

**User Guide** 

iPECS is an Ericcson-LG Brand





## **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.

This means danger. It means that the Warning action could cause bodily injury or death. • After reading this manual, please store it near the phone so others may easily refer to it. Misuse may cause personal injury or Caution equipment damage. **Warning** 

Only trained and qualified service personnel should install, replace or service the phone.



If you see smoke or smell something burning, unplug the power cord and the phone line. Call your service technician for assistance.



Do not tug the power cord or the phone line. This may result in a fire, an electric shock or equipment damage.

\* The above picture may different from actual products.



Do not spill liquid (ex., water) on the phone. In case of spill, contact your service technician for assistance to avoid fire or electric shock.



Do not use the phone during a thunderstorm. Lightning strike may result in a fire, severe electrical or acoustic shock.

## **Important Safety Information**



\* The above picture may different from actual products.

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#### LDP-9000 Series, Model LDP-9030D

LDP-9030D are advanced, user-friendly digital keysets, offering the convenience of 3 soft buttons and a LCD with white backlight.

- Features
- Trendy and Stylish LDP Family design
- Multi Level 3 Line LCD (3 x 24)
- 30 Flexible buttons with dual-color LED's
- Call Log Feature
- Full-duplex Hands-Free Solution and optional Blue- Tooth Module.
- basically Wall Mountable

#### LDP-9030D



#### Handset -**RING Indication** iPECS LCD -**3 Soft Button Flexible Button** Page Button Speaker -Trans/PGM Button 2 ABC 3DEF **Dial Buttons** -- Speed Button (Digits/Characters) 5 лкт 4 сн 6 MNO - DND Button 7PORS 9wxyz 8<sup>TUV</sup> **Call Back Button** \* 0 # Mute Button **Hold/Save Button** 0 4 - Speaker Button Vol A Button - Hands-free Microphone

#### Input / Output Devices and Buttons

1	Handset	Used for handset call.	
2	Speaker	Outputs tones and voice.	
3	3 Soft Buttons	Used in conjunction with fixed and flexible features, and the function changes in relation to call progress, as indicated on the LCD display.	
4	Page Button	Used to change more additional functions on the LCD display .	
5	Trans/PGM Button	This button is used to initiate a call transfer (TRS) or to enter programming mode (PGM).	
6	Speed Button	Used to access speed dialing, speed programming, save number redial, and last number redial.	
7	DND Button	The DND (Do Not Disturb) feature blocks all incoming calls.When DND is active, the red LED in this button is illuminated.	
8	Call Back Button	A station can initiate a call back request to a busy station. Once that station becomes idle, the initiating station is signaled.	
9	Mute Button	Toggle outgoing audio; red LED illuminates.	
10	Volume Button	The volume button adjusts the audio levels for ringing, handset and speakerphone functions.	
11	LCD Display	Displays information about telephone status, dialing directories, and test message information.	
12	Visual Ringing LED	Illuminates when the phone is ringing.	
13	Speaker Button	Speaker toggles the speakerphone state, and the red LED is illuminated when the speakerphone is active.	
14	Hold/Save Button	This button is used to put a call on hold or save information when programming.	
15	Flexible Button (Loop Button)	Some flexible buttons are pre-programmed in the system for line appearances, loop functions etc. The remaining flexible buttons can be user-programmed.	
16	Hands-free Microphone	Microphone is used for hands-free speakerphone function.	

#### **Cable Connection**



#### **Cable connections**

- A Connect the telephone cord (curly cord) to the handset and the other end to the handset jack at the bottom of the telephone.
- **B** Connect the line cable to the port at the bottom of telephone and the other end to the wall socket.
- **C** Connect the Ear Mic. to the jack at the bottom of the telephone.

#### 1. Placing a Call



#### 2. Answering an Outside Call



## 3 Soft Buttons & Page Button

#### **3 Soft Button**

The 3 Soft Buttons are located on the bottom of the LCD display. The function of each button changes, subject to call status and progress. The current functions are displayed on the LCD screen, directly above each button. For example, if the user calls a busy extension, busy tone will be heard and the busy status displayed. The LCD screen will display the busy message along with the different options available - "Call Back", "Flash", "Call Wait", "Camp On" and "Pilot Hunt". By pressing the relevant button the desired feature is activated.



#### **Page Button**

In some instances, more than 3 current functions are available to the user, and this is indicated by the appearance of a left ( $\leftarrow$ ) or right ( $\rightarrow$ ) arrow in the LCD screen, (see below).

By pressing the page key (located at left and right side of 3 soft button), in the direction corresponding to the arrow, any additional functions will be displayed.



Notice : the text displayed on LCD may be different according to connecting to System.

By pressing one of the 3 soft buttons you are able to select the indicated function. For instance, if you want to select call pickup (as shown below), press the first button on the left. If there are more than three functions available at any point, an arrow will be displayed on the LCD display. Use the navigation key to move the next or previous screen to display additional functions.

#### 1. Idle

3 Soft Buttons are located below the LCD display.

STATION 100 (T)         12 OCT 09       12:00 pm         LOG       DIR       REDIAL →	LOG: press to check call log informationDIR: press to use Directory Service. (Station/System Speed)REDIAL: press to redial last number called.
STATION 100 (T)         12 OCT 09       12:00 pm         ← PICKUP       FWD       DND	<ul> <li>PICKUP : press to pickup a call ringing within the same pickup group.</li> <li>FWD : Press the [FWD] button to forward calls to another station, Voicemail etc.</li> <li>DND : press the [DND] to set Do Not Disturb.</li> </ul>

#### 1.1 Pickup

A station can pickup a call ringing to an unattended station within the same pickup group by using the pickup procedure.

\* Refer to iPECS-MG system programming manual.

STATION 100 (T)           12 OCT 09         12:00 pm           ← PICKUP         FWD         DND	Press [PICKUP] button.
CALL TO STA 104 PICKED UP CALLER 101 12:00 pm TRANS CONF MUTE →	Talk

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#### **1.2 Conference**



#### 1.3 Redial

The last number dialed on an external call is automatically saved in the **LAST Number& Redial (LNR)** buffer Or Call Log Buffer.



	STA	ATION	100	(T)
12 OCT 09				12:00 pm
LOG DIF		DIR		$REDIAL \rightarrow$

 STATION 100 (T)

 12 OCT 09
 12:00 pm

 ← PICKUP
 FWD

LOG : press to check call log information DIR : press to use Directory Service. (Station/System Speed) REDIAL : press to redial last number called.

**PICKUP** : press to pickup a call ringing within the same pickup group.

**FWD** : Press the [FWD] button to forward calls to another station, Voicemail etc.

DND : press the [DND] to set Do Not Disturb.

#### 3. Intercom Dialing



LOG : press to check call log information FLASH : If you wish to terminate an ICM call and make another call, press [FLASH] to re-seize dial tone.

4. Intercom Ring Back			
CALL TO 100 12 OCT 09 12:00 pm MSG FLASH	<ul> <li>MSG : Press to leave a your station number or message.</li> <li>FLASH : Press to disconnect the line and re-seize.</li> </ul>		
5. Intercom Busy			
BUSY : 100 12 OCT 09 12:00 pm C-BACK FLASH ->	<ul> <li>C-BACK : Press to leave your station number or message.</li> <li>FLASH : Press to disconnect the line and re-seize.</li> </ul>		
BUSY : 100 12 OCT 09 12:00 pm ←C-WAIT CAMPON P-HUNT	<ul> <li>C-WAIT : Press to make call waiting.</li> <li>CAMPON : Press to send a camp-on tone to a busy station (indicating that they have a call waiting).</li> <li>P-HUNT : Press to make Pilot hunt group call</li> </ul>		
6. Intercom Do Not Disturb			
DO NOT DISTURB 101           12 OCT 09         12:00 pm           MSG         FLASH→	<b>MSG</b> : Press leave a call back request or message. <b>FLASH</b> : Press to disconnect the line and re-seize.		
DO NOT DISTURB 101 12 OCT 09 12:00 pm ← P-HUNT	<b>P-HUNT</b> : Press to make Pilot hunt group call		
7. Intercom Dialing Error			
INVALID 12 OCT 09 12:00 pm <b>FLASH</b>	FLASH : Press to disconnect the line and re-seize.		
8. Intercom Receiving			

CALL FRO	M 104
12 OCT 09	12:00 pm
HOLD	DND

**HOLD** : Press to make a HOLD call **DND** : Press to make DND

#### 9. Intercom Talk

CONNECT TO 104 12 OCT 09 12:00 pm TRANS CONF MUTE→	<ul> <li>TRANS : Press to transfer an incoming call to another station.</li> <li>CONF : Press to initiate a conference call.</li> <li>MUTE : Press to mute the handset, speakerphone, or headset microphone. Press the [SPEAK] button to re- activate microphone.</li> </ul>
CONNECT TO 104 12 OCT 09 12:00 pm ←ACNR FLASH PRIVACY	<ul> <li>ACNR : Press to set automatic called number redial.</li> <li>FLASH : Press to disconnect the line and re-seize.</li> <li>PRIVACY : Press to use privacy mode.</li> </ul>

#### 10. CO Dialing

The following CO access codes '9', individual CO access code can be changed by Admin Programming 114 depending on the user's needs.

#### **10.1 Manual Dialing**

LINE 08 12:00 pm FLASH→	Press programmed flexible button for CO. (CO can be accessed by dialing CO access code 9 or individual CO access code) Dial telephone number
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#### **10.2 Speed Dialing**



12. CO Ta	lk		
123456789 LINE 08 <b>TRANS</b>	CONF	00:00:03 MUTE→	<ul> <li>TRANS : Press to transfer a call to another station.</li> <li>CONF : Press to initiate a conference call.</li> <li>MUTE : Press to mute the handset, speakerphone, or headset microphone. Press the [SPEAK] button to re- activate microphone.</li> </ul>
123456789 LINE 08 ←ACNR	FLASH	00:00:03 PRIVACY	<b>ACNR</b> : Press to set automatic called number redial. <b>FLASH</b> : Press to disconnect the line and re-seize. <b>PRIVACY</b> : Press to use privacy mode

#### 13. Paging

You may receive announcements from other stations and/or external speakers. Stations are assigned to one or more of the **Internal Page Zones**. The system has one **External Page Zones** that are connected to external speakers.

PAGE FROM STA 103 12 OCT 09 12:00 pm MEET ME **MEET ME** : Press to answer a paging request.

#### 14. Call Forward

ENTER FORWARD TYPE ( 0 - 4 , # ) Press [ SPEAKER ] button. Press [ DND/FWD ] button. Enter forward type.

- 0 : Remote Forward
- 1 : Unconditional Forward
- 2 : Busy Forward
- 3 : No Answer Forward
- 4 : Busy/No Answer Forward
- #: Cancel Forward

Enter Forward destination

STA : station number,

HUNT : Hunt group,

VMIB : VMIB Access code

Telephone Number : Telephone number with CO Access code

#### **15. FLEXIBLE BUTTON PROGRAM**

- Press the [TRANS/PGM] button
- Press the flexible button to be programmed
- Enter the desired feature code below table.
- Press the [HOLD/SAVE] button to save.
- \*) The following Numbering Plan code can be changed by Admin Programming PGM 113~115 depending on the user's needs.

EMPTY	
NUM (1) / FIX(2) / DEL(0)	

NUM (1) : STA : station number, HUNT : Hunt group. CO Number Feature code. Telephone Number : Telephone number with CO Access code

**FIX (2)** : Fixed button (REDIAL/CONFERENCE/MUTE/FLASH/PTT)

**DEL(0)** : Delete Flexible button

#### **16. PARK A CALL AND RETRIEVE A PARKED CALL**

A call can be parked in a parking location and the call will be retrieved by dialing the location number. (The call can be picked up by other extension.)

• To park a call,

Press the **[TRANS/PGM]** button and **Call Park Location Code (541)** and dial the Park Location(00-49).

• To retrieve a parked call at any station, Press **Call Park Location Code** (541) Dial the Park Location (00-49).

#### **17. NAME DISPLAY ON MY PHONE**

Name can be displayed instead of station number.

- Press the [TRANS/PGM] button
- Dial "1 2"
- Enter your name. For example to enter the name "JOHN"
- Press the [HOLD/SAVE] button

#### **18. CALL BACK**

When a called station is in busy, call back can be requested.

BUSY : 100	
12 OCT 09	12:00 pm
C-BACK	FLASH →

#### 19. CAMP ON

When a called station is in busy, camp-on can be requested.



#### 20. VOICE OVER



To answer the second(call waiting) call, press flashing [HOLD/SAVE] button.

CONNECT	TO 101	09.51
TRANS	CONF	MUTE→

Whenever [HOLD/SAVE] button is pressed, call will be switched between first and second call.

## Call Log

The call log feature enables the LDP phone user to view a log of the last(100) incoming and outgoing calls. The user can scroll through the list of numbers stored, select the number and activate a redial to that number.

Call Log Button PGM : Call Log Feature code (685)

Press the [Call Log] button.

← : Incoming Call
→ : Outgoing Call
M : Missed Call



01 → 9123456789 02 M 9987654321	
← DEL_SEL	DEL_ALL

**DEL\_SEL** : Press to delete the selected call log list. **DEL\_ALL** : Press to delete all call log list







#### NOTE

HANDSFREE	You will hear three bursts of tone and an announcement. Reply hands-free or lift handset for privacy. The calling party can hear any conversation in progress.
TONE	You will hear repeated bursts of intercom ring tone and the HOLD button slow flashes. Lift the handset or press the SPEAKER button to answer.
PRIVATE	You will hear three bursts of tone and one-way announcement. The calling party cannot hear any conversation in progress

#### **1.2 STATION NAME PROGRAM**



#### **1.3 SET WAKEUP**



#### **1.4 RESET WAKEUP**



#### **1.5 LANGUAGE PROGRAM**

5> LANGUAGE PROGRAM 6 LCD DATE MODE CHANGE BACK OK EXIT

Press [OK] or [Hold/Save] button.

FOR LANGUAGE, DIAL 00-14 ENGLISH (00) BACK OK EXIT Select language Press [OK] or [Hold/Save] button.

#### **1.6 LCD DATE MODE CHANGE**



#### **1.7 LCD DATE MODE CHANGE**



#### **1.8 SET BACK LIGHT**

7 LCD TIME MODE CHANGE 8 >SET BACK LIGHT BACK OK EXIT Press [OK] or [Hold/Save] button.

SET BACK LIGHT (1) ENTER(0-4), TO CHOOSE BACK OK EXIT Select language

Press [OK] or [Hold/Save] button.

#### 2. RING / BGM



#### 2.1 ICM RING TYPE PROGRAM

OK



EXIT

23

BACK



#### 2.3 SET BGM



#### 3. COS / PASSWORD



#### **3.1 TEMPORAL COS MODE**



\* Password should be registered.

#### **3.2 RESTORE COS**



\* Password should be registered.

#### **3.3 WALKING COS**





\* Password should be registered.

## 3.5 CALL LOG PROTECT



※ Password should be registered.

### 3.6 SMS MESSAGE PROTECT

\* LDP-9030D does not support SMS feature.

#### **4. MULTI MESSAGE**



Press [Volume] button.

#### 4.1 PRESELECTED MSG PGM



\* Preselected Message 0~9, \*: User Custom Message, # Message Deactivated

#### **4.2 SET USER MESSAGE**







#### **5.1 MOBILE-EXT. ENABLE**





BACK

OK

F

EXIT



\_\_\_\_\_



#### 5.7 DELETE CONFERENCE ROOM



#### 6. HEADSET/BLUETOOTH



#### 6.1 SPEAKER/HEADSET PGM



\* If BTU module is installed, you can see and select BTU(2) instead of E-MIC(2).

#### 6.2 HEADSET RING MODE



BACK

#### **6.3 REGISTER BLUETOOTH**

3 > REGISTER BLUETOOTH BACK OK EXIT 1 > PAIRING 2 UNPAIRING BACK OK EXIT Select 1 for Pairing, 2 for Unpairing, 3 for Paired Information

EXIT

3>	PAIRE	D INFORMAT	ION
BA	CK	OK	EXIT

OK

\* BTU module should be installed.

#### 7. STATION ICLID



#### 7.1 REGISTER STATION ICLD





1 REGISTER STATION ICLID 2> VIEW STATION ICLID BACK OK EXIT Press [OK] or [Hold/Save] button.



ICLID : 1234567 ROUTE : 101

BACK

Select the list. Press [SELECT] or [Hold/Save] button.

Press [DELETE] button to delete LIST.

#### 7.3 OUTCALL NOTI ENABLE

DELETE

EXIT



Press [OK] or [Hold/Save] button.

OUTCALL NOTI ENABLE (0) OFF(0) ON(1) BACK SELECT EXIT Select 0(OFF) or 1(ON) to use the feature. Press [SELECT] or [Hold/Save] button.



#### **8. KEYSET INFORMATION**

\* LDP 9030 does not support this feature.

#### 9. SYSTEM INFORMATION





# User Program CodesPress the [TRANS/PGM] button

- Enter the desired feature code below table

CODE	FUNCTION	CODE	FUNCTION	
11	Answer mode (H/T/P)	56	Create Conference Room	
12	Station Name Program	57	Delete Conference Room	
13	Set Wake Up	61	Speaker/Headset PGM	
14	Reset Wake Up	62	Headset Ring Program	
15	Language Program	71	Register Station ICLID	
16	LCD Date Mode Change	72	View Station ICLID	
17	LCD Time Mode Change	73	Outcall Notification Enable	
18	Set Back Light	74	Outcall Notification Attempts	
21	ICM Ring Type Program	75	Outcall Notification Interval	
22	CO Ring Type Program	76	Outcall Notification Number	
23	Set BGM	81	View IP Address	
31	Temporary COS Mode	82	View Mac Address	
32	Retrieve COS	83	View Keyset Version	
33	Walking COS	91	MPB Version Display	
34	Register Password	92	View IP Address	
35	Call Log Protect			
36	SMS Message Protect			
41	Preselected MSG PGM			
42	Set User Message			
51	Mobile-Ext. Enable			
52	Mobile-Ext. Number PGM			
53	Mobile-Ext. CLI PGM			
54	Mobile Service By CLI			
55	Mobile-Ext. Service CLI			

## **Entering characters**



## Glossary of Terms

1	ICM	Intercom – describes internal calls within the telephone system
2	CO Line	Central Office Line – also known as a trunk line, exchange line or outside line
3	Speed Dial	A commonly used number stored in a speed bin for easy access
4	DND	Do Not Disturb – the station is blocked to all incoming calls
5	FWD	Forward – calls can be sent to another location such a voicemail or another station
6	DDI or DID	Direct Dial Inwards or Direct Inwards Dialing – ISDN lines can be provided with multiple telephone numbers which are each routed to individual stations or Hunt Groups
7	DKTU	Digital Key Telephone Unit – an Ericsson-LG digital telephone
8	SLT	Single Line Telephone – an analogue telephone
9	ISDN	Integrated <b>S</b> ervices <b>D</b> igital <b>N</b> etwork. Digital CO lines that come in multiples of 2 channels or more
10	VMIB	Voice Message Interface Board – an Ericsson-LG integral Voice Processing card
11	CONF	Conference – where you can talk to 2 or more internal or external parties