

LG quality products. A lesson in success.



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LG GDK - For the small & home office environment





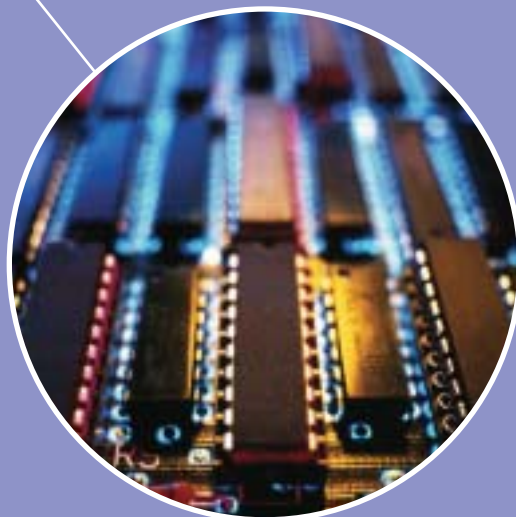
The LG GDK portfolio of Small Office Home Office telecommunications products has been designed specifically for small and start-up companies requiring the professional look and feel of a larger organisation. Analogue, digital and ISDN solutions provide a choice of flexible and reliable options that will grow at the same pace as your company without the need for any costly upgrades.

For the Small Office/Home Office (SOHO)

GDK 16A

The GDK 16A is a fully configured digital system supporting up to 6 analogue lines and 14 extensions. The system is intended for analogue line connections, but can support some up to 4 ISDN channels.

Specifically designed for the small office or home, this easy to use, yet highly featured solution, is seen as the perfect communications tool for an analogue environment.



"We are very impressed with our new LG GDK 16A system, our staff are finding the system extremely easy to use. The features we find particularly useful are the Digital Voice Card which allows us to project a professional image for after hours callers, who are given the opportunity to leave messages specific to our personnel, and also the ability for staff to see who is dialling in, which allows us to provide a more personalised service."

Ian Thornton, Football In The Community - Norwich City Football Club

the GDK 16A & 16E Systems



"LG Electronics Inc. was founded 1st October 1958"



The GDK 16A and 16E are both equipped with a high level of functionality, providing you with the vast selection of SOHO features available. These features include: CLI Name Display, available on ISDN calls using a display phone. Custom Call Routing for DDI / DISA, relieving your receptionist during busy periods. Hunt Group Overflow, routing calls if they are not answered within a specified time.

The GDK SOHO range is renowned for providing vast, easy to use features at a competitive and affordable price.

Please see the full list of features at the end of this brochure.

GDK 16E

The GDK 16E is designed as a digital solution for the smaller enterprise, providing users with a 20 port system using the new DSIB card (4 Digital ports and 4 SLT ports)

The GDK 16E also has ISDN capabilities, opening up the world of fast and efficient Internet connection. The GDK 16E is designed to support ISDN features such as simultaneous data, voice, fax, text or video calls as standard.

Items	GDK 16A	GDK 16E
Max Total Channels/Lines	6	6
ISDN 2 Channels	4	6
Analogue Lines	6	4
Max Total Extensions	12 (+2 by 2B Modules)	20 (+2 SBUS Extns)
Digital Keysets	10 (+2 by 2B Modules)	10
Analogue Telephones	10 (+2 by 2B Modules)	10
Please note that not all maximum capacities can be achieved simultaneously.		
<small>(Please note that not all maximum capacities can be achieved simultaneously)</small>		

All the features you'll ever need...

The main GDK SOHO product features:

- DDI - Using MSN (Multi-Subscriber Number), each extension in your organisation can be given it's own direct dial number allowing regular callers to go straight through to the desired party without increasing the load on the switchboard.
- Off-Net Call Forwarding allows calls to be automatically forwarded to an outside number if the called party is not on site.
- Least Cost Routing and Automatic Route Selection make the system extremely flexible and allow you to route calls via a maximum of 100 carriers, based on a flexible time and number dialled routing table, enabling you to keep control of costs.
- Conference Call Facility allows for add-on or multi-line conference calls, either supervised or unsupervised.

- You have the ability to Page within a zone, or throughout the entire system and allow the person paged to pick up anywhere for a private conversation.
- Data Line Security protects the integrity of data being transmitted.
- DVIB (Digital Voice Interface Board) can be individually tailored to give you flexibility to route your calls to suit exacting business requirements. The basic recording time of 68 minutes can be increased by a further 70 minutes with the DVEU (Digital Voice Expansion Unit). The recording time can be used for a variety of applications: System greetings, CCR (Custom Call Routing) or comfort messages, system prompts, station user greetings and incoming messages for station users. This ensures calls never go unanswered.
- Remote Administration allows any programming or

maintenance changes to be made instantly whilst off site.

- Automatic Fax Transfer will transfer fax calls to a designated analogue line. The system automatically answers the call and listens for a fax tone. Once the fax tone is detected the system will ring to programmed extensions.
- Background music from internal or external sources can be played over the key telephone speaker while the extension is idle.
- Call Detail Recording logs details of all incoming and outgoing calls.
- Idle Line Selection allows extensions to be programmed to perform specific functions as soon as they go off hook or at specific times.
- A Wake Up Alarm can be programmed to provide an audible and visual signal at a desired time.
- The GDK SOHO range enjoy vastly improved Internet access with ISDN.

LKD Handsets - more than just a telephone...

LKD Handsets

The GDK range is available with a wide variety of ergonomic, highly featured and easy to use LG handsets. Fast and efficient call handling lies at the heart of

successful business communications, and the LKD range of Digital Key Telephones gives you the necessary speed, efficiency and features to build a competitive advantage. LKD is more than just a telephone - it's an advanced communications tool.



LG LKD Handsets

LG LKD Digital Handset Specifications			
	LKD 2	LKD 8	LKD 30
System Features			
Display	N	Y	Y
Call duration display	N	Y	Y
Intercom caller ID	N	Y	Y
ISDN caller ID	N	Y	Y
View number dialled	N	Y	Y
Paging	Y	Y	Y
On-hook dialling	Y	Y	Y
Hands free	N	Y	Y
Hold button	Y	Y	Y
Call transfer	Y	Y	Y
Voice over	Y	Y	Y
Redial button	Y	Y	Y
Last number redial	Y	Y	Y
Save dialled number	Y	Y	Y
Executive/Secretary Pair	Y	Y	Y
Conference	P	P	Y
Call wait (Camp on)	Y	Y	Y
Callback	P	P	Y
Message waiting	Y	Y	Y
Call forward	Y	Y	Y
Do not disturb	P	P	Y
Dial by name	N	Y	Y
Ring volume control	Y	Y	Y
Speaker volume control	Y	Y	Y
Programmable button	2	8	30

Please refer to the LKD Handsets brochure for more details.

GDK Features 1.		
	GDK 16A Software version 4.0	GDK 16E Software version 4.0
System Features		
Alarm	Y	Y
Alternative Route Selection (ARS)	Y	Y
Automatic Fax Transfer	Y	Y
Automatic Privacy	Y	Y
Auto Call Number Redial (ACNR)	N	Y
Auto Delete of DVIB Messages	Y	Y
Auto Release	Y	Y
Battery Back Up System	Y	Y
Call Back	Y	Y
Call Barring	Y	Y
Call Forward / Transfer	Y	Y
- Unconditional	Y	Y
- Busy	Y	Y
- No Answer	Y	Y
- Busy/No Answer	Y	Y
- Station Off Net	Y	Y
Call Pick UP	Y	Y
- Group	Y	Y
Call Waiting/Camp On	Y	Y
- Digital Key Telephones	Y	Y
- SLT's	Y	Y
CCR (Custom Call Routing) for DID or DISA	Y	Y
Class Of Service (COS)	Y	Y
CLI Message Wait (ISDN)	N	Y
CLI Name Display	Y	Y
CO Line Queuing	Y	Y
Conference (3 party)	Y	Y
Data Line Security	Y	Y
Day/Night Mode Change - Automatic	Y	Y
Delayed Auto Attendant on DISA	Y	Y
Differential Ring (Digital Key Telephones)	Y	Y
Digital Key Telephones (Not 30 button large display or DSS)	Y	Y
Digital VM Integration	Y	Y
Digital Voice Interface (DVIB)	Y	Y
- DVIB 68 Minutes	Y	Y
- DVEU 70 Minutes	Y	Y
Direct Call Pick-Up	Y	Y
Direct Dialling In (DDI)	Y	Y
Direct Inward System Access (DISA)	Y	Y
Do Not Disturb	Y	Y
Door Relay	Y	Y
DVIB Management	Y	Y
DVU Announcement with Ring Tone	Y	Y
Exclusive Hold	Y	Y
External Paging	Y	Y

GDK Features 2.		
	GDK 16A Software version 4.0	GDK 16E Software version 4.0
System Features		
Flexible Line Assignment	Y	Y
Headset Working Compatible	Y	Y
Hunt Groups	Y	Y
- Ringing	Y	Y
- Circular	Y	Y
- Terminal	Y	Y
- UCD	Y	Y
Hunt Group Overflow	Y	Y
Idle Line Selection	Y	Y
Intercom Box	Y	Y
Intercom Answer Mode	Y	Y
- Hands Free	Y	Y
- Private	Y	Y
- Tone Ringing	Y	Y
Last Number Redial	Y	Y
Least Cost Routing (LCR)	Y	Y
Leave DVIB Message	Y	Y
Loud Bell Control	Y	Y
Memory Protection	Y	Y
Message Waiting (Digital Key Telephones)	Y	Y
Multi Subscriber Numbering (MSN)	Y	Y
Music On Hold	Y	Y
Paging	Y	Y
- Internal Zone	Y	Y
- Meet Me	Y	Y
- All Call	Y	Y
- Paging Access Restriction	Y	Y
Recording Conversations	Y	Y
Remote Administration	Y	Y
RS232 Port	Y	Y
SLT Message Waiting Announcement	Y	Y
SMDR Records (Save)	Y	Y
Speaker Headset Selection Button	Y	Y
Speed Dial	Y	Y
- System (79)	Y	Y
- Personal (20)	Y	Y
SO-Bus ISDN 2 Extensions	Y	Y
Station Message Detail Recording (SMDR)	Y	Y
Wake Up Call	Y	Y
Winter / Summer Time Settings	Y	Y
Universal Night Answer	Y	Y
Cabinet Dimensions & Weight		
Height	346mm	346mm
Width	246mm	246mm
Depth	90mm	90mm
Weight	2.2kg	2.2kg