 25ft (7.62m)
Microphone Coverage	360° Audio Pick-Up	• 2 Directional Extension Microphones
Microphone Frequency Response	160 – 16,000 Hz	• Quick Start Guide
Echo Cancellation	Individual AEC per microphone	
Full Duplex	Yes	

INTERFACES	
Power	Power over ethernet (PoE)
USB	Mini USB 2.0 Connector

YAMAHA

SHARING PASSION & PERFORMANCE

Yamaha Unified Communications, Inc.
144 North Road #3250
Sudbury, MA 01776 USA
+1 800-326-1088
uc-sales@music.yamaha.com

ENVIRONMENTAL	
Operating Temperature	32 – 104 °F (0 - 40 °C)
Storage Temperature	-22°F to +131 °F (-30°C to +55 °C)
Relative Humidity	20%-85% (noncondensing)

COMPLIANCE	
Safety	CE Mark: EN 60950
	IEC 60950
	UL 60950
	CSE C22.2, No. 60950
	AS/NZS 60950
EMC	FCC (47 CRF Part 15) Class B
	ICES-003 Class B
	EN55022 Class B
	CISPR22 Class B
	AS/NZS CISPR22 Class B
	VCCI Class B
	EN55024
Environmental	RoHS

Yamaha UC EMEA
190 High Street Tonbridge, Kent
TN9 1BE, UK
+44 (0)1732 366535
uc-salesemea@music.yamaha.com

Yamaha UC APAC
+852.8108.8820
uc-salesapac@music.yamaha.com

SIZE, WEIGHT, POWER	
Base Unit Height	4.84 in (123mm)
Base Unit Width	5.9 in (150mm)
Base Unit Length	5.9 in (150mm)
Dialer Unit Height	1.6 in (41mm)
Dialer Unit Width	5.2 in (133mm)
Dialer Unit Length	5.3 in (136mm)
Weight	3 lb (1.3 kg)
Power	IEEE 802.3af Power over Ethernet (PoE)

WARRANTY	
	1 year warranty *EU warranty is 2 years