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 20 Handsets (Single/Dual Cell)
- Up to 10 Simultaneous Calls (Single Cell)
- Up to 20 Simultaneous Calls (Dual Cell)
- Up to 20 SIP Registrations
- 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 Twenty (20) service subscription profile assignments (SP 1 – 20)
- 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
- 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 security1
• Encrypted configuration files1
• Digest authentication
• Username and Password web interface access via HTTP or HTTPS
• HTTPS secure provisioning1

**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 B2 DECT™ BASE STATION COMES WITH:**

• Base Station
• Stand
• Ethernet Cable
• Power Adapter
• Wall Mounting Kit
• Quick Start Card
• Safety Sheet2

**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: 0.176 kg

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

• Base Station box dimensions: 239 x 141 x 44 (mm)
• Base Station box weight: 0.395 kg (with product, accessory, and documents)

**MASTER CARTON QUANTITY**

• 10

**COUNTRY OF ORIGIN**

• China

**WARRANTY**

• 1-year limited warranty
SPECIFICATIONS

DECT™ FREQUENCY
- 1920–1930 MHz (North America SKU)
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- 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
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• Ethernet Cable
• Wall Mounting Kit
• Quick Start Card
• Safety Sheet2

**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
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• 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

1Most software-enabled features and capabilities must be supported by the server. Please contact your IP PBX/softswitch vendor or service provider for a list of supported features.
2Safety sheets are only included in EU units.

LEARNS MORE
For more information on Poly Rove Family, visit poly.com/rove

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