

INTRODUCTION

This configuration guide explains how to configure the **Poly Rove B4** DECT IP base station to register and operate with **Your PBX Platform 6.6.1**. It covers physical installation, manual configuration, handset registration, auto provisioning, TLS, and BLF setup.

FIRMWARE 8.0.2

PBX 6.6.1

POE READY

DECT

REQUIREMENTS

Identifying the Device Model

Check the label on the **back of the device** for the exact model. Different Poly Rove models can have significantly different requirements and installation procedures — confirm you are working with a **Rove B4** before proceeding.

DECT IP Base Station Firmware

- Ensure the device is loaded with firmware version **8.0.2**.
- To verify, browse to the device's IP address (example: **http://192.168.1.22**) and log in. Factory defaults — username: **admin**, password: **admin**.
- Click the **Status** tab in the left menu, go to **System Status** — the **SoftwareVersion** field shows the firmware version.



DHCP Server

A fully configured and operational DHCP server is required on the network.

PBX Version

Your PBX Platform version **6.6.1**. To verify the version:

- Log in to the PBX web administration interface.
- Navigate to **Settings > About**.
- The **Release** value on the About page denotes the current PBX version.

INSTALLATION

This section describes how to connect the device to power and the data network, and how to restore factory settings.

Power Adapter

- Connect the DC plug on the power adapter to the DC port on the device, then plug the adapter into an electrical outlet.
- Connect an Ethernet cable between the **Internet** port on the device and a network port on your router or switch.

Power over Ethernet (PoE)

- Using a standard Ethernet cable, the device can be powered directly from a PoE-compliant router or switch — connect the cable between the device's **Internet** port and an available in-line power port.

NOTE: When using PoE, the AC adapter is not required. Verify that the Ethernet cable and the router/switch are PoE compliant.

Find the Device's IP Address

- Press the **Menu** button on a Rove handset.
- Type ***47***.
- The MAC address and corresponding IP address of the base station are displayed on the handset.

Reset to Factory Settings

Not required for brand-new devices — **mandatory** for any previously used device.

- Browse to the device IP address (example: **http://192.168.1.22**) and log in (factory defaults: **admin / admin**).
- Click the **System Management** tab, then **Device Maintenance** in the left navigation menu.
- Under the **Reset Configuration** section, click the **Reset** button and confirm with **OK**.
- Allow time for the device to reboot.

NOTE: Do not unplug or remove power from the device while it is updating firmware or configuration.

MANUAL CONFIGURATION

UAD Settings

- Browse to the PBX IP address (example: **http://192.168.1.10**) and log in with your e-mail address and password.
- Navigate to **Settings > UAD** and confirm the Poly Rove B4 UAD is enabled — click the **Edit** icon for the Poly Rove B4 device to check.
- Set **Status** = **Active**, **Auto provisioning** = **No**, **DHCP** = **Yes**, then click **Save**.

Creating an Extension

- Navigate to **Extensions** and click **Add Extension**.
- Select the Poly Rove B4 device model from the **UAD** select box.
- Select Location: **Local** (extensions registered on the LAN) or **Remote** (extensions registered from remote networks, WAN, Internet, etc.), then click **Next step**.

REQUIRED FIELDS

Name

Name for the new extension. Example: **John Smith**

E-mail

Address that receives all system notifications for this extension. Example: **john.smith@yourdomain.com**

Department

Department the extension belongs to. Example: **Sales**



REGISTERING THE DEVICE — HOSTNAME OR IP ADDRESS

Step 1 — ITSP Profile A (SIP)

- Browse to the device IP address (example: **http://192.168.1.22**) and log in (factory defaults: **admin / admin**).
- Go to **Service Providers**, click **ITSP Profile A**, then click **SIP** and set the following.

REQUIRED FIELDS

ProxyServer

Clear the default check box and enter the IP address of the registration server.

ProxyServerPort

Clear the check box and enter **5060**.

ProxyServerTransport

Clear the check box and select **UDP**.

Click **Submit** — otherwise your changes will be lost. On the Configuration Update screen, click the **Return** button to continue.

Step 2 — SP1 Service

- Go to **Voice Services** in the left navigation menu and click **SP1 Service**.

REQUIRED FIELDS

Enable

Clear the default check box and check the value to enable the service.

X_ServProvProfile

Clear the check box and select **A** to associate ITSP Profile A.

X_Handset

Clear the check box and select **1** to associate the appropriate Rove handset.

AuthUserName

Under **SIP Credentials** — clear the check box and enter the PBX extension username. Example: **700101**

AuthPassword

Clear the check box and enter the extension Secret, as received in the e-mail associated with the extension.

Example: **_%Z4M3*Ts9y7**. A password is generated automatically for each newly created extension.

Click **Submit**, then the **Reboot** button, and allow time for the device to reboot.

VERIFY: Dial ***123** to verify registration.

REGISTERING A HANDSET (ROVE 30 / ROVE 40)

NOTE: Before registration, make sure the base station is in registration mode and the handset displays **"Unregistered!"**.

Base Station Side

- Browse to the device IP address (example: **http://192.168.1.22**) and log in (factory defaults: **admin / admin**).
- Go to **DECT Wireless**, then click **Handset Summary** in the left navigation menu.
- In the **IPEI** field, enter the IPEI number of the handset you would like to register — the IPEI number can be found in the handset **INFO** section.
- Press the **Register Next** button — the handset is registered to the first available handset label.
- To register the handset specifically as **Handset 1**, check its box and click **REGISTER** instead.

Handset Side

- Press the **Menu** button on the handset.
- Go to **Settings > Connectivity > Register**.
- Select **Empty** and enter **0000** as the access code.

NOTE: The default PIN code is **0000**. If everything is done as described, the handset is registered and synchronized.

AUTO PROVISIONING

UAD Settings

- Log in to the PBX web administration interface and navigate to **Settings > UAD**.
- Confirm the Poly Rove B4 UAD is enabled, then set **Status = Active**, **Auto provisioning = Yes**, **DHCP = Yes**, and click **Save**.

Creating an Extension

- Navigate to **Extensions > Add Extension**, select the Poly Rove B4 device from the **UAD** box, choose **Local** or **Remote**, and click **Next step**.

REQUIRED FIELDS

Name

Example: **John Smith**

E-mail

Receives all system notifications. Example: **john.smith@yourdomain.com**

Auto Provisioning

Set to **Yes**.

MAC Address

Poly Rove B4 MAC address, found on the back of the device. Example: **001565FF1536**

Click **Save** when finished.

REGISTERING THE DEVICE — DHCP

- Ensure the DHCP router is configured to use **option 66** to automatically instruct devices with the auto provisioning URL. Refer to your router documentation or network administrator.
- Auto provisioning starts during the device's first boot or a user-initiated reboot — the DHCP server directs the device to the correct configuration file. Dial ***123** to verify registration.

REGISTERING THE DEVICE — TFTP, HTTP OR HTTPS

- Browse to the device IP address (e.g. **http://192.168.1.22**), enter the username and password (factory defaults: **admin / admin**), and press the **Confirm** button.
- Click the **System Management** tab, then **Auto Provisioning** in the left navigation menu, and go to the **ITSP Provisioning** section.
- Choose the server type you intend to use: **HTTP**, **HTTPS**, or **Trivial FTP**.

NOTE: HTTP is the recommended method.

HTTP / HTTPS — ConfigURL

Enter **http://** or **https://** followed by the hostname or IP address, followed by **/prov/phone\$mac.cfg**. Replace **username** and **password** with your Auto Provisioning credentials.

HTTP: **http://username:password@pbx.yourdomain.com/prov/phone\$mac.cfg**

HTTPS: **https://username:password@pbx.yourdomain.com/prov/phone\$mac.cfg,tls-profile=1**

HTTP: **http://username:password@192.168.1.10/prov/phone\$mac.cfg**

HTTPS: **https://username:password@192.168.1.10/prov/phone\$mac.cfg,tls-profile=1**

IMPORTANT: When using HTTPS, it is required to append **,tls-profile=1**.

TFTP — ConfigURL

Enter **tftp://** followed by the hostname or IP address only.

Hostname example: **tftp://pbx.yourdomain.com** · IP address example: **tftp://192.168.1.10**

- Click the **Autoprovision Now** button, then click **OK** in the pop-up window to confirm.
- Wait a few seconds for the configuration to update. Do not power off the device.

NOTE: Auto provisioning starts during the device's reboot — the device picks up its configuration file from the PBX. Dial ***123** to verify registration.

USING TLS — CERTIFICATE INSTALLATION

NOTE: If you choose HTTPS as the protocol for registering the device, a certificate must be installed on the device.

- Browse to the device IP address (e.g. **http://192.168.1.22**), enter the username and password (factory defaults: **admin / admin**), and press **Confirm**.
- Click **System Management**, then **Device Admin**.
- Go to the **Platform CA 1** section — clear the **DownloadURL** default check box and enter the URL to your certificate.
- Go to the **TLSPlatform Profile 1** section — clear the **CACertList** check box and select **Platform 1**.
- Click **Submit**, then **Reboot**, and allow time for the device to reboot. The certificate is now installed.

CONFIGURING BLF (BUSY LAMP FIELD)

- Log in to the PBX web administration interface.
- On the **Extensions** page, click the **Edit** icon for your extension.
- Click **Advanced Options** and navigate down to the **Auto Provisioning and Presence** group of settings.
- Make sure **Auto Provisioning** is set to **Yes** and **Presence** is set to **Yes**, then click **Save**.
- Click **Enhanced Services**, check **Directory / BLF List**, and click **Save** to enable the feature.
- Click the Directory / BLF List **Edit** button, enter the user extension number, check the **BLF** box, and click **Save**.

ADDITIONAL CONFIGURATION TEMPLATE

To include additional UAD configuration for the Poly Rove B4, add fields to the **User Agent General Auto Provisioning Template** in **Settings > UAD > Poly Rove B4**, or add them directly to the extension in the **UAD Auto Provisioning Template** section.