

# **SWITEL**

**SWISS BRAND** 

Low radiation cordless DECT/GAP telephone

## **DF150x**



## **Operating Instructions**

**GB**

## Safety Information

### 1 Safety Information

Please read this operating instruction manual thoroughly.

#### Intended use

The telephone is suitable for telephoning within a public telephone network system. Any other use is considered unintended use. Unauthorised modification or reconstruction is not permitted. Under no circumstances open the device or complete any repair work yourself.

#### Installation location

Prevent excessive exposure to smoke, dust, vibration, chemicals, moisture, heat and direct sunlight.

Do not use the handset in potentially explosive areas.

#### Power adapter plug



**Attention:** Only use the power adapter plug supplied because other power supplies could damage the telephone. Ensure access to the power adapter plug is not obstructed by furniture or such.

#### Rechargeable battery pack



**Attention:** Never throw batteries into a fire. Only use batteries of the same type. Pay attention to correct polarity. Incorrect polarity of the batteries represents a risk of explosion during charging.

#### Power failure

The telephone cannot be used to make calls in the event of a power failure. Always keep a wired telephone which operates without an external power supply available in case of emergency situations.

#### Medical equipment



**Attention:** Never use the telephone in the vicinity of medical equipment. Effects on such equipment cannot be fully ruled out.

DECT<sup>1</sup> telephones can cause an unpleasant humming sound in hearing aids.

### Disposal

In order to dispose of your device, take it to a collection point provided by your local public waste authorities (e.g. recycling centre). According to laws on the disposal of electronic and electrical devices, owners are obliged to dispose of old **electronic and electrical devices** in a separate waste container. The adjacent symbol indicates that the device must not be disposed of in normal domestic waste!



### Risks to health and the environment from batteries!

Never open, damage or swallow batteries or allow them to pollute the environment. They could contain toxic and ecologically harmful heavy metals. You are legally obliged to dispose of power packs and batteries at the point of sale or in the corresponding containers provided at collection points by local public waste authorities. Disposal is free of charge. The above symbols indicate that the batteries must not be disposed of in domestic waste and that they must be disposed of at an authorised collection point.



**Packaging materials** must be disposed of according to local regulations.

## 2 Preparing the Telephone

### Safety information



**Attention:** It is essential to read the Safety Information in Chapter 1 before starting up.

### Checking the package contents

The package contains:

Content	Model DF150x			
	1501	1502 <sup>1</sup>	1503 <sup>1</sup>	1504 <sup>1</sup>
Base station with power adapter plug	1	1	1	1
Charging station with power adapter plug	-	1	2	3
Handset	1	2	3	4
Telephone connection cable	1	1	1	1
Rechargeable battery pack	1	2	3	4
Operating instructions	1	1	1	1

<sup>1</sup> Visit [www.switel.com](http://www.switel.com) to find out whether the telephone/telephone set is already available.

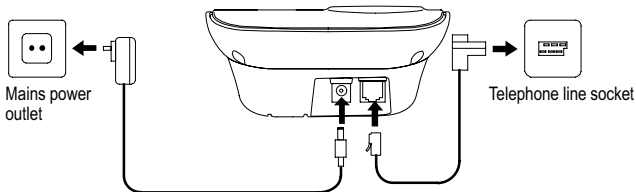
## Preparing the Telephone

### Connecting the base station



**Attention:** Position the base station at least 1 m away from other electronic devices, otherwise there is a risk of mutual disturbance.

Connect the base station as illustrated in the diagram. For reasons of safety, only use the power adapter plug and telephone connection cable supplied.



For the base station, use the power adapter plug labelled SSA-5AP-09 EU 060021 and rated at 6 V DC, 210mA.

### Important information

The telephone base station is equipped with an energy-efficient switching power supply SSA-5AP-09 EU 060021 (input 100~240 V<sub>AC</sub>, output 6 V<sub>DC</sub>, 210 mA). The zero load is approx. 0.11 W. The average efficiency is approx. 65.2%. The power consumption of the base station is:

- in operation (standby/talking): approx. 0.49 W, approx. 0.63 W
- when charging the handset: approx. 0.74 W

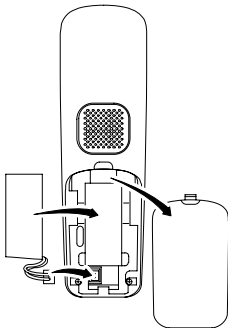
The charging station(s) supplied with the telephone set is/are equipped with an energy-efficient switching power supply SSA-5AP-09 EU 060021 (input 100~240 V<sub>AC</sub>, output 6 V<sub>DC</sub>, 210 mA). The zero load is approx. 0.11 W. The average efficiency is approx. 65.2%.

The power consumption of the charging station is:

- without handset: approx. 0.11 W
- when charging the handset: approx. 0.4 W

### Inserting the battery pack

Slide the battery compartment cover downwards and then remove it. Connect the plug on the battery pack in the socket in the battery compartment. Insert the battery pack in the battery compartment. Only use the battery pack supplied. Pay attention that the cable is not jammed. Replace the cover back on the battery compartment and slide it upwards until it snaps into place.



## Charging the batteries



Before the handset is used for the first time, insert it in the base/charging station for **at least 15 hours**.

When the handset is properly inserted in the base station / charging station, you will hear an acoustic signal. The handset warms up during the charging process. This is normal and does not represent a risk. Do not charge the handset with charging units from other manufacturers.

The current **battery charge status** is indicated in the display:



Full



Half empty



Low



Empty

## Setup mode

When you first start up and after every reset, the unit will be in setup mode. Follow the instructions displayed to choose a country and language and to set the date and time.

WELCOME		Start Setup
SET COUNTRY		Select a country
CONFIRM?		Confirm
WAITING...		
SET LANGUAGE		Select a language
		Confirm
Set Date		Set date and confirm
SET TIME		Set time and confirm



In setup mode, the language of display texts will change as you select a country.

## Setting the time and date on the handset

The time and date are set via the menu. Refer to Page 14 for the sequence of menu option selections. If AUTO CLOCK ADJ is enabled, the CLIP function will automatically receive and update both date and time.

## Automatic answering (Auto answer)

If this function is activated, an incoming call is taken when the handset is removed from the base/charging station. Use the menu to activate or deactivate this function. Refer to Page 14 for the sequence of menu option selections.

## Private branch exchanges

The information on Page 16 explains how to install your telephone in a private branch exchange.

## Low-radiation operation (ECO mode)

The level of radiation is considerably lower than that of standard DECT cordless telephones when in Standby mode (when the handset is in the charging station). In talk mode, radiation is reduced (depending on the distance between the handset and base station).

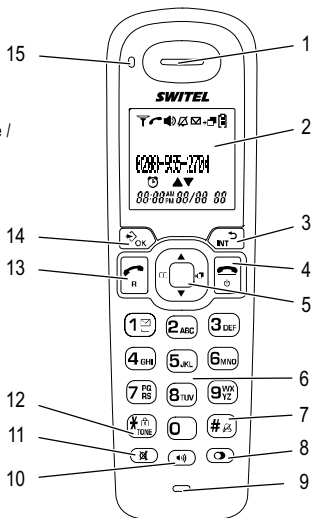


## 3 Operating Elements

The buttons in this operating manual are subsequently depicted with a uniform contour. Therefore, slight deviations in the appearance of the symbols on the telephone buttons compared to those depicted here are possible.

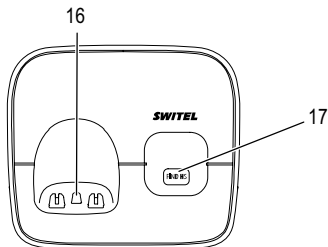
### Handset

- 1 Loudspeaker
- 2 LC display
- 3 Back / delete / internal calls
- 4 On-hook button / Standby mode / handset on/off
- 5 Navigation buttons / phone book / calls list
- 6 Digit keys
- 7 # button / ringing tone on/off / dialling pause
- 8 Redialling
- 9 Microphone
- 10 Handsfree button
- 11 Muting button
- 12 \* button
- 13 Key lock
- 14 Call button / R-button
- 15 Menu button / OK



### Base station









- 16 Charging contacts
- 17 Paging button





















## 4 Preliminary Information

This chapter provides basic information on using the operating instruction manual and the telephone.




### Description of operating sequences in the manual

Display	Description
	Displays the contour of buttons
	Press the button depicted briefly
3 sec. 	Press the button depicted for 3 seconds
	Enter digits or letters
	Handset rings
	Remove the handset from the base station
	Place the handset in the base station
	Texts which appear in the display


### Icons and texts in the handset display

Icon	Description
	On: Indicates the battery charge status. Animated segments: The batteries are being charged;  Page 5.
1	Internally assigned call number of the handset;  Page 18.
12:03 01/01	Display of time and date;  Page 14.
	On: A call is currently being made. Flashing: A call has been received;  Page 11.
	On: There are calls on the calls list. Flashing: New calls have been registered in the call list;  Page 10.
	There are further items/menu options. Press the  /  button to display them.
	The ringing tone has been switched off;  Page 13.
	The handsfree facility is activated;  Page 13.
KEYS LOCKED	The key lock function is activated;  Page 13.
MUTE ON	The microphone is deactivated (muted);  Page 13.
	The alarm clock is switched on;  Page 14.

## Preliminary Information

Icon	Description
	On: The connection to the base station is good. Flashing: The connection to the base station is interrupted. Move nearer to the base station.
	Answering machine provided in the telephone network. <b>VMWI</b> <sup>1</sup> - Supplementary service offered by telephone network providers;  Page 17.


### Standby mode











All descriptions in this operating manual assume that the handset is in Standby mode. This is the case when you are not talking on the phone and if a menu is not open. Press the  button to return to Standby mode.

### Energy-save mode

When the handset has been in Standby mode for some time, it automatically switches to energy-save mode. The buttons and display no longer light up.

### Navigating in the menu

All the functions can be accessed via the various menus. Refer to the Menu Structure  Page 14 for information on how to access each respective function.

	Open the main menu
	Select a submenu
	Open the submenu
	Select a function
	Run the function
	Select a setting
	Use the keypad to enter figures or letters, as necessary
	Confirm entries
	One level back
	Abort all programming and saving and return to Standby mode











Every process is automatically cancelled if there is no input within 30 seconds.



### Creating phone book entries - example

The way in which to navigate through the menus and select settings is explained by means of the example **Creating phone book entries**. Proceed as in this example for all the settings.

	Open the phone book
 NEW ENTRY 	Select submenu and confirm
ENTER NAME  	Enter a name (max. 12 characters) and confirm
ENTER NUMBER  	Enter the phone number (max. 24 digits) and confirm
	Aborts saving and returns the handset to Standby mode








## 5 Phone Book

You can use the phone book to store up to 100 phone numbers together with the associated names.

- Always enter the area access code with the phone numbers so that incoming local calls can also be assigned to a phone book entry.
- When the memory capacity is used up, the message **MEMORY FULL!** appears when an attempt is made to store another number. To create space, an existing entry must first be deleted.
- The phone book entries are arranged alphabetically. To access the required phone book entry directly, press the first letters of the corresponding name.

### Entering names

Letters are also imprinted on the digit keys. Letters, digits and special characters are entered by pressing the relevant key the respective number of times.










	Enter a space
	Enter a special character
	Delete
 / 	Move the cursor
 	Upper/lower case



To enter the same letter twice, press the button to enter the letter. Wait until the cursor skips one position forwards. Enter the letter again.








## Calls List

### Editing phone book entries







	Open the phone book
	Select an entry
	Open the menu
	
EDIT ENTRY , 	Select submenu and confirm
ENTER NAME  	Edit the name (max. 12 characters) and confirm
ENTER NUMBER  	Edit the phone number (max. 24 digits) and confirm

### Deleting phone book entries

#### Deleting a single entry

	Open the phone book
	Select an entry
	Open the menu
 DELETE , 	Select submenu and confirm
CONFIRM? ,  or 	Confirm or cancel deletion

#### Deleting all entries

	Open the phone book
	Open the menu
	
DELETE ALL , 	Select the submenu and confirm
CONFIRM? ,  or 	Confirm or cancel deletion



## 6 Calls List

A total of 30 phone numbers are stored in a calls list.



The caller number display (**CLIP**<sup>1</sup>) is a supplementary service offered by your telephone network provider. The caller's number appears in the display if the service is offered by your telephone network provider. Contact your network provider for further information.










### Displaying numbers in the calls list

	Open the calls list
	Select an entry

<sup>1</sup> **CLIP**: Calling Line Identification Presentation = Displays the caller's phone number.

### Copying a phone number from the calls list to the phone book










A phone number in the calls list can be stored in the phone book directly.

	Open the calls list
 /  , 	Select an entry and confirm
COPY TO PB , 	Open the menu and confirm
ENTER NAME  , 	Enter a name (max. 12 characters) and confirm
ENTER NUMBER  , 	Edit the phone number (max. 24 digits) and confirm










As soon as the phone number in the phone book has been saved together with a name, the name entered appears in the calls list.

### Deleting individual phone numbers

	Open the calls list
 /  , 	Select an entry and confirm
 /    DELETE , 	Open the menu and confirm
CONFIRM? ,  or 	Confirm or cancel deletion

### Deleting all phone numbers



	Open the calls list
 ,  / 	
DELETE ALL , 	Open the menu and confirm
CONFIRM? ,  or 	Confirm or cancel deletion

## 7 Telephoning





### Taking a call

 or 	Answers the call
--	------------------

### Ending a call

 or 	Ends the call
--	---------------

### Making a call

	Enter the phone number (max. 24 digits)
	Delete the last digit if incorrect
 or 	Dial the phone number

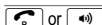
## Telephoning

### Redialling

The telephone stores the last 10 numbers dialled in a redialling list.



Open the redialling list and select an entry



Dials the number

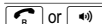
Editing phone numbers in the redialling list is identical to editing phone numbers in the calls list (see Chapter 6).

### Calling back calls received

The telephone stores the numbers of the last 30 calls received in a calls list.



Open the calls list and select an entry



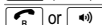
Dials the number

### Dialling numbers from the phone book

Phone numbers must have been stored in the phone book for this function; see Page 9.



Open the phone book and select an entry



Dials the number

### Internal calls<sup>1</sup>

#### Making internal calls

There must be two or more handsets (HS1, HS2, ...) registered on your base station in order to make internal calls free of charge.



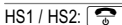
Initiate internal call and select a handset



Choose ALL HANDSETS to call all registered handsets at the same time.



Other handset answers the call



End the internal call

#### Forwarding external calls internally



Initiate internal call and select a handset



Other handset answers the internal call



Forwards the call









In case the other handset does not answer, take the external call back by pressing INT.


<sup>1</sup> Internal calls are only possible when at least two handsets are registered in the system  
see "Checking the contents of the package" on Page 3.








**Holding a call / brokering**

While a call is in progress, it is possible to dial another handset in order to consult with someone. The external caller is put on hold while you converse with the second, internal person called. You can repeat this procedure as often as required.

HS1:  ,  /  	Initiate internal call and select a handset
HS2: 	Other handset answers the internal call
HS1: 	Switch between callers



**Making conference calls**

An external call can be transferred to another internal handset for a conference call. This requires the CONFERENCE option to be enabled in the menu  Page 15.

HS1:  ,  /  	Initiate internal call and select a handset
HS2: 	Other handset answers internal call
HS1: 3 sec. 	Start conference
HS1 / HS2: 	End the conference

**Setting the receiver volume**

The volume can be adjusted to one of 5 levels during a call.



 or 	Select a volume
--	-----------------

**Displaying the duration of a call**

The duration of the call you are making is shown on the display.



**Handsfree**

This function is used to listen to the caller via the loudspeaker.

	Activate handsfree talking
	Deactivate handsfree talking



**Muting the handset microphone**

The microphone in the handset can be turned off / on while making a call.

	Turns off (mutes) the microphone
	Turns on the microphone



**Key lock**

The key lock feature prevents functions assigned to buttons being activated accidentally.

3 sec. 	Activate the key lock function
3 sec. 	Deactivate the key lock function

**Ringing melody of the handset**

The handset's ringing melody can be turned off.

3 sec. 	Switch off the ringing tone
3 sec. 	Switch on the ringing tone

## Menu Structure

### Searching for the handset (Paging)

If you have mislaid your handset, you can sound a paging tone to find it.

At the base station ,  Start the paging tone

 or  Stop the paging tone

### Switching the handset off and on






You can switch the handset off to save the batteries.

3 sec.  Switch off the handset



3 sec.  Switch on the handset

## 8 Menu Structure





### Main menu

Press  to display the main menu. Then press  /  to select an entry and  to confirm. Further information on the menu and operation:  Chapter 4.

### HS SETTINGS

HANDSET NAME	ENTER NAME 	
HANDSET TONES	RING VOLUME	LEVEL 1 - 5, OFF
	RING TONES	MELODY 1 - 7
	KEY BEEP	ON/OFF
	RANGE TONE	ON/OFF
	BATTERY TONE	ON/OFF
	CHARGE TONE	ON/OFF
LANGUAGE	ENGLISH / DEUTSCH / FRANCAIS/ ITALIANO / ESPAÑOL / NEDERLANDS	
AUTO ANSWER	ON/OFF	
VOICEMAIL	ENTER NUMBER 	

### CLOCK & ALARM

SET DATE&TIME	SET DATE 	SET TIME 
SET FORMAT	TIME FORMAT	12 HOURS
		24 HOURS
ALARM	DATE FORMAT	DD/MM / MM/DD
	OFF	
	ONCE	SET TIME 
	DAILY	SET TIME 
ALARM TONE	MELODY 1-7	
AUTO CLOCK ADJ	ON/OFF	

## BS SETTINGS

PIN CODE	PIN CODE 1	NEW PIN CODE
CONFERENCE	ON/OFF	
RESET	CONFIRM?	WAITING...

## LINE SETTINGS

COUNTRY	UK / ÉIRE / DEUTSCHLAND/ SWITZERLAND / FRANCE / BELGIUM / ITALIA / ESPAÑA/ NEDERLAND
RECALL TIME	SHORT / MEDIUM / LONG
FIRST RING	ON/OFF
DIAL MODE	TONE/PULSE

## REGISTRATION

REGISTRATION	PIN CODE 1	
UNREGISTER	PIN CODE 1	HANDSET 1 - 5

## Phone book

NEW ENTRY	ENTER NAME	ENTER NUMBER
EDIT ENTRY	ENTER NAME	ENTER NUMBER
DELETE	CONFIRM?	
DELETE ALL	CONFIRM?	

## Calls list , Redialling

COPY TO PB	ENTER NAME	ENTER NUMBER
DELETE	CONFIRM?	
DELETE ALL	CONFIRM?	

## 9 Special Functions

### Dialling mode

Your telephone supports both analogue branch exchanges (PULSE) and the new digital branch exchanges (TONE). The dialling mode is controlled via the menu. Refer to Page 15 for the sequence of menu option selections.

### First ring (FIRST RING)

If this function is enabled, your telephone will ring before the CLIP details are transferred. Refer to Page 15 for the sequence of menu option selections.


### Alarm clock

The "Alarm clock" function can be used so that you are alerted by the handset at a specific time.


<sup>1</sup> The default PIN code is "0000".

### 10 PABX Systems / Supplementary Services

#### R-functions on private branch exchanges

If your telephone is connected to a private branch exchange (PABX), functions such as call forwarding or automatic call back can be used via the  button. Refer to the operating manual provided with your private branch exchange as to which Flash time must be set in order to use these functions. The sales outlet where you purchased the exchange can provide information as to whether the telephone will work properly with the exchange. The Flash time is set using the menu. Refer to Page 15 for the sequence of menu option selections.

#### R-functions and supplementary services

Your telephone supports supplementary services provided by your telephone network provider, such as brokering or conference calls. Press the  button to use these supplementary services. Please contact your telephone network provider regarding which Flash time must be set to use the supplementary services. Also contact your telephone network provider with regard to enabling supplementary services. The Flash time is set using the menu. Refer to Page 15 for the sequence of menu option selections.



### Dialling pause

When using private branch exchanges, it is necessary to dial an access code to obtain the dialling tone for an outside line. When using some older private branch exchanges, it takes a little time before the dialling tone becomes audible. In the case of such private branch exchanges, a dialling pause can be inserted after the number for an outside line in order to continue dialling directly without having to wait for the dialling tone.

3 sec. 

Insert a dialling pause

The actual phone number is dialled a certain time after the number for an outside line.



The dialling pause can also be entered with the phone numbers in the phone book.

### Caller number display (CLIP<sup>1</sup>)



The caller number display (CLIP) is a supplementary service offered by your telephone network provider. Contact your network provider for further information.

If this function is available with your telephone line, the number of the caller appears in the display when the phone rings. If the caller has suppressed transmission of their phone number, the corresponding message appears in the display. The phone number is not displayed and, as a result, is not stored in the calls list.

### Answering machine in the telephone network

An answering machine in the telephone network is a supplementary service offered by many telephone network providers. If your telephone network provider offers an answering machine in the telephone network for you, an icon on the display informs you of new messages received (VMWI<sup>2</sup>). This function can only be used when your telephone network provider actually offers the service. Contact your network provider for further information.

<sup>1</sup> **CLIP**: Calling Line Identification Presentation = Displays the caller's phone number.

<sup>2</sup> **VMWI**: Visual Message Waiting Indication = Visual indicator that new messages have been recorded.

## Extending the Telephone System

### 11 Extending the Telephone System

The internationally approved **GAP**<sup>1</sup> standard regulates the compatibility of handsets and base stations from different manufacturers. As a result, it is possible to integrate SWITEL devices and devices from other manufacturers together in one telephone system. It is possible, however, that some functions are not available.



#### Multiple handsets

Up to 5 handsets can be registered on the base station.

#### Registering handsets

Before starting to register a handset, switch the base station to Registration mode.

5 sec.  FIND HS  Enable Registration mode

Now register the handset  Page 15. The currently valid PIN code is used for registration purposes;  Page 15.

The handset is automatically assigned an internal call number following registration. The internal call number appears in the display.



To register handsets from other manufacturers, please refer to the operating manual supplied with them.

#### Deregistering handsets



Each handset can deregister itself and other handsets registered on the base station. Following deregistration, SEARCHING... will be displayed by the deregistered handset.

Handsets are deregistered via the menu. Refer to Page 15 for the sequence of menu option selections.




<sup>1</sup> **GAP: Generic Access Profile** = Standard for the interoperation of handsets and base stations from different manufacturers.

## 12 In Case of Problems

### Service Hotline

Should problems arise with the telephone, please refer to the following information first. In the case of technical problems, you can contact our hotline service, Tel. 0900 00 1675 within Switzerland (Swisscom fees at time of going to print: CHF 2.60/min). In the case of claims under the terms of guarantee, please contact your sales outlet. There is a 2 year period of guarantee.

### Problems and solutions

Problems	Solutions
No connection to base station possible	<ul style="list-style-type: none"> <li>- Check that the handset has been registered on the base station with the correct PIN code;  Page 14.</li> </ul>
No telephone calls possible	<ul style="list-style-type: none"> <li>- The telephone is not connected properly or is defective. Only use the telephone connection cable supplied.</li> <li>- Test whether the telephone connection is in order by using another telephone.</li> <li>- The power adaptor plug is not plugged in or there is a complete power failure.</li> <li>- The rechargeable battery pack is empty or defective.</li> <li>- The handset is too far from the base station.</li> <li>- The wrong dialling mode is set;  Page 15.</li> </ul>
Connection is disturbed or cut off	<ul style="list-style-type: none"> <li>- The handset is too far from the base station.</li> <li>- The base station is in an unsuitable location.</li> </ul>
The system no longer responds	<ul style="list-style-type: none"> <li>- Reset all the functions to their default settings;  Page 14.</li> <li>- Briefly disconnect the power adapter plug from the power socket.</li> </ul>
The battery pack is empty in a short time	<ul style="list-style-type: none"> <li>- The battery pack is empty or defective.</li> <li>- Place the handset in the base station properly. Clean the contact surfaces on the handset and base station with a soft, dry cloth.</li> <li>- Place the handset in the base station for 15 hours.</li> </ul>
Caller numbers (CLIP <sup>1</sup> ) are not displayed	<ul style="list-style-type: none"> <li>- The caller number display (CLIP) is a supplementary service offered by your telephone network provider. Contact your network provider for further information.</li> <li>- The caller has suppressed the transmission of their phone number.</li> </ul>

<sup>1</sup> CLIP: Calling Line Identification Presentation = Displays the caller's phone number.

## Technical Properties

### 13 Technical Properties

#### Technical data

Feature	Value
Standard	<b>DECT<sup>1</sup>-GAP<sup>2</sup></b>
Power supply (base station)	Input: 100-240 V <sub>AC</sub> , 50/60 Hz Output: 6 V <sub>DC</sub> , 210 mA
Power supply (charging station)	Input: 100-240 V <sub>AC</sub> , 50/60 Hz Output: 6 V <sub>DC</sub> , 210 mA
Range	Outdoors: Approx. 300 m Indoors: Approx. 50 m
Standby time	Up to 120 h
Max. talk time	Up to 6 h
Rechargeable battery pack	NiMH 2.4 V 300 mAh
Dialling mode	Tone dialling mode Pulse dialling mode
Permissible ambient temperature	10°C to 30°C
Permissible relative humidity	20% to 75%

#### Declaration of Conformity

This device fulfils the requirements stipulated in the EU directive: 1999/5/EC directive on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity. Conformity with the above mentioned directive is confirmed by the CE mark on the device.

To view the complete Declaration of Conformity, please refer to the free download available on our web site at [www.switel.com](http://www.switel.com).



<sup>1</sup> **DECT**: Digital Enhanced Cordless Telecommunication = Standard for cordless telephones.

<sup>2</sup> **GAP**: Generic Access Profile = Standard for the interoperation of handsets and base stations from different manufacturers.

## 14 Maintenance / Guarantee

### Maintenance

- Clean the housing surfaces with a soft, fluff-free cloth.
- Do not use any cleaning agents or solvents.

### Guarantee

SWITEL equipment is produced and tested according to the latest production methods. The implementation of carefully chosen materials and highly developed technologies ensure trouble-free functioning and a long service life. The terms of guarantee do not apply where the cause of equipment malfunction is the fault of the telephone network operator or any interposed private branch extension system. The terms of guarantee do not apply to the batteries or power packs used in the products. The period of guarantee is 24 months from the date of purchase.

All deficiencies related to material or manufacturing errors within the period of guarantee will be redressed free of charge. Rights to claims under the terms of guarantee are annulled following tampering by the purchaser or third parties. Damage caused as the result of improper handling or operation, normal wear and tear, incorrect positioning or storage, improper connection or installation or Acts of God and other external influences are excluded from the terms of guarantee. In the case of complaints, we reserve the right to repair defective parts, replace them or replace the entire device. Replaced parts or devices become our property. Rights to compensation in the case of damage are excluded where there is no evidence of intent or gross negligence by the manufacturer.

If your device does show signs of a defect within the period of guarantee, please contact the sales outlet where you purchased the SWITEL device, producing the purchase receipt as evidence. All claims under the terms of guarantee in accordance with this agreement can only be asserted at the sales outlet. No claims under the terms of guarantee can be asserted after a period of two years from the date of purchase and hand-over of the product.

**Notes**

**Notes**

Notes

# **SWITEL**



## **Declaration of Conformity**

Diese Anlage entspricht der europäischen R&TTE Richtlinie.  
Für die komplette Konformitätserklärung nutzen Sie bitte den kostenlosen Download von unserer Website [www.switel.com](http://www.switel.com).

Cet équipement est conforme à la directive européenne R&TTE.  
Pour obtenir la déclaration de conformité intégrale, veuillez vous servir du téléchargement gratuit de notre site Internet [www.switel.com](http://www.switel.com).

Quest'apparecchiatura è conforme alla direttiva europea R&TTE.  
Per la dichiarazione di conformità completa si prega di voler usufruire del servizio gratuito di download dal nostro sito Internet [www.switel.com](http://www.switel.com).

This equipment complies with the European R&TTE directive.  
To view the complete Declaration of Conformity, please refer to the free download available at our web site: [www.switel.com](http://www.switel.com).

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## **Service Hotline**

Bei technischen Problemen können Sie sich an unsere Service-Hotline unter Tel. 0900 00 1675 innerhalb der Schweiz (Kosten Swisscom bei Drucklegung: CHF 2.60/min) wenden.

S'il s'agit de problèmes techniques, vous pouvez vous adresser à notre hotline de service en Suisse en appelant le numéro 0900 00 1675 (frais Swisscom à la date d'impression de ce manuel : CHF 2.60/min).

In caso di problemi tecnici è possibile rivolgersi alla nostra hotline di assistenza tecnica chiamando al numero 0900 00 1675 valido per la Svizzera (spese da rete Swisscom alla data di stampa: CHF 2.60 / min).

In the event of technical problems, you can contact our hotline service, Tel. 0900 00 1675 within Switzerland (cost via Swisscom at time of going to print: CHF 2.60/min).