



Poly Rove DECT IP Phone

Poly Rove 20, Poly Rove 30, Poly Rove 40, Poly Rove B1, Poly Rove B2, Poly Rove B4, and Poly Rove R8

This release covers the following hardware and software versions:

- Handset firmware: 8.0.6 B0002
- Base station firmware: 8.0.6 B0002
- Repeater firmware: 8.0.6 B0002

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What’s New in This Release

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

- [Support for XML App Development](#)
- [Japanese Language Support](#)

Poly frequently provides software updates with new features and recommends that you regularly update the software on your phones for the best performance and experience.

Support for XML App Development

The Poly Rove DECT IP Phone system now provides an interface to develop and execute third-party applications called IPPhoneXML apps. Typical applications might include integration with a customer database, access to corporate directories, and call queue monitoring.

Configure XML App Parameters










Configure the parameters needed to use the XML app feature on Poly Rove phones.

To configure the XML App feature:

- 1 In the system web interface, go to **Service Providers > XML App**.
- 2 Under **XML APP**, clear the check boxes in the **Default** column for the following parameters:
 - **X_XmlAppEnable**
 - **X_XmlAppServer**
 - **X_XmlAppFileName**
- 3 In the Value column, configure the following settings:

<i>Parameter</i>	<i>Description</i>
X_XmlAppEnable	Enable or disable the XML application on Rove
X_XmlAppServer	Enter the host name or IP Address of the XML application server
X_XmlAppFileName	Enter the file name of the XML application. Can append the macro \$IPEI that is the IPEI of the handset that is initiating this XML request.

- 4 For the following parameters, clear the check boxes in the **Default** column for the ones that you want to enable:
 - **X_XmlAppIconIdx**
 - **X_XmlAppAddHsIdx**
 - **X_XmlAppAddIPEI**
 - **X_XmlAppAddExt**
 - **X_XmlAppAddMAC**
 - **X_XmlAppAddPMAC**
 - **X_XmlAppAddDLMAC**
- 5 In the **Value** column, configure the following settings for the parameters that you want to use:

<i>Parameter</i>	<i>Description</i>												
X_XmlAppIconIdx	Specify the XML application icon to show on the handset menu. Choose from one of the following:												
	<table border="1"> <thead> <tr> <th>XmlAppIconIdx</th> <th>Icon</th> </tr> </thead> <tbody> <tr> <td>0</td> <td></td> </tr> <tr> <td>1</td> <td></></td> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>3</td> <td></td> </tr> <tr> <td>4 – 7</td> <td>Reserved for future use</td> </tr> </tbody> </table>	XmlAppIconIdx	Icon	0		1	</>	2		3		4 – 7	Reserved for future use
XmlAppIconIdx	Icon												
0													
1	</>												
2													
3													
4 – 7	Reserved for future use												

<i>Parameter</i>	<i>Description</i>
X_XmlAppAddHslIdx	Add the handset index to a request. Use the format: <code>IDX=</code> For example, "GET /IPPhoneTextMenu.xml?IDX=2"
X_XmlAppAddIPEI	Add the handset IPEI to a request. Use the format: <code>IPEI=</code> For example, "GET /IPPhoneTextMenu.xml?IPEI=03A8C00942"
X_XmlAppAddExt	Add the handset extension to a request. Use the format: <code>EXT=</code> For example, "GET /IPPhoneTextMenu.xml?EXT=7011"
X_XmlAppAddMAC	Add the base station MAC address to a request. Use the format: <code>MAC=</code>
X_XmlAppAddPMAC	Add the primary base station MAC address to a request. Use the format: <code>PMAC=</code>
X_XmlAppAddDLMAC	Add the primary provisioning base station MAC address to a request. Use the format: <code>DLMAC=</code>

5 Select **Submit**.

6 Reboot your system when you complete your changes.

XML Pull and Push Models

The phone starts the execution of an XML app using either a push or pull model.

Using the pull model, for example, users initiate an app by selecting a menu item programmed as an Action URL. The phone uses HTTP/HTTPS to fetch the application from the XML application server.

Using the push model, for example, the SIP server issues a SIP Notify event that contains an XML message body for the phone to execute.

Supported XML Models

Rove IPPhoneXML supports the following root elements or phone pages:

- IPPhoneTextMenu: A menu screen consisting of a title and a scrollable list of menu entries.
- IPPhoneTextScreen: A text screen consisting of a title and a text box.
- IPPhoneInputArea: A screen with multiple lines for the user's input. Only one input parameter is collected from the screen.
- IPPhoneDirectory: A directory screen with a title and a scrollable list of contacts.

Sample XML Apps

The following sections provide code examples for creating XML apps on Poly Rove phones.

IPPhoneTextMenu

The following example for the IPPhoneTextMenu app displays the **Cafeteria Menu** for the day on the phone. Users can scroll through the choices and select one: **Today's Special**, **Pasta**, or **Dessert**.

```
<IPPhoneTextMenu>
```

```

<Title>Cafeteria Menu</Title>
<MenuItem>
<Name>Today's Special</Name>
<URL>http://192.168.50.119:8080/special.xml</URL>
</MenuItem>
<MenuItem>
<Name>Pasta</Name>
<URL>http://192.168.50.119:8080/pasta.xml</URL>
</MenuItem>
<MenuItem>
<Name>Dessert</Name>
<URL>http://192.168.50.119:8080/dessert.xml</URL>
</MenuItem>
</IPPhoneTextMenu>

```

IPPhoneTextScreen

The following example for the IPPhoneTextScreen app displays a **Voice Solution** message on the Rove handset **Home** screen and asks users to sign in. When users press the **Sign in** softkey, the handset connects to the base station and loads another XML app called `Web_Credential.xml`.

```

<IPPhoneTextScreen>
<Text>Welcome to Onboarding
Press 'Sign In'</Text>
<Prompt>Voice Solution</Prompt>
<SoftKey index="1">
<Label>Sign In</Label>
<URI>http://192.168.50.119:8080/Web_Credential.xml</URI>
</SoftKey>
</IPPhoneTextScreen>

```

IPPhoneDirectory

The following example for the IPPhoneDirectory app demonstrates a typical phone book application called **phonebook**. Each name in the phone book is stored in `<Prompt>` with the phone number stored in `<Dial>`. Users can scroll through the list and select the number to call.

```

<IPPhoneDirectory>
<Title>phonebook</Title>
<MenuItem>
<Prompt>Whatever K. Xyzel</Prompt>
<Dial>4505</Dial>
</MenuItem>
<MenuItem>
<Prompt>CallD1</Prompt>
<Dial>0307</Dial>
</MenuItem>

```

```

<MenuItem>
<Prompt>Whatever W. Xyzel</Prompt>
<Dial>4504</Dial>
</MenuItem>
<MenuItem>
<Prompt>CallD01</Prompt>
<Dial>0102</Dial>
</MenuItem>
</IPPhoneDirectory>

```

IPPhoneInputScreen

The following example for the IPPhoneInputScreen app illustrates collecting user data; in this case, the phone collects users' first names. The phone displays a screen called **First_Name**, where users enter their name. The phone collects the name and sends the data to the URL.

```

<IPPhoneInputScreen>
<URL>http://192.168.50.119:8080/collect.php?myvar=__firstName__&fake
var=1</URL>
<InputField>
<Prompt>First_Name</Prompt>
<Parameter>__firstName__</Parameter>
<Default>Jeff</Default>
<InputFlags>AU</InputFlags>
</InputField>
</IPPhoneInputScreen>

```

Japanese Language Support

As part of the Poly Rove 8.0.6 release, Poly Rove handsets now support the Japanese language.

Change the Handset Display Language

Update the Poly Rove handset's display language to Japanese.

To change the display language:

- 1 Go to **Menu > Preferences > Language**.
- 2 Select **Japanese**.

Release History

This section lists the release history of Poly Rove.

Release History

Release	Release Date	Features
8.0.6	May 2023	This release addresses known issues and includes the following features: <ul style="list-style-type: none">• Support for XML App Development• Japanese Language Support
8.0.5	April 2023	This release introduces the Poly Rove 20 handset and Poly Rove B1 base station and includes the following features: <ul style="list-style-type: none">• Single-Cell Base Station• Wireless Handset and SIP Registrations• DECT Repeaters• Programmable Line Keys• Improved Battery Life• 3.5 mm Headset Port• Enhanced Call Parking
8.0.5	February 2023	This release addresses known issues and includes the following features: <ul style="list-style-type: none">• Handset Sanitized Mode• New Ringtones Added• Option to Provide Transport Attribute in lowercase• New Option to Adjust Handset Volume• New Name – PVOS-L
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: <ul style="list-style-type: none">• Configure TLS Cipher Suite• Support for ITSP SIP User Agent Name• Removed X_LineName Parameter• Added Ability to Remove Handsets and Repeaters through Provisioning• New Device Maintenance Description

<i>Release</i>	<i>Release Date</i>	<i>Features</i>
8.0.0	March 2021	<p>This release is the initial release of Poly ROVE DECT IP Phone and 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

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

<i>Category</i>	<i>Issue ID</i>	<i>Description</i>
Configuration	O-537	The maximum length of the SIP URI is increased from 49 to 70 characters.
Directories	O-607	Can't import phone book in XML format with a declaration line stating "UTF-8" in upper case.
Directories	O-634	The base station can become unresponsive and may restart after importing an XML formatted phone book.
Interoperability	O-544	Rove reboots unexpectedly due to excessive network security scanning activities.
Interoperability	O-643	Rove doesn't respond to its PRACK being challenged, causing calls to drop.
User Interface	O-217 O-591	The Poly Rove wireless handsets display UTF-8 characters incorrectly under some circumstances.
User Interface	O-520	For Poly Rove B2, with Group Calling enabled, the line ID of an incoming call is not shown at the top of the phone's display when the handset is ringing.

<i>Category</i>	<i>Issue ID</i>	<i>Description</i>
User Interface	O-648	Handset display doesn't update properly when the line assignment is changed on the system web interface. The issue was introduced in 8.0.5 and wasn't there in prior releases.
User Interface	O-649	BroadWorks *69 call return doesn't work as the pressed digits are ignored during the user interaction.

Known Issues

There are no known issues in this release.

Get Help

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

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 Documentation 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.
- With [Poly+](#) you get exclusive premium features, insights and management tools necessary to keep employee devices up, running, and ready for action.
- [Poly Lens](#) enables better collaboration for every user in every workspace. It's designed to spotlight the health and efficiency of your spaces and devices by providing actionable insights and simplifying device management.

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