

Gigabit Phone Quick Guide

LIP-8012E/8024E/8040E

Please read this manual carefully before operating your set.
Retain it for future reference.

Important Safety information

To prevent the risk of harm to the user or damage to equipment, please read this information before installing or repairing the phone.

1. Only trained and qualified service personnel should install, replace or service the phone.
2. Don't spill liquid (ex. Water) on the phone. In case of spill, contact your service technician for assistance to avoid fire or electric shock.
3. If you see smoke or smell something burning, unplug the power cord and the phone line. Call your service technician for assistance.
4. Don't use the phone during a thunderstorm. Lightning strike may result in a fire, severe electrical or acoustic shock.
5. Don't tug the power cord or the phone line. This may result in a fire, an electric shock or equipment damage.
6. Ensure that children do not pull on phone cords. This may injure children or result in equipment damage.
7. The ear-piece houses a magnetic device which may attract pins or small metal objects. Keep handset clear of such objects and check before use.
8. Avoid placing the phone in an area that is dusty, damp or subject to vibration.
9. Choose a site that is dry and well ventilated.
10. Don't put the heavy things on the phone.
11. Do not drop or throw the phone.
12. Static electricity discharge will damage electronic components.
13. Keep out of direct sunlight and away from heat.
14. Clean the phone with a soft, dry cloth only. Do not use volatile liquids such as petrol, alcohol or acetone as this may cause a fire or result in discoloration or damage to plastics. Do not clean with wax or silicon products as these may enter the equipment and cause operation to become unreliable.
15. No user serviceable parts inside. Do not inset a screw driver or any metal objects into the phone. This may cause electric shock or damage the equipment and will render the warranty void.

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Regulatory information

European Union Declarations of Conformity

LG-Ericsson Co., Ltd, declare that the equipment specified in this document bearing the “ CE” mark conforms to the European Union Radio and Telecommunications Terminal Equipment Directive(R&TTE 1999/5/EC), including the Electromagnetic Compatibility Directive(2004/108/EC) and Low Voltage Directive(2006/95/EC).

Copies of these Declarations of Conformity (DoCs) can be obtained by contacting your local sales representative.

FCC/IC Interference Statement : USA / CSA

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 /RSS-GEN of the FCC/IC rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The use of this device in a system operating either partially or completely outdoors may require the user to obtain a license for the system according to the Canadian regulations.

CAUTION : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

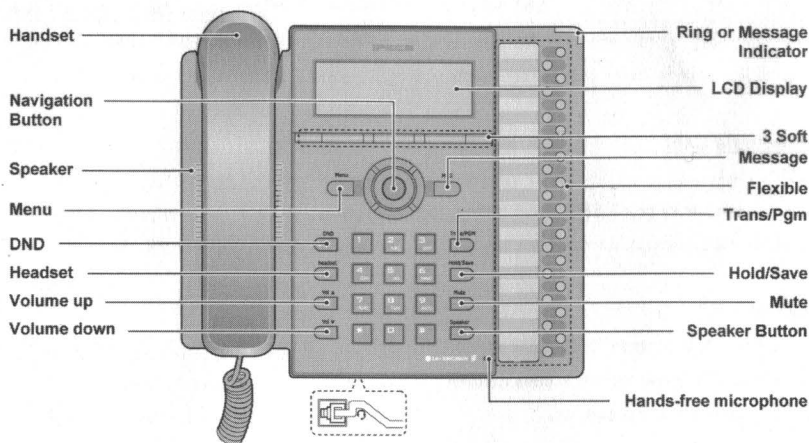


Figure LIP-8024E

*The Button names and layout may be a bit different among LIP-8012E/24E/40E. For more detailed information, refer to the User guide each model.

Fixed Feature Button Definitions

DND – Blocks all incoming calls; red LED illuminates.

Headset – Toggle to activate; red LED illuminates.

Vol ▲ ▼ – Adjusts volume for ringing, headset, and speaker phone; adjusts LCD brightness (in idle state).

Trans/PGM – Initiates call transfer, or enters programming mode.

Hold/Save – Places active call on hold or saves programming information.

Mute – Toggle outgoing audio; red LED illuminates.

Speaker – Toggle to activate; red LED illuminates.

Menu – Used to move to desired option for programming.

MSG – When illuminated indicates message waiting; used to access Voice Mail server.

3 Soft Buttons – Used with fixed and flexible features; use changes in relation to LCD display.

Flexible – Some are system pre-programmed for line appearance, and some are user programmable.

Ring/MSG Indicator – Illuminates when ringing, or message waiting.

LCD Display – Phone interface for status, dialing directories, and text message information.

Hands-free Microphone – Used for hands-free speaker phone function.

Navigation button – Used to select and/or execute items in Soft menu or Station settings (when pressing **MENU** button).

LIP Keypad User Operation

The following is provided as quick reference for commonly used features/functions. Complete instructions are included in the User Guide.

Placing a Call:**ICM Line –**

- Lift handset or press **SPEAKER** button.
- Dial the extension number from the keypad.

CO Line –

- Lift handset or press **SPEAKER** button.
- Press CO/IP line, or dial access number.
- Dial desired phone number.

Using Camp-On (Call-Wait):

- When calling a busy Station, press *.
- Wait for party to answer.

(iPECS-CM/MG)

- Call a busy Station.
- Press **TRANS/PGM** button and dial Camp-On Register Code.

To retry a busy external number until answered:

- When placing an outgoing call to a busy party, use the Navigation button to display the next **MENU**, and press the **ACNR** Soft button.
- Hang-up handset; the call will be retried until the call is connected or the feature is cancelled.

Delete ACNR:

- Press the **STOP** Soft button.

Answering a Call while idle:**ICM Line –**

- Lift handset, or if in HF mode, just speak.

CO Line –

- Lift handset, and press flashing Flex button (as needed).
- MUTE - (toggle) press to STOP sound on a call.
- VOL ▲ ▼ – press to adjust sound on a call.

Answering a Call while busy:

- Press the **Hold/Save** button.
- Press the flashing CO button.

Using Do Not Disturb (DND):

- Press the **DND** button (toggles ON and OFF).

Pickup a Call to another Station:

- Lift handset.
- Dial Directed Call Pick-up Code.
- Dial the intercom number of the ringing station.

Pickup a Call from another Station in your Group:

- Lift the handset.
- Dial Group Call Pickup code.

Conference:

- Place a call to first member.
- If first member answer, press Conf soft button and place a call to second member.
- If last member answer, press Conf soft button, twice.

*** For conference more than 4 members in iPECS-LIK System, MCIM board is needed.**

(iPECS-CM/MG)

- Place a call to first member.
- If first member answer, press Conference flexible button and place a call to second member.

*** For conference more than 4 members, VPCM board is needed.**

*** For conference members, VOIB(VOIU) board is always needed in iPECS-MG.**

Call Hold:

- Press the **HOLD/SAVE** button while on a call or conference.
- Press the flashing CO button or Loop button to rejoin call, or Conf. Soft button to rejoin Conf.

Call Forward:

- Lift handset or press **SPEAKER** button.
- Press **FWD** soft button.
- Dial the type of forward code (0-5, SBG:0-4).
1=Unconditional, 2=Busy, 3=No Answer, 4=Busy/No Answer, 5=Incoming CO Offnet (Attendant only), 0=remote
- For Forward code 1-4, dial destination number.
- For Forward code 5, press CO/CO-Group button, and dial Speed number.
- For Forward code 0, dial password of forwarded station and enter the Forward code (1-4).
1=Unconditional, 2=Busy, 3=No Answer, 4=Busy/No Answer.
- Dial the destination number.

(iPECS-CM/MG)

- Lift handset.
- Press **FWD** soft button and dial the type of forward code (0-4).
1=Unconditional, 2=Busy, 3=No Answer, 4=Busy/No Answer, 0=Remote
- For Forward code 1-4, dial destination number.
- For Forward code 0, dial forwarded station number, password and *.
- Dial the destination number.

Delete Call Forward:

- Lift handset or press **SPEAKER** button.
- Press the **FWD** soft button.
- Dial #.

Call Transfer:

- While on an active call, press the **TRANS/PGM** button.
- Place call to the transfer destination.
- Remain on the line to announce the call and/or hang-up to complete the transfer.

Using Call Log:

- Press **LOG** soft button to access Call History.
- Press Navigation ▲ ▼ button to select a listing.
- Press Send to place a call to that party.

Save Caller information to Directory:

- Press **LOG** soft button to access Call History.
- Press Navigation ▲ ▼ button to select a listing.
- Press Select Soft button, and Save Soft button to add that party's information to the directory.

Change Phone Profile:

- Press **MENU** button.
- Dial 4 (or 2 for iPECS-CM/MG) , and enter password.
- Dial # (toggles between Profile #1 and #2).

Adjust LCD Contrast:

- While idle, press the VOL ▲ ▼ buttons to change the screen contrast (brightness level).

(iPECS-CM/MG)

- Press **MENU** button.
- Dial 12. (Set Contrast)
- Press the VOL ▲ ▼ buttons to change the screen contrast.
- Press the **OK** Soft button.

Change LCD Font:

- Press **MENU** button.
- Dial 18 (Dual Font Code).
- Press the Navigation ▲ ▼ buttons to select.
- Press the **OK** Soft button.



(iPECS- CM/MG)

- Press **MENU** button.
- Dial 11 (Set Font Type).
- Press 0(NEW ROMAN) or 1(GOTHIC)
- Press the **OK** Soft button.

LIP-8012E/24E/40E Installation

Note: LIP-8012E/24E/40E Gigabit Phone can be powered by either AC adaptor or Power over Ethernet (PoE, class 2). To use AC power, use only the LG-Ericsson Approved AC power adaptor, which you can order separately. To use PoE, your connected LAN must support PoE.

<Important> Use either PoE or AC adaptor, not both, for power supply of your phone.

1. Plug one end of the supplied LAN cable into the LAN Ethernet port on the back of your Gigabit Phone marked with the  symbol.
2. Plug the other end of the cable into your LAN Ethernet connection. (Do not extend the LAN Ethernet cable to the outside of the building.)
3. (Optional) If you are connecting your PC Ethernet through the Gigabit Phone, plug one end of the LAN Ethernet cable into the PC Ethernet port on the back of your Gigabit Phone marked with the  symbol.

<Important> Skip the following procedures from 5 to 6 if PoE is used for power supply of your phone.

4. (Optional) Plug the other end of the cable into your LAN Ethernet connection.
5. (Optional) Connect the AC power adapter (not supplied) to the AC adapter jack on the back of your Gigabit Phone. Fasten the cord with a hook to prevent it from being disconnected.
6. (Optional) Plug the AC power adapter into the nearest AC power outlet. The phone will start up.
7. (Optional) for the wall-mounting, sleeve of the CAT5 cable should be moved backward to prevent it protrude.

Gigabit Phone Menu Program Codes

Code	Function	
	IPECS-LIK	IPECS-CM/MG
11	Station Name Program	Set Font type
12	ICM Ring	Set Contrast
13	CO Ring	
14	Password Program	
15	Language Program	
16	STA Ring Download	
17	Back Light	
18	Font Program	
21	Create Conference Room	
22	Delete Conference Room	

Code	Function	
31	Send Message	
32	Inbox	
4	Network Configuration	
0	Attendant	
2		Network Configuration

Flex Button Program

- Press the **TRANS/PGM** button.
- Press the flexible button to be programmed.
- Press **TRANS/PGM** button and User Program Code (refer to table).
- Press the **HOLD/SAVE** button.

(iPECS-CM/MG)

- Press the **TRANS/PGM** button.
- Press the flexible button and program type (1: Fixed button, 2: Number).
- Enter Number Plan Code, or
- Enter Program Mode code and User Program Code
- Press the **HOLD/SAVE** button.

System User Program Codes (iPECS-LIK)

Code	Function	Remark
10	Enblock Mode Dialing	
11	Intercom Ring	Select Ring Tone 1-8
12	CO/IP Ring	Select Ring Tone 1-8
13	Intercom Answer Mode	Select ICM Signal mode, 1:HF, 2:Tone; 3:Privacy
14	Call Coverage Attribute Setting	1:ON/OFF, 2:Ring Delay (0-9)
15	Station Ring Download	Ring Tone 5-8
21	Knock Down STA COS	SLT
22	Restore Station COS	Requires Auth Code
23	Walking COS	Require Auth Code
30	VM Mobile Notify	

Code	Function	Remark
31	Station Wait Retrieve	
32	CLI/IP Message Wait Retrieve	
33	Authorization Code (Password) Entry	Input up to 12 digits
34	DID Call Wait Button	
35	Message Wait in Exec/Sec Pair	
36	Send SMS Message	
37	Register Mobile Ext.	
38	Activate Mobile Ext.	
39	Register Mobile Ext. CLI	
41	Set Wake Up Time	Input time, 24-hr clock
42	Erase Wake-Up Time	
51	Custom/Pre-defined Message Display	Select Message 00-20
52	Register Custom Message (Message 00)	Input up to 24 characters
53	Create Conf. Room	
54	Delete Conf. Room	
55	Monitor Conf-Group	
61	Headset/Speakerphone	
62	Headset Ring Mode	1:Speakerphone, 2:Headset, 3:Both
71	LCD Display Mode	
72	Version Display	
73	Background Music	
74	Station Name Reg.	Input up to 12 characters
75	Display Phone IP Address	
76	Change Phone IP Address	
77	Display Phone MAC IP Address	
78	Change Mode	
79	Display Phone Version	
80	RECORD Button	Requires VSF/External SMDI VM
84	Account Code Button	
85	LOOP Button	
86	ATD Intrusion Button	
87	ICM Button	
88	Camp-On Button	
89	Keypad Facility Button	
91	CONF Button	
94	FLASH Button	
95	MUTE Button	

Code	Function	Remark
96	MONITOR Button	
97	REDIAL Button	
98	FWD Button	
99	PTT Button	
9*	In-Room Indication Button	Requires room number(01~10)
*0	Hot Desk LOGin Code	
**	Hot Desk LOGout Code	
*7	Force FWD to Dest.	
*8	Register Bluetooth	
*9	Bluetooth Usage	

System User Program Codes (iPECS-CM/MG)

Code	Function	Remark
11	Answer Mode(H/T/P)	Select ICM Signal mode, 1:HF, 2:Tone, 3:Privacy
12	Station Name Program	Input up to 12 characters
13	Set Wake Up	iPECS-CM: Index(1-5) + Type(1~5, 1:Once, 2:Daily, 3:Mon~Fri, 4:Mon~Sat, 5:Date), + HHMM(24-hour clock) + YYMMDD(If type is Date) iPECS-MG: HHMM(24-hour clock), # (repeat mode: once, repeat)
14	Reset Wake Up	iPECS-CM: Index(1-5) iPECS-MG: 1:ON/OFF, 2:Ring Delay (0-9)
15	Language Program	00 - 17
16	LCD Date Mode Change	DD/MM/YY or MM/DD/YY
17	LCD Time Mode Change	12 Hour/24 Hour
18	Set Back Light	0 - 2
21	ICM Ring Type Program	
22	CO Ring Type Program	
23	Ring Download	5 - 8 + 0 - 9
24	Set BGM	Not Supported
31	Temporary COS Mode	Auth. Code required

Code	Function	Remark
32	Retrieve COS	Auth. Code required
33	Walking COS	Auth. Code required
34	Register Password	Auth. Code required
35	Call Log Protect	Auth. Code required
36	SMS Message Protect	Auth. Code required
41	Preselected MSG PGM	0-9, MSG / *: User Custom # Deactivation
42	Set User Message	
43	Send SMS MESSAGE	
44	Received SMS MESSAGE	
51	Mobile-Ext. Enable	1 - 5
52	Mobile-Ext. Number PGM	1 - 5
53	Mobile-Ext. CLI PGM	1 - 5
54	Create Conference Room	
55	Delete Conference Room	
61	Speaker/Headset PGM	Speaker/Headset
62	Headset Ring Program	Speaker/Headset/Both
63	Register Bluetooth	
71	Register Station ICLID	
72	View Station ICLID	
81	View IP Address	
82	View Mac Address	
83	View Keyset Version	
80	Network Setting	
91	MPB Version Display	Not used in CM
92	View IP Address	Not used in CM

System User Program Codes (SBG)

Code	Function	Remark
11	Intercom Answer Mode	Select ICM Signal mode, 1:HF, 2:Tone, 3:Privacy
12	Headset/Speakerphone mode	0:H, 1:S
13	Select Headset Ring type	1:S, 2:H, 3:Both
21	Set Wake-Up Time	Once/Permanent & Hour/Min
22	Erase Wake-Up Time	
31	LCD Display Language	Domestic/English
32	Sys version display	
33	Select BGM source	(0~1)
34	Station Name registration	Station Name
35	Display Phone IP Address	
36	Display Phone MAC Address	
37	Display Phone Version	
38	Network Configuration	
41	Forced Forward to Destination	Station Group Number
42	Call Log Display	
43	CLIR Service	
44	COLR Service	
4*	LOOP button	Button PGM only
50	CALLBACK button	Button PGM only
51	CONF button	Button PGM only
52	MUTE button	Button PGM only
53	ICM button	Button PGM only
54	REDIAL button	Button PGM only

