

# User Friendly DECT Solution for Enhanced Mobility, iPECS GDC-450H/500H

iPECS GDC-450H/500H is a perfect business DECT phone for small and medium sized business with fully integrated system features and cost effective solution.

## Fully integrated business DECT solution

Unlike standalone or residential DECT solution, Ericsson-LG has integrated business DECT solution with its industry leading SMB PBX solutions. 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 should not cost too much especially for small and medium sized business. Utilizing years of R&D experience, Ericsson-LG has developed the DECT solution architecture best affordable for SMB. Since commonly used resources and complicated feature sets are already implemented in systems, 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

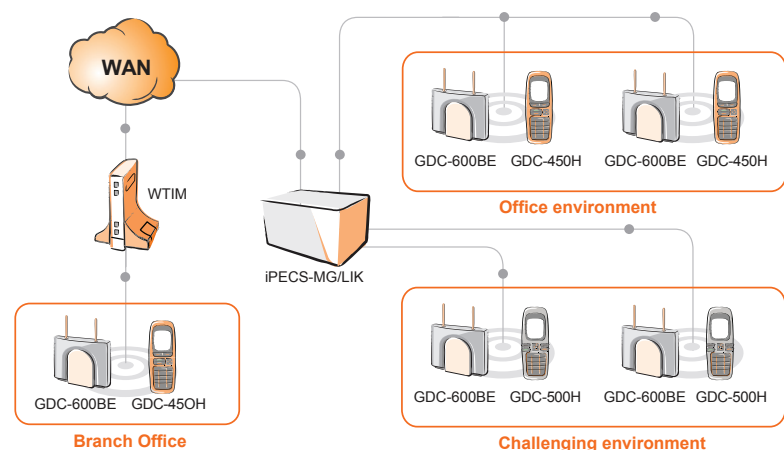
## Easier and simpler management

Consistent management system also helps reducing manager's workload. Managers only need to access a single admin user interface for adding and changing DECT related features just as they manage the system. To make cell planning easier, managers can utilize GDC-600TB(Site survey tool) to find the best location for base station. In addition, managers can measure real time radio strength, current channel and base station number with GDC-450H/500H. With iPECS NMS 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

Ericsson-LG provides a choice of DECT deployment scenarios for a wide range of businesses. Users have choice of handset

for most common office environment or challenging environment. GDC series provides cost effective but still fully system integrated DECT features for most business users. If the job environment demands a tougher handset, GDC-450H/500H should fit perfectly with ruggedized housing, tempered window shield and glove friendly large key pad. Depending on the number of cells required for cell planning, managers can have choice of base station. GDC-600BE provides 6 simultaneous voice channels. By employing IP DECT architecture, the business can expand the cell coverage without having a physical limitation. Simply plug an IP/DECT gateway to the network as well as the base stations, and the handset will bring integrated system DECT features right away. Now, the business can run seamless DECT solution over headquarters, branch office, and factory wherever they are located.



# Specifications

Category	GDC-450H	GDC-500H
Design		
	Color	Black
	LCD	1.5" 65K Full Color TFT (128x128 dot pixel)
	Frequency	1.88 ~ 1.9 GHz
	Radio RF power	Max. 250mW/ Avg .10mW
	Range (indoor/outdoor)	20~50m/ 200m
	Antenna	Inner PIFA Antenna
	Codec	32Kbps ADPCM
	DECT standard	EMC : EN301 489-1 /-6(DECT) RF : EN301 406 (DECT) Safety : IEC 60950-1 + A1:2009 (EN60950-1:2006+A1:2010 or A12:2011)
Handset	Interface	2.5mm ear mic Jack
	Bluetooth	No
	Speakerphone	No
	Button	2 soft keys, 5 ways navigation
	Illuminated Keypad	Yes
	Languages	5 languages (English, Italian, Spanish, Swedish, Russian )
	Compatible System	ipLDK/iPECS-LIK/MG/SBG-1000
	Base Station	GDC-400B/600B/600BE
	Talk/Standby/ Charging Time	15hrs/150hrs/ 6hr
	Battery	3.7V, 950mAh Li-ion
Ring Type	9 ring tones for internal and external	
AC /DC Adaptor	Input/Output	AC 100~240V, 50/60Hz 0.2A input DC5.1V 700mA 3.57VA output
	Display	charging status LED
Charger	Connector	5pin Micro-USB connector
	Operating temperature	0°C~40°C

## Dimension & Weight

Model		Height(mm)	Width(mm)	Depth(mm)	Weight(Net,g)
GDC-450H	Handset	142.5	52.5	20.5	100
	Charger	65	80	80	70
GDC-500H	Handset	157.7	52.6	19	136(include battery)
	Charger	65	80	80	70
GDC-600BE		237	220	63	390

## System Capacity

Model	DECT G/W	No. of Cells per GW	Max. No. of GW per System
ipLDK-20	WTIB/WDIB	4	1
ipLDK-60	WDIB4	4	1
ipLDK-100	WTIBE	8	2
ipLDK-300	WTIBE	8	3
iPECS-LIK	WTIM4/8	4/8	32
iPECS-MG	WTIB	8	3

## Base Station



- Model : GDC-600BE
- Simultaneous Call : 6
- Power consumption(30V) : 52.8mA
- Cell Coverage (Outdoor) : 270m
- Max. Cable Length : 900m

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