YAMAHA

Revolabs FLX 2

Wireless Conference Phone for VoIP

The Revolabs FLX™ conference phone is the only wireless VoIP phone available in the market. Designed specifically for conference rooms, executive offices, and small office/home office environments, the FLX redefines the traditional design of conference phones. Now users can enjoy more efficient meetings and calls with the latest communication technology.

Wireless Freedom
- No more unsightly wires on the conference table
- Place microphones and speaker where needed
- Dial from anywhere in the room

Superior Audio Quality
- Wearable microphone allows for presenters to move freely and still be heard
- Patent-pending technology delivering spoken word clarity

Handset Calls or Speaker Calls
- Place a conference or private call with just one phone

Connectivity
- Connect to an IP PBX
- Connect to a video conferencing unit using audio in/out, making the FLX the only audio technology required in a meeting room
- USB audio to a PC makes applications such as Skype®, WebEx®, Lync®, and Sametime® wireless and ready for conference calls
- Turn a smartphone into a conference phone through Bluetooth® connectivity

Stylish Design
- The elegance of the phone is the focus
- Low real-estate requirements on the conference table

FEATURES AND SPECIFICATIONS

WIRELESS TECHNOLOGY
- DECT 6.0 for US, ETSI ETS 300 175 for other countries
- Bluetooth® 2.1+EDR

SIP CALL HANDLING
- Make call, answer call
- Call hold, call resume
- Call transfer (blind and supervised)
- Call forward
- Do not disturb
- Two call appearances, allowing for local three-way conference (join conference, split conference, hold conference, resume conference)
- Missed call notification
- Voice mail notification (switch configured)
- Speed dial
- Redial capabilities
- Support for caller ID

AUDIO
- Two wireless microphones (omni directional, directional, or wearable)
- Microphone frequency pickup: 100 – 11,000 Hz
- 12 ft (3.60 m) microphone pickup
- Speaker frequency response: 120 – 11,000 Hz
- Volume: adjustable to 91 dB at 0.5 meters peak volume
- Volume setting with visual feedback for each audio path
- DTMF tone generation
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Individual acoustic echo cancellation per microphone
- Noise filter
- User-selectable high pass filter
- Supported codecs:
  - G.711 (Ð-law, µ-law), G.721, G.722, G.726-32

FEATURES
- Date and time display
- Call display
- User-configurable local phonebook
- Selectable ring tones
- Unicode UTF-8 character support

SECURITY
- SRTP support
- Password-protected login
- Password-protected configuration files

NETWORK AND PROVISIONING
- DHCP or static IP
- Web portal for individual unit configuration
- Configuration import / export
- Reset to factory settings
- QoS support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and DSCP
- Network Address Translation (NAT) support
- Status and statistics

PROTOCOL SUPPORT
- IETF SIP (RFC 3261 and accompanying RFCs)
- RTCP support (RFC 1889)

SAFETY
- CE Mark
  - EN 60950
- IEC 60950
- UL 60950
- CSA C22.2 No 60950
- AS/NZ 60950

EMC
- FCC Part 15 B, C, and D
- ICES-003
- IC-RSS 213
- IC-RSS 210
- EN55022
- EN 55024
- EN 301 489-1, -3, and -6
- EN 300 328
- EN 301 406
- C-Tick
  - o AS CISPR 22
  - o AS/NZS 4268

TELECOM
- FCC Part 68
- A Tick
  - o AS/ACIF S002

ENVIRONMENTAL
- RoHS compliant

KEYPAD
- 12-key telephone keypad
- Two context-dependent soft keys
- 5-key cursor control keys
- Make call / end call

DISPLAY
- 2-inch diagonal color display, 176 x 220 pixels

INTERFACES
- Base station:
  - Ethernet 10/100 Base-T (RJ 45)
  - Three 3.5 mm auxiliary audio inputs and outputs
  - Two USB mini ports for firmware upgrades
- Charger station:
  - Power connector
  - USB port for firmware updates

INCLUDED
- Wireless speaker
- Two wireless microphones (omni directional, directional, or wearable)
- Wireless handset
- Charger station w/ power supply
- FLX VoIP base station
- 7 ft. Ethernet cable

POWER
- IEEE 802.3af Power over Ethernet (PoE)
- Optional power injector available, 100-240V, 48V, 0.3A, 5.5 x 2.5 x 10 mm plug
- 100-240V 0.8A input, 12-15V 18W output power supply for charger station

ENVIRONMENTAL CONDITIONS
- Operating temperature 32°-104°F (0° - 40° C)
- Relative humidity: 20% - 80% non-condensing

WARRANTY
- 1 year warranty

DIMENSIONS
- Speaker: 157 x 93mm diameter
- Microphones: 94.2 x 24.6 x 18.5 mm (omni-directional microphone)
- Handset: 125 x 48 x 11mm
- Charger base: 170 diameter x 22mm
- Base station: 180 x 153 x 32mm

WEIGHT
- 1.280 kg

COUNTRY OF ORIGIN
- Designed in the U.S.; Manufactured in China

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

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

Yamaha UC APAC/India
+65 97800526 APAC
+91.124.4711881 India
uc-salesapac@music.yamaha.com

©2018 YAMAHA UC INC. ALL RIGHTS RESERVED