

# POLY ROVE B2 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  $\mu$ -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 Cancellation
- 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—dependent 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 (Clause 28) 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<sup>1</sup>
- 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

# 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  $\mu$ -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 Cancellation
- 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

### DATA SHEET

- 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
  - Maximum number of sessions—dependent 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<sup>1</sup>
  - 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<sup>1</sup>
- Encrypted configuration files<sup>1</sup>
- Digest authentication
- Username and Password web interface access via HTTP or HTTPS
- HTTPS secure provisioning<sup>1</sup>

#### 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<sup>2</sup>

#### 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

---

<sup>1</sup>Most 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.

<sup>2</sup>Safety sheets are only included in EU units.

#### LEARN MORE

For more information on Poly Rove Family, visit [poly.com/rove](https://poly.com/rove)