

↘ LIP-8000 SERIES

Pure IP Communications

To exploit the advantages of IP telephony to its fullest, you need the right terminal. LG-Nortel offers the broadest array of IP terminals ranging from a basic entry level IP phone (LIP-8004D) which lets you enjoy the benefits of IP telephony in its simplest form to the sophisticated needs of executives and global communicators with the state of the art IP8024D.

The 8000 series improves the quality over cost equation, driving personal productivity, improving customer service and increasing revenue opportunities for your business. Our IP phones make moving easier as your business expands and users need to move around the workspace. Simply connect the phone to your Network and the LIP-8000 Series intelligent integrated automated provisioning routines take over and you are now set to place a call. Moves, adds and changes are no longer a costly obstacle.

By combining the 8000 Series phones with the very best in pure IP telephony platforms - the IPECS, you can harness the power of truly distributed, integrated Networks. Your business critical applications and databases can be linked with your communications platform and your homeworkers and branch offices are no longer 'remote' sites. You can harness the power of this Network for audio & video conferencing, application sharing and Voice Mail to your email.

WEB BASED MANAGEMENT

With context sensitive soft keys, control of complex communications features and functions is at your fingertips (available on all LIP-8000 models). Easy to setup menus make calling easier and more convenient while shortening the installation time. The web-based remote administration (with enhanced security and password control) allows for the automated provisioning and maintenance - simplifying the installation.

PC CONTROL AND SOFTPHONE

The 8000 Series can be controlled, by using a PC software application, directly from your computer desktop - significantly increasing your productivity. You can also link your 8000 series phone with your mobile phone or PDA using the mobile extension feature or the LG-Nortel softphone (Phontage). Never juggle numbers again, and always ensure that your valued customers can reach you.

Our phones let you enjoy all of the benefits of VoIP telephony packed with a wide range of innovative features.

↘ Why IP telephony?

The IP Telephony market is rapidly growing as more companies recognise the benefits of using IP telephony in their enterprise infrastructures: a single network for voice, data and video.

IP delivers significant cost savings and integrates new applications increasing employee collaboration. As the work force becomes more mobile: moving between desks, conference rooms, offices and even

countries, enterprises are rapidly benefiting by adopting IP technology. Most SMB's and enterprises are now looking for ways to cut costs, and one way they hope to do that is by incorporating IP telephony into their IP-based communications networks.

VoIP technology is therefore an irresistible trend in the communications world simply making communication better while being easy and cost-effective to deploy.



> IMPROVED PRODUCTIVITY

> ACCESS TO NEW APPLICATIONS AND SERVICES

> COMPELLING COST BENEFITS

LIP-8000 Series

| MODEL NAME | LIP-8004D | LIP-8012D | LIP-8024D | LIP-12DSS | LIP-12LSS | LIP-48DSS |
|--|------------------------|------------------------|------------------------|----------------------|-------------------------|----------------------|
| INTERFACE | | | | | | |
| KEYPAD | | | | | | |
| - SOFTKEYS | NO | 3 | 3 | NO | NO | NO |
| - NAVIGATION KEY | NO | YES | YES | NO | NO | NO |
| - PROGRAMMABLE KEYS | 4 | 12 | 24 | 12 | 12 | 48 |
| HEADSET SUPPORT | NO | YES | YES | N/A | N/A | N/A |
| COMMS INTERFACES | YES (1) | YES (3) | YES (3) | YES (1) | YES (1) | YES (1) |
| - LAN | YES (1) | YES (2) | YES (2) | N/A | N/A | N/A |
| - BLUETOOTH | NO | NO | YES | N/A | N/A | N/A |
| - DIRECT DSS CONNECTION PORT | NO | YES | YES | YES | YES | YES |
| POWER OVER ETHERNET | YES (CLASS 2) | YES (CLASS 2) | YES (CLASS 2) | N/A | N/A | N/A |
| LOCAL POWER ADAPTOR | YES | YES | YES | N/A | N/A | YES (48V) |
| INDICATORS | | | | | | |
| - MESSAGE WAITING LAMP | YES | YES | YES | YES | YES | YES |
| - CALL ALERT | YES | YES | YES | YES | YES | YES |
| - HEADSET USE | N/A | YES | YES | YES | YES | YES |
| DISPLAY | | | | | | |
| LCD SIZE | 1 LINE 16 CHARACTER | 3 LINE 24 CHARACTER | 4 LINE 24 CHARACTER | N/A | 12 LINE 12 CHARACTER | N/A |
| LCD TYPE | CHARACTER | CHARACTER | CHARACTER | N/A | CHARACTER | N/A |
| LCD BACKLIGHT | NO | YES | YES | N/A | YES | N/A |
| LCD LANGUAGE | ENGLISH, OTHERS | ENGLISH, OTHERS | ENGLISH, OTHERS | N/A | ENGLISH, OTHERS | N/A |
| FEATURES | | | | | | |
| REDIAL / CALL WAITING | YES | YES | YES | N/A | N/A | N/A |
| HOLD / CALL PICKUP | YES | YES | YES | N/A | N/A | N/A |
| MUTE / TRANSFER / FORWARD | YES | YES | YES | N/A | N/A | N/A |
| WEB BASED MANAGEMENT | YES | YES | YES | N/A | N/A | N/A |
| KEYSET MANAGEMENT | YES | YES | YES | N/A | N/A | N/A |
| WALL MOUNT | YES | YES | YES | YES | YES | YES |
| 2 WAY TILT BASE | NO | YES | YES | YES | YES | YES |
| PHONEBOOK | NO | YES | YES | N/A | N/A | N/A |
| LAST NUMBER REDIAL | YES | YES | YES | N/A | N/A | N/A |
| MULTI-LINE | YES | YES | YES | N/A | N/A | N/A |
| SPEAKERPHONE | ON-HOOK DIALLING ONLY | YES | YES | N/A | N/A | N/A |
| DIRECT MAIL ACCESS | BY KEY CODE | YES | YES | YES | YES | YES |
| DIRECT MESSAGE ACCESS | BY KEY CODE | YES | YES | YES | YES | YES |
| DIRECT CONFERENCE ACCESS | BY KEY CODE | YES | YES | YES | YES | YES |
| HEARING AID COMPATIBLE | YES | YES | YES | N/A | N/A | N/A |
| CALL LOG | NO | YES | YES | N/A | N/A | N/A |
| CALLER ID | NO | YES | YES | N/A | N/A | N/A |
| MANAGEMENT / PHONE ARCHITECTURE | | | | | | |
| DSS CONSOLE SUPPORT | NO | YES | YES | YES | YES | YES |
| MAX. DSS CONNECTIONS | N/A | MAX. 4 | MAX. 4 | MAX. 3 | MAX. 3 | MAX. 4 |
| SUPPORTED CODECS | 4 | 5 | 5 | N/A | N/A | N/A |
| - G711 μ /A | YES | YES | YES | N/A | N/A | N/A |
| - G723.1A | YES | YES | YES | N/A | N/A | N/A |
| - G729AB WITH ANNEX B | YES | YES | YES | N/A | N/A | N/A |
| IP TELEPHONY | | | | | | |
| PROTOCOL | LG-NORTEL IPECS | LG-NORTEL IPECS | LG-NORTEL IPECS | LG-NORTEL IPECS | LG-NORTEL IPECS | LG-NORTEL IPECS |
| NAT TRAVERSAL | YES | YES | YES | N/A | N/A | N/A |
| QOS | YES | YES | YES | N/A | N/A | N/A |
| ECHO CANCELLATION | YES | YES | YES | N/A | N/A | N/A |
| ETHERNET INTERFACE | 1 PORT (10/100) | 2 PORT (10/100) | 2 PORT (10/100) | NO | NO | NO |
| WIDEBAND AUDIO (G722 CODEC) | NO | YES | YES | N/A | N/A | N/A |
| STATIC / DYNAMIC IP ADDRESS | DYNAMIC | STATIC & DYNAMIC | STATIC & DYNAMIC | DYNAMIC | DYNAMIC | DYNAMIC |
| SECURITY | YES (IPECS PROTOCOL) | YES (IPECS PROTOCOL) | YES (IPECS PROTOCOL) | YES (IPECS PROTOCOL) | YES (IPECS PROTOCOL) | YES (IPECS PROTOCOL) |



LIP-8004D



LIP-8012D



LIP-8024D



LIP-12DSS



LIP-12LSS



LIP-48DSS

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