



# Revolabs FLX UC 500

## USB Conference Phone for Enterprise

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Softphones, Messenger, and Video Conferencing Applications are supplementing or replacing conventional telephony systems for Enterprise Communications.

Current audio solutions for the enterprise are primitive or provide poor audio performance. Leveraging the built-in laptop speaker and microphone causes users to have difficulty hearing and being heard. Alternatively, solutions powered via USB have limited audio output volume.

This is especially cumbersome and inconvenient for conference rooms with multiple participants crowding around a single computer or device.

The Revolabs FLXTM UC 500 provides the solution for **enterprise communications**. Combining the best technology for speakers, microphones, and audio processing, the UC 500 improves all aspects of audio handling for your communication needs. It provides “Best in Class” audio performance, changing the price/performance paradigm in this space.

The UC 500 is a **full duplex system** allowing for audio playback and audio capture simultaneously. Users communicate as if they were in the same room, allowing for the natural flow of conversation and interruptions, and the technology in the UC 500 ensures that every part of that discussion is heard.

The UC 500 provides exceptional audio quality through the tweeter and mid-woofer speaker elements. As a powered system, the speakers’ output audio fill the conference room with sound ensuring that the participant can be heard – whether the system is in an executive office, huddle room, or a conference room.

Four embedded microphones give the UC 500 full 360° coverage of audio capture. The microphones feature wideband frequency response, making the UC 500 the ideal solution for any communication application. You can hear every word of your softphone call, webinar, or audio conference call, and be assured that the far end will hear you clearly as well.

The UC 500 provides integrated acoustic echo cancellation; no additional processing is required by the computer to ensure the best possible audio signal.

With years of experience building audio solutions for executive conference rooms, Yamaha Unified Communications has incorporated this technology into the design of the UC 500. The UC 500 has been designed and rigorously tested in real conference rooms to ensure every piece of the system – from the mechanical design, to the electrical design, to the signal processing, to the product firmware – is optimized for acoustic performance. The UC 500 offers new possibilities to enhance the experience of using unified communications solutions for meetings and online collaboration. ▶

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# Benefits

## FILLS THE CONFERENCE ROOM WITH HIGH QUALITY SPEAKER SOUND

In conference rooms sized for up to 8-10 people, speaker audio can be heard by every meeting participant; the UC 500's powerful speaker can fill the entire conference room with crystal-clear audio.

## COMPLETE 360° ROOM MICROPHONE COVERAGE

Every word by the meeting participants is picked up and transmitted to the far end by the four embedded directional microphones.

## FULL DUPLEX

Participants on every endpoint can communicate naturally as if they are in the same room; the technology in the UC 500 supports simultaneous audio playback and audio capture ensuring every word is heard.

## THIRD-PARTY APPLICATION SUPPORT

Easily integrates with your choice of 3rd party applications for collaboration and conferencing; the additional FLX UC Device Manager provides call control for hang up and answer directly from the device using the intuitive capacitive touch buttons.

## INTEGRATED ACOUSTIC ECHO CANCELLATION

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

## STYLISH AND FUNCTIONALLY DESIGNED FOR SMALL SPACES

Innovative design provides quality audio in a smaller form factor, taking up less table space.

# FEATURES AND SPECIFICATIONS

<b>AUDIO</b>	Speaker Elements	Tweeter, Mid-Woofer
	Speaker Frequency Response	160 – 20,000 Hz
<b>INTERFACES</b>	MAX SPL	91 dB at 1m
	Microphones	4 embedded directional
	Microphone Coverage	360° Audio Pick-Up
	Microphone Frequency Response	160 – 16,000 Hz
	Echo Cancellation	Individual AEC per microphone
	Full Duplex	Yes
<b>INTERFACES</b>	Power	AC Power Adapter
	USB	Mini USB 2.0 Connector
<b>ENVIRONMENTAL</b>	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)
<b>COMPLIANCE</b>	Safety	CE Mark: EN 60950
		IEC 60950
		UL 60950
<b>COMPLIANCE</b>	EMC	CSE C22.2, No. 60950
		AS/NZS 60950
		ICES-003 Class B
		EN55022 Class B
		CISPR22 Class B
		AS/NZS CISPR22 Class B
<b>COMPLIANCE</b>	Environmental	VCCI Class B
		EN55024
		RoHS
<b>SIZE, WEIGHT, POWER</b>	Height	4.84in (123mm)
	Width	5.9in (150mm)
	Length	5.9 in (150mm )
	Weight	2.2lb (1 kg)
	Power	15V, 1A External Power Supply
	<b>WARRANTY</b>	
		*EU warranty is 2 years



**YAMAHA**

SHARING PASSION & PERFORMANCE

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