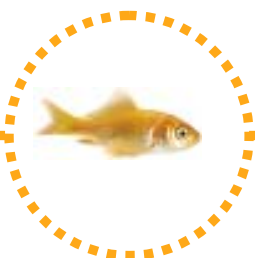


Operating Manual

IP50

IP52

IP54



innovaphone

PURE IP - TELEPHONY

Release 6.0, 1st edition, April 2007

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1. About this manual

This manual describes how to operate the innovaphone IP50, IP52 and IP54 DECT telephones.

Additional information on administration may be found in the VoIP gateway and innovaphone PBX manuals available in the download area of the innovaphone Web site at www.innovaphone.com. All instructions specified there should be followed carefully and the devices should only be used in accordance with these instructions. Please check for new versions in the download area.

2. Operating instructions

This manual describes how to operate and administer the IP50, IP52 and IP54 DECT telephones. All instructions are described using the keys of the IP52 and IP50. For information on which keys to use to operate your innovaphone IP telephone, see the overview below.

Description	Explanation	IP 52, 54	IP50
Left Arrow key	The Left Arrow key is used to navigate in the menu. Furthermore, the key deletes entered numbers or letters through a long press, and acts as a redial key.	REDIAL 	 
Right Arrow key	The Right Arrow key is used to open the telephone book . Like the Left Arrow key, it is also used for navigation .	BOOK 	 
Menu key	The Menu key is used to open the main menu .	MENU 	 
Consultation key	This key enables use of hold and retrieve functions.	MAIL 	 
Hands-free key	With the Hands-free key, you can conduct a call in hands-free mode (IP54 only).	INT 	 
Dial keypad Numeric-, Star-, Hash key	Numeric keys are used to enter telephone numbers and/or letters. The Star and Hash keys have special functions for touch-tone dialling.	  LOCK SILENT  	   
Volume key	The Volume keys may be found at the right side of your DECT telephone. The keys can be used to control the volume of the loudspeaker once a connection has been set up.	 	 
OK key	This key is used to mute the microphone or to select menus / menu items. You can switch off the IP52 and IP54 DECT telephones through a long press on this key.	MUTE 	 
Handset key	The Handset key is used to set up a call or to answer and end a call . You can switch the IP52 and IP54 DECT telephones back on again through a long press on this key.		

3. Initial start-up of the DECT telephones

This chapter explains how you can put the DECT telephones into service. All procedures described relate exclusively to the IP54 and IP52. If you have an IP50, pay attention to the instructions.

3.1. Open and close device

Before opening the device, make sure it is switched off. **Open** the cover as follows:

1. Remove the screw on the rear side with a suitable screwdriver for recessed-head screws.
2. Remove the inner plastic ring with a pointed object.
3. Place a flat screwdriver into the slot of the middle ring located towards the device's underside and carefully lift off the battery lid.

Note:

There is a 13-digit barcode under the battery. The first 12 digits of the barcode are the **IPEI number**. Make a note of this number for security before you close the device.

Close the cover as follows:

1. Slide the cover back down onto the device's rear side and carefully press on the lid.
2. Place the plastic ring on the nut in the screw with the round groove pointing downwards towards the device's upper side.
3. Fix the cover again with the screw you previously removed.

Note:

To open the IP50, carefully pull the battery lid vertically downwards. You close the IP50 by laying the lid onto the bars of the open device and sliding the lid upwards.

3.2. Charge battery

To be able to turn on and use your DECT telephone, the battery must be charged. When the telephone is shipped from the factory, the battery is inserted in the battery compartment, connected and pre-charged.

New batteries must be continuously charged for a duration of 3.5 hours before they are used, since they are shipped discharged.

The battery cannot be overcharged. The telephone switches off the charging process when the battery is full.

Note:
Ensure that the battery is charged only within a temperature range of 5 to 25°C. Charging the battery at temperatures outside this range can affect the charging process adversely.

Charge the battery as follows:


1. Connect the plug of the mains adapter to the charging tray.
2. Plug the mains adapter into your mains supply socket.
3. Place the DECT telephone in the charging tray.


Once you have placed the telephone on the charging tray, a bar indicates your battery's capacity. You can find out your battery's capacity at any time in the "Battery" menu.


Note:
The light diode flashes slowly to indicate that the battery is being charged. When the light diode is constantly lit, the battery is full.

3.3. Switch on DECT telephone

Before you can switch on the telephone, the battery must be charged (see chapter 3.2.). Switch on the handset as follows:

1. Take the DECT telephone from the charging tray.
2. Press and hold down the Handset key  for approximately one second.







If the DECT telephone is within range of the base station, the  symbol appears to indicate that the telephone is ready for operation.

If the telephone is out of range of the base station, the  symbol is not displayed and you cannot phone. Once the handset is again within range of the base station, the symbol is displayed after approximately 30 seconds.

3.4. Register DECT telephone with the innovaphone PBX

The configuration for a new telephone first has to be set up on the innovaphone PBX. For a description of the procedure, please refer to the "innovaphone PBX Administrator Manual". For this, the IPEI number is necessary, which can be found under the battery and on the device's packaging. After that, the configuration must be set up on the IP1200 DECT system. A description of the procedure can be found in the "IP DECT Administrator Manual".

Once these steps have been carried out, the telephone can be registered with the DECT gateway (1200) as follows:

1. Press the Menu key .
2. Using the Arrow keys  , select your way through the menus until you get to **"Registration menu"** and confirm with the OK key .
3. Then press the Right Arrow key  once to access the **"New Logon"** menu and confirm with the OK key .






Your DECT telephone then logs on. Upon successful logon, a long beep tone sounds, the text "innovaphone" disappears from the display and the configured name appears.

3.5. Select base station automatically/manually


A DECT telephone can be connected to four base stations. If the reception of one base station is too weak, your DECT telephone can log on to a different base station. The telephone selects the base station that offers it the best reception. The base station can be selected manually or automatically.

3.5.1 Select base station manually

To select a base station manually, proceed as follows:

1. Press the Menu key .
2. Using the Arrow keys  , select your way through the menus until you get to **"Registration menu"** and confirm with the OK key .
3. You then go to the **"System menu"**. Confirm with the OK key .








The available systems are displayed with their respective serial number, **for example, "SYSTEM 01"**.

4. Confirm with the OK key .

Your DECT telephone dials into the selected system (base station) provided that it is registered there and is within range. Upon successful logon, a long beep tone sounds.

3.5.2 Automatic selection of base station by DECT telephone











You can also let your telephone select the base station. To do so, proceed as follows:

1. Press the Menu key .
2. Using the Arrow keys  , select your way through the menus until you get to **"Registration menu"** and confirm with the OK key .
3. You then go to the **"System menu"**. Confirm with the OK key .
4. Press the Right Arrow key  twice up to **"System automatic"** and confirm with the OK key .

The telephone stores the setting and automatically logs you on to the system (base station) with the strongest reception. You then return to the **"System menu"** display. A system change-over takes place if necessary.

3.5.3 Putting the DECT telephone out of service

To delete the selected system and therefore put the DECT telephone out of service, proceed as follows:

1. Press the Menu key .
2. Using the Arrow keys  , select your way through the menus until you get to **"Registration menu"** and confirm with the OK key .
3. Then press the Right Arrow key  twice to access the **"Delete Logon"** menu and confirm with the OK key .
4. You are prompted to enter a **four-digit password** using the numeric keys. The password is set at the factory to **0000**.
5. Once you have entered your password, the **"Delete logon?"** prompt appears. Press the OK key .
6. The available systems are displayed with their respective serial number. An asterisk after the system (for example: SYSTEM 1*) indicates which system you are currently logged on to. Press the Right or Left Arrow key   to select the appropriate system. The selected system appears on the display; confirm with the OK key . The selected system is deleted.

4. Phoning with the DECT telephone


In chapter 3, you successfully registered your DECT telephone with the innovaphone PBX and logged on to a base station. This next chapter provides information on how to use and operate the DECT telephone.

4.1. Setting up two connections

The possibilities for setting up two connections are as follows:

1. With a call on hold, you can make a call to another subscriber. You can make consultations and transfer calls.
2. Someone tries to call you whilst you are on the phone. You can accept a waiting call.

4.1.1 Waiting calls


Someone tries to call you whilst you are on the phone. The waiting call is not accepted automatically. You can accept a waiting call using the key sequence  and 2.

Note:


A waiting caller is shown on your DECT telephone's display only by their name or number as per the factory settings. By using feature codes, you can control call waiting whilst engaged in a telephone call. (See chapter 4.4)



4.1.2 Consultation and call transfer

Whilst connected with an active call partner, you can set up a new connection by calling another subscriber. You have the possibility to transfer an active call or initiate a conference.


1. Press the Consultation key  during a call. The active call partner is put on hold and you can hear a dial tone. The active connection appears against a dark background on your display.
2. A connection is set up to the call number dialled. If the subscriber answers, you can make a consultation before the transfer.

Tip:




The connection set up is deleted again if you press the  key and 1 once more before the consultation connection is set up.

3. Replace the handset  or press the Consultation key  and 4. The caller will be connected.

Note:






The key sequence  and 2 allows you to switch between the call on hold and the active call.

4.1.3 Key sequences




keys	Function
 +2	<ul style="list-style-type: none"> ➤ Accept a waiting call ➤ Switch between active call and call on hold
 +1	<ul style="list-style-type: none"> ➤ The connection set up is deleted before the consultation connection is set up.
 +4	<ul style="list-style-type: none"> ➤ Replaces hang-up for hold and retrieve. Once a second connection has been set up, the active line is connected with the line on hold using this key sequence.

4.2. Redialling

The numbers of the last 10 calls made and received are automatically stored and you can dial them again. You start the redial process as follows:


1. Press the Menu key  and use the Arrow keys   to select your way through the menus until you get to “Redial menu”; then confirm with the OK key .
Alternatively, press the Left Arrow key  in the idle state.

On the display, the last numbers dialled will appear in a list sorted by time and will have the ID “Redial”; the last calls received will have the ID “Clip”. The respective call number is displayed below.


2. Select the desired call number with the Arrow keys  .
3. Dial the number with the Handset key .

4.3. Keylock

If you keep your DECT telephone in your jacket pocket, for example, you can activate the keylock to prevent keys being pressed unintentionally.

Note:
With the keylock activated, you can still take calls by pressing the Handset key .

To **activate/deactivate** the keylock, press the following key sequence:

1. The Menu key  followed by
2. the Star key. 

The “Keylock” message and the name of the mobile component will appear on, or disappear from, the display. You can also configure an automatic keylock using your telephone (see chapter 5.9.).

4.4. Feature code - general structure

The codes for these features can be configured. Here, it is to be noted that, in general,

- the **\$** character stands for a **variable** number of characters (for example, a telephone number) and
- the **\$(x)** character stands for a **fixed** number of characters.

Usually, an action is **initiated** with a ***** character and is **cancelled** with a **#** key.

4.4.1 Diversion options

The call diversion function allows you to be available even whilst absent.

Note:
Call diversion operates in accordance with the H.450 standard. The gatekeeper must support this protocol.

The IP adapter supports three different types of call diversion, which are operated with the following codes on your telephone.

Activity	Code	Description
Permanent diversion		In this case, calls are always diverted to another subscriber.
Enable/Disable	*21*\$# #21#	➤ The \$ character stands for the <u>destination number</u> . <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note: This state of diversion cancels the other diversion types. With this setting, calls are diverted immediately. The called party is therefore unable to answer the calls.</p> </div>
Diversion if busy		Calls are diverted if there is already an active call, that is, if the called line is busy.
Enable/Disable	*67*\$# #67#	➤ The \$ character stands for the <u>destination number</u> .
Delayed diversion		Calls are diverted if they are not answered within a certain time limit.
Enable/Disable	*61*\$# #61#	➤ The \$ character stands for the <u>destination number</u> .

Note:
Unlike permanent call diversion, the latter two types allow you to accept calls within a pre-defined time period before they are diverted.

4.4.2 Lock

In the initial state, you can lock your comfort telephone using the following shortcut key.

Activity	Code	Description
Lock keypad		The keypad of your IP telephone is locked using this shortcut key.
Enable/ Disable	*33*\$# #33*\$#	➤ The \$ character stands for a variable <u>character string</u> .

Before you can lock your IP telephone, you are prompted to enter your **PIN**.

4.4.3 PIN

The PIN is used to prevent unauthorised access. You can use this function to activate the protection and specify the PIN. Proceed as follows to set the PIN:

Activity	Code	Description
Change PIN		Changes the PIN.
	99\$*\$*\$#	<ul style="list-style-type: none"> ➤ The 1st \$ character is the <u>old</u> PIN. ➤ The 2nd \$ character is the <u>new</u> PIN. ➤ The 3rd \$ character is used for confirmation of the new PIN.

4.4.4 Station guarding

This function allows you to respond in a particular way to incoming calls. In the idle state, the telephone is muted. A dial tone is nonetheless forwarded to the caller.

Activity	Code	Description
Station guarding: all		The mute function for incoming external and internal calls.
Enable Disable	*42# #42#	
Station guarding: internal		The mute function for internal telephone calls.
Enable Disable	*421# #421#	
Station guarding: external		The mute function for external telephone calls.
Enable Disable	*422# #422#	

4.4.5 Call waiting function

Activity	Code	Description
Call waiting function		This function allows you to control call waiting while engaged in a telephone call.
<i>Enable/ Disable</i>	<i>*43# #43#</i>	

4.4.6 Delete local settings

Activity	Code	Description
Delete local settings	<i>*00#</i>	Deletes the adapter's local settings. The adapter's initial configuration is restored.

4.4.7 Pickup

Within a group, an incoming call can be picked up by a subscriber.

Activity	Code	Description
Non-selective pickup	<i>*0#</i>	In this case, you can pick up a group call at your telephone. If there are several group calls ringing, it is not possible to specify which call to pick up.
Selective pickup	<i>*0*\$#</i>	If there are several group calls ringing, you can specify a particular incoming call you want to pick up. The \$ character is the <u>number of the telephone</u> of the group subscriber.

4.4.8 Park

You can use this function to define the parking position. This parking position is linked to an existing object of the same group. The object can be the exchange line or the queue, for example.

Calls can be parked onto this position and retrieved again by any member of the group.

Activity	Code	Description
<i>Park function on <u>own</u> telephone</i>	*16\$(1)	You use this option if you want to park a call onto your own IP telephone or
<i>Take call parked on <u>own</u> telephone</i>	#16\$(1)	would like to take a call parked on your telephone.
<i>Park onto <u>external</u> object</i>	*17\$(1)\$#	This option is for when you want to park a call onto an external object, not your own telephone. The subscriber for whom you have parked the call can retrieve this caller with *16\$(1) as described above.
<i>Take parked call from <u>external</u> object</i>	#17\$(1)\$#	This code allows you to take the parked call from an external object.

4.4.9 Join group

Activity	Code	Description
<i>Join group</i>	*31#	This function allows you to join or leave a group with the current registration.
<i>Leave group</i>	#31#	

4.4.10 Summary

The table below is intended to provide a clear overview of all functions and their standard feature codes.

Function	Standard feature codes	
	Function on	Function off
Diversion option		
Permanent diversion	*21*\$#	#21#
Diversion if busy	*67*\$#	#67#
Delayed diversion	*61*\$#	#61#
Lock	*33*\$#	#33*\$#
PIN	*99*\$*\$#\$	
Station guarding		
Station guarding: all	*42#	#42#
Station guarding: internal	*421#	#421#
Station guarding: external	*422#	#422#
Call waiting function	*43#	#43#
Delete local settings	*00#	
Pickup		
Non-selective pickup	*0#	
Selective pickup	*0*\$#	
Park	Park	Take a parked call
On own telephone	*16\$(1)	#16\$(1)
On external object	*17\$(1)\$#	#17\$(1)\$#
Join group	Join	Leave
	*31#	#31#

5. Profile

You can use profiles to configure your personal requirements. For fast and convenient access to menus, you can use shortcuts (see chapter 7.).

5.1. Profiles 1 and 2

Note:
This chapter concerns the IP50 DECT telephone only.

Profile 1 and **Profile 2** are available to you, and can be configured to store your personal requirements.






Profile 1 can be configured for **loud environments**, for example, by switching on the vibrator and increasing the ringing tone volume.

Profile 2 can be configured for **quiet environments**, for example. You can ensure you are made aware of an incoming call by means of the vibrator, or you set a lower ringing tone volume.




You can configure your personal requirements using the following options.

5.2. Ringing tone

The DECT telephone offers nine different ringing tones to choose from. Set the ringing tone as follows:









1. Press the Menu key .
2. Using the Arrow keys  , select your way through the menus until you get to **"Profile Selection"** and confirm with the OK key .
3. You then go to **"Set Profile Ringing Tone"**. Confirm with the OK key .

The text **"Ringing tone"** appears on the display; the number beneath refers to the ringing tone currently set.

4. To change the ringing tone, click your way through the nine ringing tones using the Arrow keys  . The various ringing tones are played when you select them.
5. When you have found the ringing tone you want, press the OK key . The selected ringing tone is stored for the profile.









5.3. Ringing tone volume

You can set the volume of your ringing tone using five levels:

1. Press the Menu key .
2. You then go to the **"Profile Selection"** menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to **"Set Profile Ringing Tone Volume"** and confirm with the OK key .
4. You can increase the volume with the Right Arrow key , reduce it with the Left Arrow key .
5. Press the OK key  to store the set ringing tone volume for the profile.









5.4. Keypad tone

As well as the ringing volume, you can also set the keypad volume on your telephone. The keypad tone confirms each keystroke acoustically. Set the keypad tone as follows:

1. Press the Menu key .
2. You then go to the **"Profile Selection"** menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to **"Set Profile Keypad Tone"** and confirm with the OK key .
4. You can increase the keypad volume with the Right Arrow key , reduce it with the Left Arrow key .
5. Press the OK key  to store the set keypad volume for the profile.









5.5. Vibrator

The vibrator is a facility is for making you aware of an incoming call. The vibrator makes your telephone vibrate when there are incoming calls. Turn on or off the vibrator as follows:

1. Press the Menu key .
2. You then go to the “**Profile Selection**” menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to “**Set Profile Vibrator**” and confirm with the OK key .
4. Use the Arrow keys   to specify the “**on**” or “**off**” state and confirm with the OK key .


5.6. Automatic call acceptance

Using the automatic call acceptance function, you can automatically accept calls without having to press the Handset key. Turn on or off automatic call acceptance as follows:









1. Press the Menu key .
2. You then go to the “**Profile Selection**” menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to “**Set Profile Auto Call Acceptance**” and confirm with the OK key .
4. You can use the Arrow keys   to specify the “**on**” or “**off**” state.
5. Press the OK key  to store the set state for the profile.

5.6.1 Volume of the loudspeaker (start volume)

You can control the volume









1. **during** a call using the  keys located at the right side of your DECT telephone or
2. as a **pre-setting** on your telephone.

To pre-set the volume of the loudspeaker:



1. Press the Menu key .
2. You then go to the **"Profile Selection"** menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to **"Set Profile Start Volume"** and confirm with the OK key .
4. You can use the Arrow keys   to specify the five-level volume of the handset.
5. Press the OK key  to store the set handset volume for the profile.









5.7. Out-of-range alert

Your telephone can alert you to the fact that you are leaving the reception range of the base station. Whilst you are out of range of the base station, you cannot receive or make any calls. Turn on or off the out-of-range alert as follows:

1. Press the Menu key .
2. You then go to the **"Profile Selection"** menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to **"Out of Range"** and confirm with the OK key .
4. You can use the Arrow keys   to specify the **"on"** or **"off"** state.
5. Press the OK key  to store the set out-of-range alert for the profile.









5.8. Auto keylock

You can set the keylock manually by pressing the Menu key  followed by the Star key . You can, however, also set an automatic keylock, which comes into effect approximately 30 seconds after the telephone has been put out of service. To do so, proceed as follows:

1. Press the Menu key .
2. You then go to the **"Profile Selection"** menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to **"Set Profile Auto Keylock"** and confirm with the OK key .
4. You can use the Arrow keys   to specify the **"on"** or **"off"** state.
5. Press the OK key  to store the automatic keylock for the profile.









5.9. Language

You can change the language version of the user interface using this option.

1. Press the Menu key .
2. You then go to the **"Profile Selection"** menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to **"Set Profile Language Selection"** and confirm with the OK key .
4. You can use the Arrow keys   to specify one of the following languages:
 - German
 - French
 - Italian
 - Spanish
 - Dutch
 - English
5. Press the OK key  to store the selected language for the profile.





5.10. Display lighting

You can turn on or off the display lighting in this menu.

1. Press the Menu key .
2. You then go to the “**Profile Selection**” menu; confirm with the OK key .
3. Using the Arrow keys  , select your way through the menus until you get to “**Set Profile Display Light**” and confirm with the OK key .
4. You can use the Arrow keys   to specify the “**on**” or “**off**” state.
5. Press the OK key  to copy the setting for the display lighting over to the profile.




6. Telephone book

In your DECT phone’s telephone book, you have 80 storage spaces available for storing your call numbers. Each number you store can have up to 24 digits, and you can store a name for each number with up to 24 letters or characters.

You access the telephone book using the Right Arrow key  or the “**Telephone Book menu**”. To call a number from the telephone book, you select the required number using the Arrow keys   and then call this number using the Handset key .










6.1. Create telephone book entry

To store a call number in the telephone book, proceed as follows:

1. Enter the call number.
 2. Then press the Right Arrow key . The “**Storage no.?**” prompt appears above the call number.
 3. Press the OK key . The text “**Name**” appears on the display.
 4. Enter the name using the numeric keypad (see chapter 8.) and then confirm with the OK key .
- **If there is free storage capacity available**, the call number is stored.
 - **If your telephone’s storage capacity is full**, an appropriate message appears on the display.















6.2. Delete telephone book entry

If you want to delete a telephone book entry, proceed as follows:

1. Press the Right Arrow key . **Alternatively**, press the Menu key  and use the Arrow keys   to select your way through the menus until you get to **"Telephone Book menu"**; then confirm with the OK key .
2. Use the Arrow keys   to select the telephone book entry you want to delete.
3. Press the OK key . The **"Delete?"** prompt appears on the display.
4. Confirm the delete process with the OK key . The telephone book entry is deleted.

6.3. Change telephone book entry

To modify an existing telephone book entry, proceed as follows:

1. Press the Right Arrow key . **Alternatively**, press the Menu key  and use the Arrow keys   to select your way through the menus until you get to **"Telephone Book menu"**; then confirm with the OK key .
2. Use the Arrow keys   to select the telephone book entry you want to modify.
Confirm the entry with the OK key . Use the Arrow keys   to select whether you want to delete the entry or modify the call number (**"Edit no.?"**) or the name (**"Edit name?"**).
3. Confirm with the OK key . If you have confirmed one of the modification options, a flashing cursor appears. You can now use the Arrow keys   to move the cursor to where the call number or name needs to be modified, and make the modification.
4. Then press the OK key  to confirm and store your modifications.

7. Shortcuts

Shortcuts provide easy, convenient access to many functions without you having to call them up in menus. The shortcuts available are listed in the table below:













Note:

The “Profile 1” and “Profile 2” functions are only available on the IP50.













8. Alphanumeric characters

This chapter is intended to give an overview of how you can use alphanumeric- oder special characters.

8.1. Alphanumeric characters for IP 50

Key	Alphanumeric characters, special characters
	Æ Ø Ä @ Ä Ö ß Ü 1
	A B C @ Ä Á À Â 2
	D E F 3
	G H I î 4
	J K L 5
	M N O Ö Ó Ò 6
	P Q R S ß 7
	T U V Ü Ù Ú Û 8
	W X Y Z 9
	* # / \ () = &
	Space . , _ - + : ? ! 0
	Switch between upper- and lower case

8.2. Alphanumeric characters for IP 52 and IP54

Key	Alphanumeric characters, special characters
	? ! 1 - + * / = & () % ¿
	A B C 2 Ä Å À Á Â Ã Æ Ç
	D E F 3 È É Ê Ë
	G H I 4 Ì Í Î Ï
	J K L 5
	M N O 6 Ö Ñ Ø Ò Ó Ô Õ
	P Q R S ß 7
	T U V 8 Ü Ù Ú Û
	W X Y Z 9
	Switch between upper- and lower case
	Space key , . 0 : ; _ “ ’ ~
	# @ E \$ £ ¥ § < > { } [\]

9. Manu summary

IP52, IP54	IP50
1. Profile Set Up	1. Profile Set Up
1.1. Set Profile Ringer Tone	1.1. Set Profile Profile 1
1.2. Set Profile Ringer Vol.	
1.3. Set Profile Key Click	1.2. Set Profile Profile 2
1.4. Set Profile Vibrator (on/off)	
1.5. Set Profile B-Answer (on/ off)	
1.6. Set Profile Start Volume	
1.7. Set Profile Out Of Range (on/off)	
1.8. Set Profile Auto Keylock (on/off)	
1.9. Set Profile Language (English, German, French, Italian, Spanish, Dutch)	
1.10. Set Profile Blacklight (on/off)	
2. Menu Ext. Service	2. Menu Ext. Service
3. Menu Battery (Battery Capacity)	3. Menu Battery (Battery Capacity)
4. Menu Phone Book	4. Menu Phone Book
5. Menu Redial (Clip, Redial)	5. Menu Redial (Clip, Redial)
6. Menu Mail (Write New Mail?)	6. Menu Mail (Write New Mail?)
	7. Menu Language (English, German, French, Italian, Spanish, Dutch)
7. Menu Login	8. Menu Login
7.1. Menu Select Login	8.1. Menu Select Login (System 01-System 06, Auto)
7.2. Subscription Create (Subscription Search ID)	8.2. Subscription Create (Subscription Search ID)
7.3. Subscription Remove	8.3. Subscription Remove
8. Menu MSF Function	9. Menu MSF Function (MSF Function Key In No)

Safety instructions

The manufacturer assumes no responsibility for any personal injury, damage to property or subsequent damage that can be attributed to improper use of the device.

innovaphone® AG declares that the device meets all basic requirements of the European Guideline 1999/5/EC.

The "innovaphone Administrator Manual - VoIP Gateways" and the "Administrator Manual - innovaphone PBX" should also be observed for the configuration of the VoIP terminals. All instructions specified there should be followed carefully and the devices should only be used in accordance with these instructions.

Note:
Please note the following instructions for your own safety:

➤ Power supply

The external power supply is designed for operation with a 100-240 V, 50 Hz AC mains network. Never try to connect the equipment to other mains systems!

The equipment cannot be operated during a mains failure. The equipment settings however are retained.

The power socket must be near to the equipment and easy to access. The power supply to the device can be interrupted by pulling the mains adapters out of the power socket by removing the network cable.

➤ Installation and connection

The DECT phones should be installed with the charger.
Lay the connection cables carefully so that no one can trip over them. Connected cables must not be bent excessively, pulled or subjected to mechanical strain.

The equipment is intended for use in dry rooms only.

The equipment must not be installed and operated under the following conditions:

- In damp, dusty rooms or in rooms where an explosion may occur
- At temperatures over 40°C or under 0°C
- Where it is subject to impact stress or vibrations
- At places subject to direct sunlight

Some types of furniture varnish or cleaning products can damage the plastic feet of the IP50, IP52 or IP54 comfort telephone and leave marks. In these cases, make sure you put the equipment on a stable, non-slip surface.

➤ Cleaning

Use a soft, slightly damp cloth to clean the surface of the equipment housing.

Do not use any chemicals or abrasives. The equipment does not require any maintenance.

➤ Malfunctions

There is no need to open the device if it is operated and serviced as intended.

Do not open or reconnect faulty equipment. In this case, return the equipment to your dealer or service centre. Keep the original packaging in case you need to return the equipment, since it provides ideal protection.

Back up all entries (for example, on a PC) to avoid losing data.

➤ Disposal

When due for disposal, the device should be disposed of as electronic scrap, in accordance with local regulations.

➤ Environmental sustainability

There is no contact with hazardous materials if the telephone is used as intended. The plastics used for this device are of partially recycled granulate. We do not use any plastic material for our packaging. We only use part recycled cardboard and paper.

➤ Warranty

Your IP terminal is a sophisticated, modern device which has been produced using state-of-the-art production equipment in order to meet high quality requirements. Only high quality components, which ensure a maximum of reliability, are used for their production.

A warranty seal has been applied to the bottom of the IP terminal (on a screw of the housing). Please make sure it is not damaged, since otherwise no warranty claims can be made.

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