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# Release Note

## G277/G577 Software Release 02.01.0004 & 5

FCO 2020.026

**System** : Business Mobility DECT  
**Date** : 30 April 2020  
**Category** : General Release  
**Product Identity** : G277/G577 Software Release v02.01B0004 & 5

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## 1 IDENTIFICATION

This Release Note gives information about software release v02.01B0004 for the G277 and v02.01B0005 for the G577 DECT handsets, which is the successor of release v00.05B0002.

This release consists of the following files:

G277_and_boot_V0201_B0004.spi.hex	G277_V0201_B0004.bin	(for the G277)
G577_and_boot_V0201_B0005.hex	G577_V0201_B0005.bin	(for the G577)

**Note:** The .bin file is used for firmware updating via the DECT Air Interface or Unified Support Tool v0035 (UST) and higher.

The .hex file is used for firmware updating via UST and UART cable.

**Note:** G277 using the Unified Support Tool – only the UART cable (com port) interface is supported. G577 models support both direct USB cable connection or charging station connection for the UST.

## 2 ASSOCIATED PRODUCTS

The DECT Handset Configurator is a tool for managing the configuration data of DECT handsets. Depending on the handset type the configuration data is stored on a memory card (SD cards) or transmitted via DECT messaging.

Manual registration and programming of handsets does not necessary require use of the DHC.

The most current release version of the DHC software is required for complete compatibility with all features and settings.

## 3 COMPATIBILITY

### 3.1 Traditional DECT

The G277/G577 is supported on the following DCC releases:

Board type	Normal Operation	Corporate Directory (CDA)	CDA during Call	Software Downloading *
DCC-4	324.04.15	≥ 324.04.15	≥ 324.04.15	≥ 324.04.15
DCC-8	600.04.15	≥ 600.04.15	≥ 600.04.15	≥ 600.04.15
DCC-8(R)	610.04.15	≥ 610.04.15	≥ 610.04.15	≥ 610.04.15

\* Only possible if there is a DCC-8(R) present in the system

### 3.2 IP DECT

The G277/G577 is supported on the following IP DECT releases:

	Normal Operation	Corporate Directory (CDA)	CDA during Call	Software Downloading
DAP Controller	≥ 6.43.1027	≥ 6.43.1027	≥ 6.43.1027	≥ 6.43.1027
AP400	≥ 920.x6.58	≥ 920.x6.58	≥ 920.x6.58	≥ 920.x6.58
AP200/AP300	≥ 910.x6.58	≥ 910.x6.58	≥ 910.x6.58	≥ 910.x6.58

**Note:** It is strongly advised to upgrade to the latest system software and DAP FW release versions of the DECT system (traditional or IP DECT).

Please refer to any associated release notes prior to performing any software upgrades.

### 3.3 SD Card conversion

The overall conversion is intended moving from x66 towards x77 handsets only as illustrated in the matrix below.

EEPROM file from/to	G266	G566	I766 FW<200	I766 FW>=200	G277	G577
.bin	Ok	Ok	Ok	Converted to .766	Converted to .277	Converted to .577
.766	Warning displayed	Warning displayed	Warning displayed	Ok	Warning displayed	Warning displayed
.277	Warning displayed	Warning displayed	Warning displayed	Warning displayed	Ok	Warning displayed
.577	Warning displayed	Warning displayed	Warning displayed	Warning displayed	Warning displayed	Ok

These are the only conversions (SD Card moves) that are supported.

### 3.4 Supported SD cards

Currently only 2, 4, 8 and 16GB SDHC cards from **Kingston** (Class 4 or Class 10) are supported by the NEC x66 and x77 handset family.

All SD cards should have FAT32 formatting (maximum supported sector size is 4096) to be recognized properly. SDXC type or otherwise formatted cards are not supported.

## 4 UPGRADE INSTRUCTIONS

### 4.1 Firmware Updating via DECT Air Interface

#### 4.1.1 IP DECT

Only valid for Business Mobility IP DECT Software Release 6.43.1027/910.x6.58 and upwards.

Gx77 handsets are not tested or fully supported on IP DECT Software Released prior to 6.43.

For more details on firmware updating via the air, see the IP DECT AdministratorGuide.

#### 4.1.2 Traditional DECT (DCC) & DAP Lite

Interface to DCC is only possible if there is a DCC-8(R) present in the system with release 610.04.15 or higher.

The Firmware Update Tool for Traditional DECT and DAP Lite (FWU Tool) is available on the Software Database. Operational details can be found in the Read Me of the FWU SW.

The current release of this tool is 2.5.4.

#### 4.1.3 G277

Only applicable for upgrading G277 handsets with firmware release 00.05B000x to a newer firmware release:

When uploading a new firmware package is finished while the handset is on the charger, the new firmware package is not automatically installed. The next time the handset is put on the charger the new firmware package is installed (Black screen, LED starts flashing rapidly). **Do not interup this upgrade process!** The upgrade process will be finished in a couple of minutes.

This issue is solved from firmware release 02.01B0004.

#### 4.1.4 G277 and G577

Only applicable for upgrading G277 and G577 handsets with firmware release 00.05B0002 to a newer firmware release:

When an OTA upgrade is started to a G277 and/or a G577 handset, it is possible that the handset will restart when it is- or become idle.

This issue is solved from firmware release 02.01B0004 (for G277) and 02.01B0005 (for G577).

## 4.2 Firmware Updating via Unified Support Tool

The Unified Support Tool (UST) is a tool for offline updating of handset firmware.

G277 handsets only support the UART cable (com port) interface for updating using UST. The UART cable and conversion cable to USB-C can be ordered via the normal NEC supply channels.

G577 handsets support direct USB cable connection and charging station connection for updating using UST.

Operational details can be found in the Help menu of the UST.

The current release of this tool is 00.35

## 5 FUNCTIONAL CHANGES

The following functional changes have been implemented:

- G577 ISIP Call reject button push (only for SV9100 from release 9.00.76)\*
- G577: ISIP Improvements: Call Log Updates\*
- SIP Improvements Call Display\*

**\*Note:** requires DAP Controller 6.6.7.1394 and associated DAP firmware. See for the ISIP Enhancements also the IP DECT AP400 R6.6 release overview document.

## 6 KNOWN PROBLEMS

- Under specific circumstances the G577 handset can restart.  
In case the messages storage is full, the option "Overwrite old" is set to off, handset is recently restarted and a message with normal priority is received, the handset can restart when is clicked on one of the keys (OK, answer key or another key).  
To bypass the issue, the "Overwrite old" option must be set to on.

## 7 SOLVED PROBLEMS

### 7.1 List of Solved Problems

The following externally reported problems are solved with this upgrade:

Reference	External Reference	Related Handset
ITE-70417		G577
ITE-71228		G577
ITE-72336		G577
ITE-72737		G577
ITE-73300		G577
ITE-73546		G577
ITE-73752		G577

The following internally reported problems are solved with this upgrade:

Reference	External Reference	Related Handset
#243994		G277
#245950		G577
#271814		G577
#301560		G277/G577

## 7.2 Description of Solved Problems

ITE-70417 The font size is so small  
ITE-71228 G577 Emergency call settings not converted from i766  
ITE-72336 Very low volume level of the tone with or without speaker in iSIP  
ITE-72737 Microphone Problem on G577  
ITE-73300 brandnew g577 with microphone problem  
ITE-73546 Microphone sensitivity problem  
ITE-73752 G577 microphone too quiet

The following internally reported problems are solved with this upgrade:

### Reference:

#243994 G277 in charger doesn't automatic load new package  
#245950 G577 in silent mode, not possible to answer call with headset (dis)connect button  
#271814 G577 Can't create an EEPROM dump OTA when "Dump" folder already exists.  
#301560 G277/G577 restarts when OTA upgrade is started

## 8 MATERIALS

### 8.1 Physical Distribution

### 8.2 On-line Information

The Release Note (FCO) and applicable software can be downloaded from the software database on BusinessNet.

BusinessNet URL : <http://businessnet.nec-enterprise.com>