



Release Notes

Enreach DECT 600

Product Version: 7.20.B0101 – Firmware Pack

Status: “*General Availability*”

Enreach GmbH
Emil-Figge-Str. 86
44227 Dortmund

No of pages:	7
Version:	1.0
Last Changes:	07.11.2023

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1. Content of Product Release

1.1. Enreach Product for Swyx

Component	Filename	Version/Build
Enreach DECT BS 600 S	9431_v0720_b0101.fwu	7.20.B0101
Enreach DECT BS 600 L	8663_v0720_b0101.fwu	7.20.B0101
Enreach DECT HS 630	8431_v0720_b0101.fwu	7.20.B0101
Enreach DECT HS 650	8631_v0720_b0101.fwu	7.20.B0101
Enreach DECT HS 670	8633GY_v0720_b0101.fwu	7.20.B0101
Enreach DECT R 600	DECT4027_v0650_b0001.fwu	6.50.B001
SwyxPhone D510	8630_v0720_b0101.fwu	7.20.B0101
SwyxPhone D565	8830_v0720_b0101.fwu	7.20.B0101

2. Document History

Version	Date	Remarks	Editor
1.0	07.11.2023	Initial creation for product release version 7.20.B0101 (v1)	Product Management

3. Product Version History

Version	Date	Remarks
7.20.B0101	09.11.2023	Call Notifications and Call Pickup for Swyx 13.29
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 07.20.B0101).

With the firmware version 7 a new naming convention was introduced:

- 07: Major release version
- 00: Minor release version
- B: Build/Service Release
- 01: Build/Service release number, starts always with 01
- 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 7.20.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 Pickup: 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 the majority 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.

4.2. 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 below guide 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.

4.3. 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 below guide 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 then easily add to that 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
SwyxWare / SwyxON	SwyxWare 13

This firmware version is released for the usage with Swyx 13, but nevertheless it is highly recommended to use it with Swyx 13.29 or higher, as some specific call scenarios are handled more properly with 13.29 to avoid the desync in CTI+ scenarios..

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>