

Unified communications solution for SMB

## iPECS GDC-400H/450H

## SYSTEM INTERGRATED DECT SOLUTIONS

LG-ERICSSON PROVIDES PERFECT BUSINESS DECT SOLUTION FOR SMALL AND MEDIUM SIZED BUSINESS WITH FULLY INTEGRATED SYSTEM FEATURES AND COST EFFECTIVE SOLUTION OFFERINGS



### Fully integrated business DECT solution

Unlike standalone or residential DECT solution, LG-Ericsson has integrated business DECT solution with its industry leading SMB PBX solution such as ipLDK and iPECS series. The integration makes feature implementation easier and simpler. Floor managers do not need to run for a fixed terminal for voice paging. With no string attached, users can receive and send voice paging over the DECT handset. Not to mention, typical PBX features such as Call transfer(Screened, Unscreened, Executive/Secretary), Call back, Hold, MWI, Fall forward, Camp on etc., seamless call connection is secured over the multiple cell coverage.

### Cost effective multi cell solution

Business DECT solution shouldn't cost too much especially for small and medium sized business. Long time R&D experience of LG-Ericsson has developed the DECT solution architecture best affordable for SMB. Since, commonly used resources and complicated features sets are already implemented in ipLDK and iPECS, users can simply choose the scale of DECT solution only by attaching optimally designed DECT components. PBX built in DECT interface gateway for multi cell interface, simultaneous multi channel handling base station and full featured system DECT terminal are configurable from 1 cell up to 32\* cells without causing significant initial investment or any hidden cost.

*\*Depend on system capacity*

### Easier and simpler management

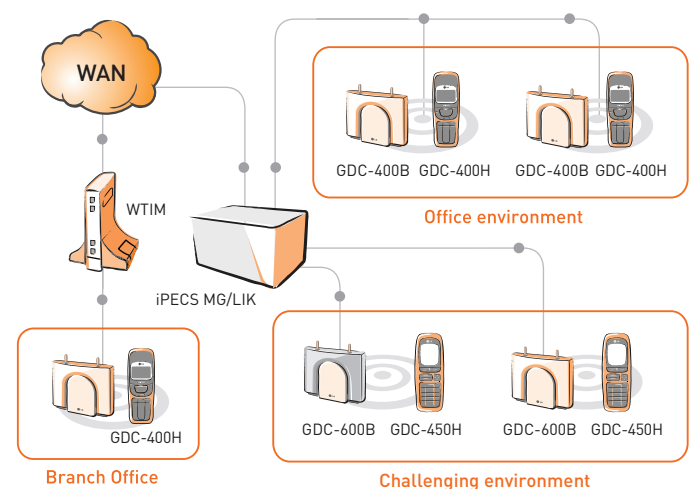
Consistent management system also helps reducing manager's workload. Managers only need to access single admin user interface for adding, changing DECT related features just as they manage the system. To make the cell planning easier, managers can utilize GDC-400TB(Site survey tool) to find out best location for base station. In addition, managers can measure real time radio strength, current channel and base station number with GDC-400H/450H.

If iPECS NMS is installed, managers can monitor real time status of DECT handset as well as wireless gateway. DECT related statistics are also provided for maintenance purpose.

### Flexible deployment scenario

LG-Ericsson provides choice of DECT deployment scenario for wide range of business variety. Users have choice of handset for most common office environment or challenging environment. GDC-400H provides cost effective but still fully system integrated DECT features for most of business users. If the job environment expects prompt damage and scratch on handy device, GDC-450H should fit perfectly with ruggedized housing, tempered window shield and glove friendly large key pad. Depend on the number of cells required for cell planning, managers can have choice of base station. GDC-400B provides 4 simultaneous voice channels while GDC-600B does 6.

If iPECS family is installed rather than ipLDK, deployment scenario can be even more flexible. By employing IP DECT architecture, the business can expand the cell coverage without having physical limitation. Plug IP/DECT gateway to the network, same all base station and handset brings integrated system DECT features right away. Now, the business can run seamless DECT solution over headquarters, branch office, factory no matter they are isolated.





- User friendly interface
  - Easy to use navigation key
  - Context sensitive softkeys
  - 1.5" full color LCD
- Multi language support
  - English, Italian, Russian, Spanish, Swedish
- 9 differential ring tone(external/internal)
- Vibrator & Ring melody
- Backlit LCD and keypad
- Standby 120hrs / Talking 15 hrs
- 2.5mm ear mike jack
- Snap in belt clip(Optional)

**GDC-400H**



- Robust design for challenging environment
  - Ruggedized housing
  - Tempered window shield
  - Glove friendly large key pad
- User friendly interface
  - Easy to use navigation key
  - Context sensitive softkeys
  - 1.5" full color LCD
- Multi language support
  - English, Italian, Russian, Spanish, Swedish
- 9 differential ring tone(external/internal)
- Vibrator & Ring melody
- Backlit LCD and keypad
- Standby 150hrs / Talking 15 hrs
- 2.5mm ear mike jack
- Snap in belt clip

**GDC-450H**

## Major specifications

		GDC-400H	GDC-450H
Handset	Frequency	1.88 ~ 1.9 GHz	
	Talk/Standby time	15hrs/120hrs	15hrs/150hrs
	Radio RF power	Max. 250mW/Avg .10mW	
	Range (indoor/outdoor)	20~100m/ 200m	
	LCD	1.5" 65K Color STN	1.5" 65K TFT
	Battery	2.4V, 920mAH Ni-MH (x2)	3.7V, 950mAH Li-Ion
	Codec	32Kbps ADPCM	
	Antenna	Inner Antenna	Inner PIFA Antenna
	System	ipLDK/IPECS-LIK/MG	
AC/DC Adaptor	Input/Output	AC 230V 50/60Hz	AC 100~240V, 50/60Hz
		DC5V/12V, 1.5A/0.2A	DC5.1V0.7A
Tray	Display	charging status LED	
	Connector	DC Plug	5pin Micro-USB connector

## GDC-400B, GDC-600B

	GDC-400B	GDC-600B
Model	GDC-400B	GDC-600B
Simultaneous Call	4	6
Power consumption(30V)	77.7mA	52.8mA
Cell Coverage (Out door)	200m	270m
Max. Cable Length	600m	900m

## System Capacity

System	DECT GW	# of Cells Per GW	Max # of GW per system	Max # of GW per system
ipLDK20	WTIB/WDIB	4	1	1
ipLDK60	WDIB4	4	1	1
ipLDK100	WTIBE	8	2	2
ipLDK300	WTIBE	8	3	3
iPECS LIK	WTIM4/8	4/8	32	32
iPECS MG	WTIB	8	3	3

## Dimensions

	Height(mm)	Width(mm)	Description
GDC-400H	133	44	133
GDC-450H	142.5	52.5	142.5
GDC-400B	176	220	176
GDC-600B	176	220	176