Release Notes

Enreach DECT 600

Product Version: 7.60.B0201 – Firmware Pack

Status: "*General Availability*"

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No of pages: 10
Version: 1.1
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Contents

1. Content of Product Release

1.1. Enreach Product for Swyx

Component	Filename	Version/Build
Enreach DECT BS 600 S	9431_v0760_b0201.fwu	7.60.B0201
Enreach DECT BS 600 L	8663_ v0760_ b0201.fwu	7.60.B0201
Enreach DECT HS 630	8431_ v0760_ b0200.fwu	7.60.B0200
Enreach DECT HS 650	8631_ v0760_ b0200.fwu	7.60.B0200
Enreach DECT HS 670	8633GY_ v0760_ b0200.fwu	7.60.B0200
Enreach DECT R 600	DECT4027_v0760_b0100.fwu	7.60.B0100
SwyxPhone D510	8630_ v0760_ b0200.fwu	7.60.B0200
SwyxPhone D565	8830_ v0760_ b0200.fwu	7.60.B0200

2. Document History

Version	Date	Remarks	Editor
1.0	16.05.2025	Initial creation for product release version 7.60.B0201 (v1)	Product Management
1.1	19.05.2025	Correct some typos, final version for release	Product Management

3. Product Version History

Version	Date	Remarks
7.60.B0201	19.05.2025	First release for Swyx 14.20 – Advanced DECT Integration
7.50.B0200	24.02.2025	Maintenance, prerequisite for DECT integration
7.30.B0300	02.09.2024	Emergency Call, Maintenance, improved default values
7.30.B0102	28.03.2024	Maintenance, set default value
7.20.B0101	09.11.2023	Call Notifications and Call Pickup for Swyx 13.29 and higher
7.00.B0100	20.09.2023	New security features

6.10.B01	04.05.2022	Release FW for DECT 600, including versions for SwyxPhone D510/D565

3.1. Understanding the Enreach DECT 600 Firmware Version Format

Firmware for the Enreach DECT 600 DECT system will be released always in form of a firmware package which contains the released firmware version for the base stations (Enreach DECT BS 600 S and L), for the repeater R600 and for the different handset types Enreach DECT HS6x0 and SwyxPhone D5xx.

The versioning of the firmware package is orientated on the firmware version of the base stations (here 07.60.B0201).

With the firmware version 7 a new naming convention was introduced:
- 07: Major release version
- 60: Minor release version
- B: Build/Service Release
- 02: Build/Service release number, starts always with 01, here 02
- 01: Revision of the Service Release, starts always with 00, here 01

The version numbering in brackets (here v1) indicates following versions with additional handset or repeater firmware releases (but stable base station firmware versions). As a rule of thumb this handset firmware versions are bug-fix releases and should be installed, if you have any issues with your system. From there you should read this release notes carefully to understand if the current release fixes an open issue and/or can add additional value to your system

This handset firmware versions will be tested and released by the Enreach QA against the initial base station firmware version of the related package.

4. Changes

4.1. New with Firmware Pack Version 7.60.B0201 (v1)

This firmware pack is the prerequisite and the first released firmware version which fully supports the feature "Swyx DECT Integration for Enreach DECT 600", introduced with the in parallel released Swyx 14.20.

This firmware pack supports the new Swyx DECT integration for Enreach DECT 600 with Swyx 14.20, as well as the standard installation (without Swyx DECT integration) with Swyx 14.20 and older.

The prerequisite for the function package "Swyx DECT Integration for Enreach DECT 600" is the firmware pack v.7.60.B0201 (v1) together with Swyx 14.20. The following functions are supported:

- Zero Touch Provisioning via Multicast (SwyxFlex) or Swyx Redirection Services with mTLS authentication (SwyxON)
- Provisioning of base stations and handsets with Swyx user accounts in the Swyx Control Center (SCC)
- Dynamic assignment of handsets in CTI+ mode to the appropriate base station
- Provisioning of the Swyx global directory
- Firmware management (updates and deployment) via SCC

Restriction: Repeaters must still be set up and updated in the Admin Web-UI of the Enreach DECT 600 S/L.

For the initial set-up of the Swyx DECT Integration for Enreach DECT 600 or the migration of an existing standard installation, please read the documentation carefully ([Swyx Online Manual](#)). Please note that all base stations must be updated to 7.60.B0201 before you start the integration. Following you can update the handsets via the SCC.

In addition to these new integration functions, various fixes, improvements and maintenance, this firmware package primarily addresses the following problems that have been observed in connection with the use of Swyx:

- Fixed: Under certain situation a call gets terminated after hold retrieve on handset (DECT 600L)
- Fixed: Wrong German wording on HS 630
- Fixed: Base station reboots several times with the same issue VLAN_CHANGED
- Fixed: Calling party name is truncated to 12 characters
- Fixed: Wrong URL for Swyx Redirection Services (mandatory for SwyxON)
- Fixed: Web Administration main.html does not work properly after update to latest Chrome/Edge version

Known issue:

- Standard (non integrated) installation: Orange blinking LED at the base station even when the system is set-up correctly and is working properly. This blinking LED is an artefact of the Swyx DECT integration feature.
  Workaround: Open the Enreach DECT 600 Web Administration and click in the left menue on "Management". Go to the paragraph "Configuration" and enable the parameter "Configuration Server Address Lock (DE: Konfigurationsserver Adresssperre)". Following the LED should be switch to steady green.

4.2. New with Firmware Pack Version 7.50.B0200 (v1)

This firmware pack is the prerequisite for the upcoming feature "Advanced DECT Integration for Enreach DECT 600", which will be released as part of Swyx 14.20. The features already included have no impact when used with Swyx 14.11 or older but will make the upcoming transition to Swyx 14.20 and the activation of the DECT integration feature much easier.

In addition to these preparations for the new function, various fixes, improvements and maintenance, this firmware package primarily addresses the following problems that have been observed in connection with the use of Swyx

- Fixed: Emergency calls are not possible if all channels are occupied
- Fixed: DECT 600S: Hanging up to end a call will restart the base under certain circumstances
- Fixed: Localization issue of call pickup notification text
- Fixed: Mixed line presentation on display with two calls on HS650, HS670, D510, D565
- Fixed: Wired Headset connection: No ring tone in headset for incoming call when connected to HS650, HS670 and D565

Known issue:

- Orange blinking LED at the base station even when the system is set-up correctly and is working properly. This blinking LED is an artefact of the upcoming advanced DECT integration feature, which will be introduced with Swyx 14.20.

Workaround: Open the Enreach DECT 600 Web Administration and click in the left menue on "Management". Go to the paragraph "Configuration" and enable the parameter "Configuration Server Address Lock (DE: Konfigurationsserver Adresssperre)". Following the LED should be switch to steady green.

4.3. New with Firmware Pack Version 7.30.B0300 (v1)

New feature:

- Emergency calls: If enabled and properly configured, emergency calls initiated from a DECT-extension will always be forwarded to Swyx, even if all DECT channels in the corresponding cell are occupied. In this case, one of the current calls is interrupted and the emergency call is forwarded to Swyx instead. Complies with the Swyx emergency call concept as of Swyx 13.30. (Note: Handsets **and** base stations must both be updated both to at least v7.30.B0300.)

Further improvements in an easy-to-setup strategy:

- Additional base station defaults: The Broadsoft event package is enabled by default - a prerequisite for the server-side synchronisation of call forwarding, DND and anonymous calls.
- Call notification and call pick-up can now be activated on extension level to avoid negative side effects with CTI+ pairing. If a Swyx user uses CTI+, call notification and call pick-up should be deactivated for that extension. Call pick-up can be performed on the SwyxIt! instead.
  Note: The previous system-wide option is overwritten during an update. Please configure the setting individually per handset.

Beside these new features, improvements and some generic fixes and maintenance the following issues in the context of a usage with Swyx are especially addressed within this firmware release

- Fixed: Call pick up notification text in the handset is always in Englisch
- Fixed: Error in web-UI - header is shown twice

4.4. New with Firmware Pack Version 7.30.B0102 (v1)

The focus in this new release is on maintenance and further improvements in an easy-to-setup strategy:

- Default values for base stations and extensions. During the set-up of a new system a couple of system wide parameter, which are recommended for the smooth operation of an Enreach DECT 600 system with Swyx are set automatically.

Beside these improvements and some generic fixes and maintenance the following issues in the context of a usage with Swyx are especially addressed within this firmware release

- Fixed: DND Status not shown on handsets if Feature Event Package is enabled for a user
- Fixed: Log off when cradled: Deregistration of handsets fails
- Fixed: Subscription interval ignored for Feature Event Package
- Fixed: DECT 600S: No indication on handsets in case of registration failure

Known issues:

- Call Notifications are still shown in CTI+-mode, even if the following call pickup is blocked from Swyx 13.29.

4.5. New with Firmware Pack Version 7.20.B0101 (v1)

With the Enreach DECT 600 Firmware Pack Version 7.20 Enreach added powerful new PBX functionalities to the Enreach DECT 600 system and integrate it again deeper into the Swyx UC platform.

The focus in this new release is on the further integration of the Enreach DECT 600 system into the Swyx PBX functionality:

- Swyx Call Forwardings: A user can now (de)activate and even configure their server-based standard call forwardings (immediately, busy, no answer) on the DECT 600 handset. The call forwardings are synchronized with the Swyx server settings.
- DND: A user can now also (de)activate their server-based DND status on the DECT 600 handset. The DND status on the handset is synchronized with the server settings.
- Call Notification: If a user is member of a group for which call notifications are configured, they are also now informed on their DECT 600 handset, when one of their peers receives an incoming call.
- Call Pick-up: If configured, the user can pick-up the displayed call on their DECT 600 handset

Call Notification and call pickup must be enabled in the server settings of the Enreach DECT 600 system, the synchronization of the call forwardings and the DND presence status in the extension settings.

Important note: Call notification and pickup on a DECT 600 handset only works properly if the option "Use SIP devices as system phone" (prerequisite for CTI+) is not enabled for that particular Swyx user account. Picking up a call on a handset that is configured as a system phone leads to a desynchronization between CTI-Master and handset for the active call. With Swyx 13.29, call pickup is suppressed in that specific scenario but nevertheless results in a poor user experience as the notifications are still received by the handset. Therefore, it is highly recommended to disable the call notification and pickup functionality in the Enreach DECT 600 server settings if most of the users use the CTI+ function.

Beside these improvements and some generic fixes and maintenance the following issues in the context of a usage with Swyx are especially addressed within this firmware release:

- Fixed: LDAP reverse lookup fails.
- Fixed: Log off when cradled: Handset still shows "Logged Off" text in display even out of cradle

Known issues:

- Call Notifications are still shown in CTI+-mode, even if the following call pickup is suppressed with Swyx 13.29.
- An activated DND Status is not shown on handsets if Feature Sync is enabled for an extension.
- DECT 600S: If the registration fails, this is not displayed in the end device.
- If a pickup call is put on hold, the name/number of the held call is not displayed, but the original call notification message.

4.6. New with Firmware Pack Version 7.00.B01 (v1)

The Enreach DECT 600 Firmware Pack Version 7 is a major release which covers a couple of newly introduced internal features and enhancements for the DECT 600 system.

The focus in this new release is on security and performance:

- Security: The handling of passwords is revised thoroughly, e.g., Hashed Passwords, Encrypted data, forced change password, enhanced password constraints, password history policy, limited login retries are introduced
- DECT multi-cell system: The call capacity in multi-cell systems (DECT BS 600 L) is increased to 10 parallel calls per base station (G.711)

Beside these improvements and some generic fixes and maintenance the following issues in the context of a usage with Swyx are especially addressed within this firmware release:

- Setting "Log out when cradled" makes the handset unavailable, when out of cradle again.

Known issue: After removing the phone out of the cradle, it is now available. Nevertheless, in the display the message "Logged Off" is still visible.

Important note: From version 7.00 hashed passwords are introduced. Downgrading from this version is not recommended. If necessary to downgrade from version 7.00 or higher (e.g., to connect a single base station as a replacement to an already existing SwyxDECT 500 system), the guide below should be followed. Please note that passwords will be reset to their default values after downgrading.

- Downgrade to versions 6.10.B1 - 6.10.B3 requires to first downgrade to a FW higher than or equal to version 6.10.B4 AND lower than version 7.00.
- Downgrade to versions 4.20 - 5.30 requires first to downgrade to version 5.30.B10 or higher 5.30 FW versions.

4.7. New with Firmware Pack Version 6.10.B01

The Enreach DECT 600 Firmware Compatibility Pack (6.10B01) and the included firmware packages are identical to the version of the Enreach DECT 600 S/L system as delivered.

The Firmware Compatibility Pack is only required if already existing SwyxPhone D510/565 are to be connected to a new Enreach DECT 600 system within the scope of upward compatibility.

Important note: This firmware version is not compatible with SwyxDECT 500 infrastructure components (base, repeater)!

5. Update Procedure – Important Notes

It is recommended to perform the firmware update of the DECT system in a large maintenance window or after the end of service at the weekend, as the update may take some time depending on the system size until all devices are updated. Please inform users that they place their handsets in the charging station at the end of duty.

5.1. Downgrading from 7.00 (or higher) to 6.10 (or lower)

From version 7.00 hashed passwords are introduced. Downgrading from this version is not recommended.

If necessary to downgrade from version 7.00 or higher (e.g., to connect a single base station as a replacement to an already existing SwyxDECT 500 system), the guide below should be followed.

Please note that passwords will be reset to their default values after downgrading.

- Downgrade to versions 6.10.B1 - 6.10.B3 requires to first downgrade to a FW higher than or equal to version 6.10.B4 AND lower than version 700.
- Downgrade to versions 4.20 - 5.30 requires first to downgrade to version 5.30.B10 or higher 5.30 FW versions.

5.2. Updating to 6.10.B01

In the interest of better differentiation, the paths in the firmware archive file have been changed.

Copy the decompressed firmware package including the stored paths to your update server and then enter the TFTP path in the DECT 600 administration accordingly to "\DECT600\".

This folder structure will be used also in future versions. Future firmware versions can easily be added to this folder.

Component	TFTP Path	Filename
Enreach DECT BS 600 S	\DECT600\9431\	9431_v0610_b0001.fwu
Enreach DECT BS 600 L	\DECT600\8663\	8663_v0610_b0001.fwu
Enreach DECT HS 630	\DECT600\8431\	8431_v0610_b0001.fwu
Enreach DECT HS 650	\DECT600\8631\	8631_v0610_b0001.fwu
Enreach DECT HS 670	\DECT600\8633GY \	8633GY_v0610_b0001.fwu
Enreach DECT R 600	\DECT600\DECT4027\	DECT4027_v0610_b0001.fwu
SwyxPhone D510	\DECT600\8630\	8630_v0610_b0001.fwu
SwyxPhone D565	\DECT600\8830\	8830_v0610_b0001.fwu

6. Supported Swyx Versions

Product	Supported Version
Swyx / SwyxON	Standard (non integrated) Installation: Swyx 14.x Swyx DECT Integration: Swyx 14.20

We recommend customers use the "Released Version" for the given products. The supported software versions offer tested and confirmed level of functionality. However, the devices might also operate with older or newer software version with the caveat that recently added interoperability, or advanced features may not be possible when using these versions. In cases, if a

defect is found when using other versions, it may be necessary to update to the supported version.

7. Support

The support for the Enreach DECT 600 systems is handled through the regular Enreach Support process for Swyx products.

8. Documentation

The latest manual will be available on the Enreach homepage within the next days.

https://www.enreach.de/en/products/support/documentation.html