



Poly Rove DECT IP Phone

Poly Rove 30, Poly Rove 40, Poly Rove B2, Poly Rove B4, and Poly Rove R8

Poly announces the new release Poly Rove DECT IP phone software. This release covers Poly Rove handsets, base stations, and repeater hardware on firmware version **8.0.3.B00010**.

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What's New

These release notes provide information on important field fixes and the following new features:

- [Phone Line Status Display on the Home Screen](#)
- [Configure E911/HELD in Poly Rove](#)
- [Easy Registration for the Poly Rove B4 Base Station](#)
- [Manual Designation of a Provisioning Primary Cell](#)

Phone Line Status Display on the Home Screen

The first two phone lines assigned to a Poly Rove handset now display directly on the **Home** screen. For example, the registration status of each line indicates the following information:

- Line 1 with registration successful displays in green with a checkmark icon.

- Line 2 with registration failed displays in red with an X icon.

You can continue to access additional lines assigned to the handset by using the softkeys.

Configure E911/HELD in Poly Rove

This release adds support for service providers to enable location based Enhanced 911 (E911) service for Poly Rove DECT IP phone deployments. Support for the HTTP-Enabled Location Delivery (HELD) protocol is also included in this feature. Currently, RedSky is the only supported HELD service.

Note that when HELD is used as the source of location information, during reboot the location refreshes and updates 5 minutes before the expiry of the location request.

To configure the list of emergency call numbers:

- 1 In the system web interface, go to **System Management > Device Admin**.
- 2 Under **Emergency Numbers**, in the **Default** column, clear the check boxes for the following parameters and enter the applicable values in the **Value** column.

EmergencyNumberN: Enter the list of emergency call numbers.

Note: When **Emergency Numbers** are configured, the system doesn't recognize the default country-specific emergency number.

- 3 Select **Submit**.
- 4 Reboot your system when you complete your changes.

To configure the source of location information for E911:

- 1 In the system web interface, go to **System Management > Device Admin**.
- 2 Under **Location Information Service**, in the **Default** column, clear the check boxes for the options that you want to configure.
- 3 In the **Value** column, configure the following settings:

Source: Select a location information source from the drop-down menu. The options include:

- **ELIN:** Rove inserts the 10-digit Emergency Location ID Number (ELIN) in the P-Asserted-Identity (PAI) header of the outgoing SIP INVITE on emergency calls.
- **Custom Location ID:** Rove appends the custom alpha-numeric string to the SIP URI in the From header of an outgoing SIP INVITE and the PAI header of an outgoing 200 OK on emergency calls.
- **Custom Location ID - PAI:** Rove inserts the custom alpha-numeric string in the PAI header of an outgoing SIP INVITE and an outgoing 200 OK on emergency calls.
- **HELD:** Rove obtains location URIs from the HELD service and inserts the location URIs into the Geolocation header of an outgoing SIP INVITE on emergency calls.

LocationID

- If **Source** is **ELIN**, specify the 10-digit number.

- If **Source** is **Custom Location ID**, specify the alpha-numeric string.
 - If **Source** is **Custom Location ID - PAI**, specify the alpha-numeric string.
- 4 Select **Submit**.
 - 5 Reboot your system when you complete your changes.

To check the current location for E911:

- 1 In the system web interface, go to **System Management > Device Admin**.
- 2 View the value in **CurrentLocation**.

To configure the HTTP-Enabled Location Delivery for E911:

- 1 In the system web interface, go to **System Management > Device Admin**.
- 2 Under **HTTP-Enabled Location Delivery**, in the **Default** column, clear the check boxes for the options that you want to configure.
- 3 In the **Value** column, configure the following settings:
 - CompanyID**: The value for the CompanyID attribute in the location request message.
 - PrimaryServer**: The URI of the primary location server.
 - SecondaryServer**: The URI of the secondary location server.
 - Username**: The username of the HELD service account.
 - Password**: The password of the HELD service account.
- 4 Select **Submit**.
- 5 Reboot your system when you complete your changes.

E911/HELD Parameters

Use the following parameters to configure your system's E911/HELD service.

X_DeviceManagement.EmergencyNumbers.

EmergencyNumberN

N = 1 to 5. The list of emergency call numbers.

None (default)

X_DeviceManagement.LocationService.

Source

The source of location information. The options are:

- ELIN
- Custom Location ID
- Custom Location ID - PAI
- HELD

LocationID

The ID of the location determined from the location source.

- If *Source* is **ELIN**, specify the 10-digit number to be inserted in the P-Asserted-Identity (PAI) header of the outgoing SIP INVITE on emergency calls.
- If *Source* is **Custom Location ID**, specify the custom alpha-numeric string to be appended to the SIP URI in the From header of an outgoing SIP INVITE and the PAI header of an outgoing 200 OK on emergency calls.
- If *Source* is **Custom Location ID - PAI**, specify the custom alpha-numeric string to be inserted into the PAI header of an outgoing SIP INVITE and an outgoing 200 OK on emergency calls.

CurrentLocation

This read-only parameter is populated automatically by retrieving the current location of the device. During reboot, the location refreshes and updates 5 minutes before the expiry of the location request.

X_DeviceManagement.LocationService.HELD.**CompanyID**

The value for the CompanyID attribute in the location request message. Currently, only RedSky is supported.

PrimaryServer

The URI of the primary location server.

SecondaryServer

The URI of the secondary location server.

Optional

Username

The username of the HELD service account.

Optional

Password

The password of the HELD service account.

Optional

Easy Registration for the Poly Rove B4 Base Station

You can now pair a Poly Rove handset or a Poly Rove repeater with a Poly Rove B4 base station using Easy Registration. For more information, see the [Poly Rove DECT IP Phone Administrator Guide](#).

Manual Designation of a Provisioning Primary Cell

In a dual or multicell environment, you can designate one Poly Rove B4 base station as the provisioning primary. This B4 base station then initiates provisioning from the SIP server and fetches the shared configuration file from the server.

To enable this feature:

1. In the system web interface, go to **System Management > Auto Provisioning > ITSP Provisioning**.
2. In the **Value** column for the `ProvisioningPrimary` parameter, enter the MAC address of the Poly Rove B4 base station provisioned on the SIP server, that you want to designate as the primary provisioning cell.
3. Select **Submit**.
4. Reboot your system when you complete your changes.

Release History

This section lists the release history of Poly Rove.

Release History

Release	Release Date	Features
8.0.3	July 2022	This release addresses known issues.
8.0.3	July 2022	This release addresses known issues and includes the following features: <ul style="list-style-type: none"> • Phone Line Status Display on the Home Screen • Configure E911/HELD in Poly Rove • Easy Registration for the Poly Rove B4 Base Station • Manual Designation of a Provisioning Primary Cell
8.0.2	January 2022	This release addresses known issues and includes the following features: <ul style="list-style-type: none"> • Request Configuration Files with a check-sync SIP NOTIFY Message • DTMF Enhancements
8.0.1	July 2021	This release addresses known issues and adds new features.

Release	Release Date	Features
8.0.0	March 2021	<p>This release includes the following features:</p> <ul style="list-style-type: none"> • Single/Dual-Cell and Multi-Cell Base Stations • Wireless Handset and SIP Registrations • DECT Repeaters • Antimicrobial Coating • Bluetooth Pairing • Programmable Emergency Button • Programmable Function Keys • UC Software Configuration

Security Updates

Please see the [Security Center](#) for information about known and resolved security vulnerabilities.

Resolved Issues

This section identifies the issues resolved in this release.

IMPORTANT: These release notes don't provide a complete listing of all resolved issues that are included in the software. User experience updates, performance fixes, and enhancements may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Resolved Issues

Category	Issue ID	Description
Audio	O-457	When used with Poly Blackwire 3300, 5200, and Encore Pro 3.5mm headsets, the Poly Rove 30 and Poly Rove 40 outgoing audio is saturating and clipping. Now, you can select any of the preceding headsets in the Poly Rove 30 and Poly Rove 40 handsets' Preferences > Headset selection menu to avoid the saturation.
Calling	O-518	With Poly Rove as a Zoom client, transferring a call from a Windows or Android Zoom client causes Poly Rove to restart.
Configuration	EN-222952	A memory leak occurs when TLS sessions are created and torn down. Typically, this happens when fetching a profile via HTTPS. If periodic and very frequent provisioning is configured, it results in the system eventually running out of memory and rebooting.
Device Management	EN-230688	When a multi-cell Rove B4 network contains many cells, accessing the Base Station Group in the system web interface causes the Rove B4 to reboot.

Category	Issue ID	Description
Directories/Address Books	O-454	A problem in parsing the phone book XML leads to missing contacts in the Local Central Directory. After this update, the phone book XML is correctly parsed.
Directories/Address Books	O-507	When LDAP is enabled on a Poly Rove B2 or B4 base station, the system might become unstable after approximately 90 phone calls or directory searches. SIP registrations might fail, and the device web page might become unresponsive.
General	O-450	When the server replies 408 and other error codes to SIP subscription requests, Poly Rove doesn't retry. After this update, 408 and other error codes trigger an attempt to resubscribe.
Interoperability	O-443	Poly Rove doesn't accept incoming RTP packets when the codec type isn't the first one listed in the SDP exchanges. After this update, as a partial fix, Poly Rove now only lists one codec in the outgoing 200 OK.
Interoperability	O-456	The Poly Rove base station crashes when the SDP in the incoming call's INVITE contains video, and SRTP is enabled. After this update, the Poly Rove base station no longer crashes for these video calls.
Interoperability	O-469	The Poly Rove base station doesn't send rport in the Via header when SIP/UDP is used as the transport. After this update, rport is sent in the Via header.
Interoperability	O-494	The incoming call drops when 100rel is used with some servers. After this update, the incoming calls no longer drop.
Interoperability	O-521	With rel100 enabled, when the incoming INVITE message doesn't contain an SDP, Poly Rove includes an SDP offer when it replies 180 Ringing. Sometimes the offer is missing the PCMU codec.
User Interface	O-419	After ending a call on a shared line, the line icon on the Poly Rove 30 or Poly Rove 40 handset ending the call still shows the line as being busy. After this update, ending a call on a shared line no longer shows the line icon as busy on the Poly Rove 30 or Poly Rove 40 handset.

Known Issues

The section lists the known issues and suggested workarounds for this release and previous releases.

IMPORTANT: These release notes do not provide a complete listing of all known issues for the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Known Issues

Category	Issue ID	Found in Release	Description	Workaround
General	O-505	8.0.3	Poly Rove base station doesn't continue to try the primary HELD server if the server is unreachable.	Populate the <code>SecondaryServer</code> to be the same as the primary HELD server.
User Interface	O-520	8.0.3	For Poly Rove B2, with Group Calling enabled, the line ID of an incoming call isn't shown at the top of the phone's display when the handset is ringing.	None

Get Help

For more information about installing, configuring, and administering Poly products or services, go to the [Poly Online Support Center](#).

Related Poly and Partner Resources

See the following sites for information related to this product.

- [Poly Support](#) is the entry point to online product, service, and solution support information. Find product-specific information such as Knowledge Base articles, Support Videos, Guide & Manuals, and Software Releases on the Products page, download software for desktop and mobile platforms from Downloads & Apps, and access additional services.
- The [Poly Document Library](#) provides support documentation for active products, services, and solutions. The documentation displays in responsive HTML5 format so that you can easily access and view installation, configuration, or administration content from any online device.
- The [Poly Community](#) provides access to the latest developer and support information. Create an account to access Poly support personnel and participate in developer and support forums. You can find the latest information on hardware, software, and partner solutions topics, share ideas, and solve problems with your colleagues.
- The [Poly Partner Network](#) is a program where resellers, distributors, solutions providers, and unified communications providers deliver high-value business solutions that meet critical customer needs, making it easy for you to communicate face-to-face using the applications and devices you use every day.
- [Poly Services](#) help your business succeed and get the most out of your investment through the benefits of collaboration. Enhance collaboration for your employees by accessing Poly service solutions, including Support Services, Managed Services, Professional Services, and Training Services.
- [Poly Lens](#) enables better collaboration for every user in every workspace. It is designed to spotlight the health and efficiency of your spaces and devices by providing actionable insights and simplifying device management.

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- With [Poly+](#) you get exclusive premium features, insights and management tools necessary to keep employee devices up, running and ready for action.

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