

IP Phone Quick Guide

LIP-8002E/8002AE

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.

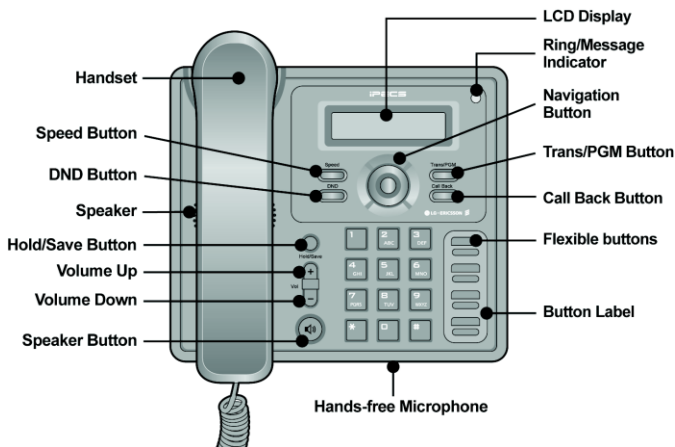
The use of this device in a system operating either partially or completely outdoors may require the user to obtain a license for the system according to the Canadian regulations.

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.

LIP-8002E/8002AE

The LG-Ericsson IP phone (LIP-8002E/8002AE) is Internet Protocol (IP) phones designed to support hosted telephony services over a managed IP network.

The LIP-8002E/8002AE Phone has fixed feature buttons, flexible buttons that are configurable, and dial pad buttons as shown in the figure below.



Fixed Feature Button Definitions

DND – Blocks all incoming calls. Toggle to activate.

Speed – Access speed dialing, speed programming.

Vol ▲ ▼ – Adjusts volume for ringing, headset, and speakerphone; 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.

Speaker – Toggle to activate.

Call Back – Initiates call back request when calling a busy station; call is completed when busy station returns to idle status.

Flexible buttons – 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 speakerphone function.

LIP-8002E/8002AE 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, press the REDIAL button if it has been registered as flexible key.
- Hang-up handset; the call will be retried until the call is connected or the feature is cancelled.

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- When placing an outgoing call to a busy party, press the **CALL BACK** button.
- Hang up handset; the call will be completed when busy party returns to idle state.

Delete Auto Call Number Redial (ACNR):

- Press the **REDIAL** button if it has been registered as Flexible key.

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- When placing an outgoing call to a busy party, press the **CALL BACK** button.

Answering a Call while idle:

ICM Line –

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

CO Line –

- Lift handset.

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- Lift handset, and press flashing Flex button (as needed).

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:

A Conference flex button should be programmed.

- Place a call to first member.
 - If first member answer, press **Conf flex** button and place a call to second member.
 - If last member answer, press **Conf flex** 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 in iPECS-CM.**
- * For conference members, VOIB (VOIU) board is always needed in iPECS-MG.**

Call Hold:

- Press the **HOLD** button while on a CO call.
- Press the CO button or Loop button to rejoin call.

Call Forward:

A Call forward flex button should be programmed.

- Lift Handset or press SPEAKER button.
- Press **DND** 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 Off-net (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.

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- Press **SPEAKER** on and **DND** button.
- 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 and press * or the **SAVE** button.
- For Forward code 0, press * or the **SAVE** button.
- Dial forwarded station number, password and *.
- Dial the destination number.

Delete Call Forward:

- Lift Handset or press **SPEAKER** button.
- Press **DND** button.
- Dial #.

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- Press **SPEAKER** and **DND** button, if call forward is registered.

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.

Storing Speed Dial Numbers:

- Press the **TRANS/PGM** and **Speed** button.
- Dial Speed bin number.
- Press **CO** button or dial **CO** access code. (In case of SBG, this step don't need)
- Dial telephone number you wish to store.
- Press the **Hold** button.
- Enter the name associated to the number.
- Press the **Hold** button; a confirmation tone will be heard.

(iPECS-CM/MG)

- Press the **SPEED** and **TRANS/PGM** button.
- Dial Speed bin number.
- Dial **CO** access code and telephone number you wish to store.
- Press the **Hold** button.

- Enter the name associated to the number.
- Press the **Hold** button; a confirmation tone will be heard.



Using Speed Dial Numbers:

- Press the **Speed** button.
- Dial the desired Speed dial bin number.

LIP-8002E/LIP-8002AE Installation

Note: LIP-8002E/8002AE IP-Phone can be powered by either AC adaptor or Power over Ethernet (PoE, class 1). 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 IP 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 IP Phone, plug one end of the LAN Ethernet cable into the PC Ethernet port on the back of your IP 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 IP 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.

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 the following table).
- Press the **HOLD/SAVE** button.

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1) To assign Fixed or Number

- Press the **TRANS/PGM** button.
- Press the flexible button to be programmed.
- Press program type (1: Fixed button, 2: Number, 0: Delete).
- Choose the desired fixed button type (PTT, REDIAL, MUTE, CONFERENCE, ..) with volume up and down button if the program type is Fixed button, or
- Enter Number to dial if the program type is Number.
- Press the **HOLD/SAVE** button.

2) To assign User Program Code

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

System User Program Codes (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
19	Ear & Mic. Headset	
21	Knock Down STA COS	
22	Restore Station COS	Requires Auth Code
23	Walking COS	Requires Auth Code
30	VM Mobile Notify	
31	Station Wait Retrieve	
32	CL/IP Message Wait Retrieve	

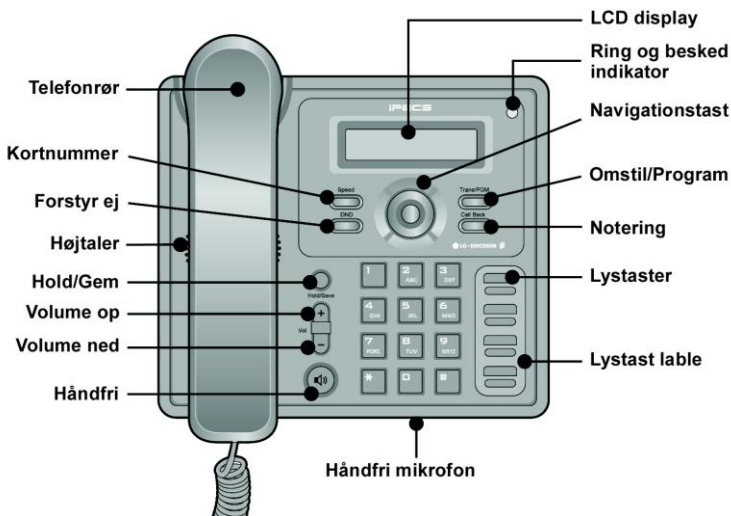
Code	Function	Remark
33	Authorization Code (Password) Entry	Input up to 12 digits
34	DID Call Wait Button	
35	Message Wait in Exec/Sec Pair	
36	Send SMS Message	
37	Register Mobile Ext.	
38	Activate Mobile Ext.	
39	Register Mobile Ext. CLI	
41	Set Wake Up Time	Input time, 24-hr clock
42	Erase Wake-Up Time	
51	Custom/Pre-defined Message Display	
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.	
75	Display Phone IP Address	
76	Change Phone IP Address	
77	Display Phone MAC IP Address	
79	Display Phone Version	
80	RECORD Button	Requires VSF/External SMDI VM
81	ISDN CLIR Button	
82	ISDN COLR Button	
84	Account Code Button	
85	LOOP Button	
86	ATD Intrusion Button	
87	ICM Button	
88	Camp-On Button	
89	Keypad Facility Button	
8#	OHVO Button	
91	CONF Button	
94	FLASH Button	
95	MUTE Button	
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 Destination	

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

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	Not supported
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
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
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



Funktionstaster

FORSTYR EJ – Blokerer for indkommende kald.

VOLUMEN ▲ ▼ – Justerer lydniveauet for ringe tone, headset, og håndfri, samt justerer display kontrast (når telefonen er ledig).

OMST/PROG – Omstillingstast. Anvendes til omstilling af kald og programmering.

HOLD/GEM – Anvendes til at parkere samtaler, samt gemme programmeringsinformation.

MIKROFON – afbryder/tilslutter mikrofonen

HÅNDFRI – Besvarer kald uden brug af telefonrøret.

MENU – Bruges til at vælge den facilitet man ønsker at programmere.

NOTERING– Bruges også til at kalde Voice Mail funktionen.

Flex taster – Nogle taster er forud programmerede som linie-taster, mens andre kan programmeres.

Ring- og besked indikator – Lyser ved ringning, samt når der er en besked der venter.

LCD Display – giver oplysninger og vejleder i brugen af telefonen..

HÅNDFRI – bruges ved håndfri samtale.

Navigationstaste – Bruges sammen med soft tasterne til at vælge og udføre funktioner. Bruges også sammen med MENU tasten til opsætning af telefonen.

Kort brugervejledning

Dette er en kort brugervejledning. Yderligere information findes i brugervejledningen.

Foretage et opkald:

Til et lokalnummer –

- Løft røret eller tryk på HÅNDFRI tasten.
- Tast lokalnummeret på tastaturet.

Til et telefonnummer –

- Løft røret eller tryk på HÅNDFRI tasten.
- Tast 0, eller tryk på en LINIE taste.
- Tast det ønskede telefonnummer.

Benyt Banke-på ved kald til optaget lokalnummer:

- Når man hører at lokalnummeret er optaget taster man * og afventer svar.

Besvare et opkald:

Fra et lokalnummer –

- Løft røret.
- Hvis man er i håndfri kan man bare tale.

Fra en bylinje –

- Løft røret, og tryk på den blinkende lystaste.
- Mikrofon – tryk for at slå mikrofonen fra/til.
- VOLUMEN ▲ ▼ – tryk for at justere lydniveauet.

Besvare et kald under samtale:

- Tryk på HOLD/GEM tasten.
- Tryk på Bylinietaste eller LOOP taste.

Brug af FORSTYR EJ funktionen:

- Tryk på FORSTYR EJ tasten for at slå funktionen fra/til.

Indtrække et kald der ringer på andet lokalnr.:

- Løft røret.
- Tast 7
- Tast lokalnummeret på den ringende telefon.

Indtrække et kald det ringer på et andet lok.nr. i gruppen:

- Løft røret.
- Tast 566

Sæt te samtalen på HOLD:

- Tryk på HOLD/GEM tasten under samtalen.
- Tryk på LINIE tasten for at genoptage samtalen.

Konference:

- Foretag det første opkald.
- Tryk på KONF. tasten.
- Foretag det andet opkald.
- Tryk på KONF. tasten to gange.

Viderestillinger:

- Løft røret.
- Tryk på **FORSTYR EJ** tasten.
- Tast koden for at vælge type af viderestilling (0-5).
1=Straks, 2=Optaget, 3=Forsinket, 4=Optaget/Forsinket, 5=Ekstern (kun omstilling), 0=Remote
- Ved viderestillingskode 1-4, tast nummeret der skal viderestilles til.
- Ved viderestillingskode 5 (ekstern viderestilling), tast 0 efterfulgt af kortnummer.
- Ved viderestillingskode 0 (viderestilling af andet lokalnr.), tast password på det andet lokalnummer og tast viderestillingskoden (1-4).
1=Straks, 2=Optaget, 3=Forsinket, 4=Optaget/Forsinket.
- Tast nummeret der skal viderestilles til.

Slet viderestillinger:

- Tryk på **FORSTYR EJ** tasten.
- Tast #.

Omstilling af kald:

- Under samtalen tastes på OMST/PROG tasten efterfulgt af nummeret der skal omstilles til.
- Præsenter kaldet og læg røret på.
- Samtalen er nu omstillet

Brug af kalds logbog:

- Tryk på **Højre side på Navigationstast** for at se kaldshistorik.
- Tryk på Navigation tasten ▲ ▼ for at se listen.
- Tryk i midten op for at ringe nummeret op.

Programmering af Flextaster

- Tryk på OMST/PROG tasten.
- Tryk på den Flextaste der ønskes programmeret.
- Tryk på OMST/PROG tasten og tast bruger program-koden (se tabellen herunder).
- Tryk på HOLD/GEM tasten.

System Bruger Program-koder

Kode	Funktion	Bemærk
11	Ringetone ved interne kald	Vælg Ringtone 1-8
12	Ringtone ved indkommende kald	Vælg Ring Tone 1-8
13	Svar indstilling ved lokale kald.	1:Håndfri 2:Ringtone, 3:Højtaler (Type 1 og 3 = automatisk afløftning)
14	Forsinket ringning	1:Aktiv/inaktiv 2:Forsinkelse af ringning (0-9)
15	Flere ringetoner	Ring Tone 0-9
19	Headset fra/til	
21	Spærring af telefonen	Spærrer for udg. bylinie kald
22	Ophæv spærring af telefonen	Kræver adgangskode
23	Opkald fra spærret telefon	Tast eget lokalnr. samt kode
30	VM Mobil Notifikation	
33	Vælg adgangskode	Op til 12 cifre
34	Direkte kald i kø	
35	Chef/sekretær besked	
36	Send besked	
37	Register Mobile Extension	
38	Aktiver Mobil Extension	
39	Register Mobile Extension CLI	
41	Indstil påmindelse	Tast tidspunkt. F.eks. 1630 #
42	Slet påmindelse	#

- fortsættes på næste side -

System Bruger Program-koder (fortsat)

Kode	Funktion	Bemærk
51	Aktiver forudbestemt besked	Vælg besked nr. 00-20
52	Opret brugerdefineret besked (besked nr. 00)	Max. 24 tegn
53	Opret konference rum	
54	Slet konference rum	
55	Vis konference gruppe	
61	Headset/håndfri	
62	Headset ringe type	1:Håndfri, 2:Headset, 3:Begge
71	LCD Display Mode	Skifter mellem Dansk / Engelsk
72	Vis MFIM version	
73	Baggrunds musik	
74	Lokalnummer navn	Max 12 tegn, (max 7 tegn)
75	Vis telefonens IP adresse	
76	Skift telefonens IP adress	
77	Vis telefonens MAC adresse	
79	Vis telefon version	
80	Optage tast	Kræver VSF
84	Klient konto tast	
85	Linie tast	Loop
86	Indbrydningstast	
87	Lokal tast	Til at hente lokalkald der er på hold
88	Banke på tast	
91	Konference tast	
94	R-tast	
95	Mikrofon fra/ til tast	
96	Håndfri tast	
97	Genopkald	
98	MEDFLYT tast	
99	PTT	