POLY ROVE B4 DECT™ BASE STATION

SPECIFICATIONS

DECT™ FREQUENCY

- 1920–1930 MHz (North America SKU)
- 1880–1900 MHz (EU/ANZ/UK SKU)

RANGE

- Indoor: up to 165 ft (50 m)
- Outdoor: up to 980 ft (300 m)
- Range increases by up to 50 m or up to 300 m depending on environment as a base station or repeater is added

AUDIO FEATURES

- Narrowband Codecs: G.711 A-law and μ-law, G.726, G.729A, G.729AB
- Wideband Codec: G.722, Opus
- Voice activity detection
- Comfort noise generation
- DTMF tone generation (RFC2833 and SIP INFO)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Advance Noise Cancelation
- Packet loss concealment
- G.165, 168 echo cancellation
- Silence suppression

TELEPHONY FEATURES

- Up to 30 Handsets per Base Station
- Up to 8 Simultaneous Calls per Base Station
- Up to 1000 Handsets per System
- Up to 1000 SIP Registrations per System
- Up to 2000 Simultaneous Calls per System
- Shared call/bridged line appearance
- Distinctive incoming call treatment/call waiting
- Call timer and call waiting
- Call transfer, hold, pickup, call resume

- Called, calling, connected party information
- Local or network based three-way audio conferencing
- Missed Call Notifications
- Do Not Disturb (DND) function
- Intercom
- Enhanced Call Park
- Caller ID enable/disable
- Call forward on busy, on no answer, unconditional
- Message Waiting Indicator (MWI)
- LED Indicator
- Locate Handset and Handset Registration Button
- Monitor signal strength of handsets
- Monitor battery life of handsets
- Out of voice band DTMF (RFC 2833)
- Out of voice band DTMF (SIP INFO METHOD)
- Call progress tone generation
- Daylight Savings Time support—worldwide
- XSi directory
- XML/LDAP/remote phonebook
- DECT™ redundancy

VOIP FEATURES

- Ten (10) service provider configuration profile assignments (ITSP Profile A – J)
- Up to 1000 (1000) service subscription profile assignments (SP 1 – 1000)
- SIPv2 (RFC 3261, 3262, 3263,3264)
- SIP over UDP
- SIP over TCP
- SIP over TLS
- SIP proxy redundancy—Local or DNS based SVR, primary and secondary fallback list

- Maximum number of sessions—independent per service
- Codec profile per SIP SP
- Dynamic audio payload
- SUBSCRIBE/NOTIFY Framework (RFC 3265)
- NOTIFY dialog, line status
- SUBSCRIBE message summary
- VoIP NAT interworking
- DATA Header support
- Remote-Party-ID (RPID)
- P-Asserted-Identity (PAID)

NETWORK

- 10/100 Base Ethernet Port
- Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment
- Conforms to IEEE802.3-2002 (Clause28) for link partner auto-negotiation
- SIP protocol support
- SDP
- Manual or dynamic host configuration protocol DHCP network setup
- Time and date synchronization using SNTP FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- SNTP (RFC 2030)
- Provisioning and call server redundancy supported[1]
- QoS support—IEEE 802.1p/Q tagging
- (VLAN), Layer 3 TOS, and DHCP
- CDP/LLDP-MED for VLAN discovery
- Network address translation—support for static configuration and "Keep-Alive" SIP signaling
- RTCP and RTP support
- Event logging

- Syslog
- MAC Address (IEEE 802.3)
- UDP (RFC 768) in SSL/TLS
- TCP (RFC 793) in SSL/TLS
- IPv4 (RFC 791) – static IP and DHCP support
- ICMP (RFC 792)
- ARP—address resolution protocol
- Domain Name System (DNS) A records (RFC 1706) and SRV records (RFC 2782)
- DNS NAPTR
- RTP/RTCP (RFC 1889)
- DHCP Client (RFC 2131)
- DiffServ (RFC 2475)—independently configured service, SIP and media
- ToS (RFC 791, 1349)—independently configured service, SIP and media
- VLAN tagging (802.1p)—independently configured service, SIP and media

MANAGEMENT AND CONFIGURATION

- Provisioning via PDMS-SP
- Troubleshoot interface: Syslog, PCAP and Web
- Secure Remote Provisioning: HTTPS, Encrypted XML via TFTP or HTTP
- Customization: Poly Zero Touch
- System settings back-up/restore: Save and restore configuration via XML file to/from a local folder

SECURITY

- 802.1X authentication and EAPOL
- Media encryption via SRTP
- Transport layer security[1]
- Encrypted configuration files[1]
- Digest authentication
- Username and Password web interface access via HTTP or HTTPS
- HTTPS secure provisioning[1]

RTP STATISTICS

- Audio Codec Type (Tx/Rx)
- RTP Packetization (Tx/Rx)
- RTP Packet Count (Tx/Rx)
- RTP Byte Count (Tx/Rx)
- Packets Out-Of-Order
- Packets Interpolated
- Packets Dropped
- Packets Lost
- Jitter Buffer Length-ms
- Received Interarrival Jitter-ms
- Jitter Buffer Underruns
- Jitter Buffer Overruns

BASE STATION POWER

- External Universal AC adapter (5V 2A DC)
- Power Over Ethernet (POE)

POLY ROVE B4 DECT™ BASE STATION COMES WITH:

- Base Station
- Stand
- Ethernet Cable
- Wall Mounting Kit
- Quick Start Card
- Safety Sheet[2]

COMPLIANCE

- USA FCC
- Canada IC RSS
- EEA CE
- AU/NZ RCM
- NZ Telepermit
- Hong Kong HKCA
- Singapore IMDA TS CT-CTS
- ROHS compliant
- ENERGY STAR

SAFETY

- UL 62368-1
- CE Mark
- CAN/CSA C22.2 No 62368-1
- EN 60950-1 and 62368-1
- IEC 60950-1 and 62368-1
- AS/NZS 60950.1 and 62368.1

OPERATING CONDITIONS

- Temperature: -10 to +55°C (+14 to +131°F)
- Relative humidity: 5% to 95%, non-condensing
- Storage Temperature: -40 to +70°C (-40 to +158° F)

WEIGHT

- Base station weight: 0.179 kg

UNIT BOX DIMENSIONS (W X H X D)/WEIGHT

- Base Station box dimensions: 184 x 139 x 44 (mm)
- Base Station box weight: 0.313 kg (with product, accessory, and documents)

MASTER CARTON QUANTITY

- 10

COUNTRY OF ORIGIN

- China

WARRANTY

- 1-year limited warranty