

# **SWITEL**

**SWISS BRAND** 

Low-radiation cordless DECT/GAP telephone

## **DC 70x**



## **Operating Instructions**

**GB**

# ***SWITEL***

## **DC 70x**

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# 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.

## Batteries



**Attention:** Never throw batteries into a fire. Only use batteries of the same type! Pay attention to correct polarity! If the polarity of the batteries is incorrect, there is a risk of explosion of the charging station.

## Power failure

The telephone cannot be used to make calls in the event of a power failure. Always keep a cord connected 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.

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

## Disposal

In order to dispose of your device, bring it to a collection point provided by your local public waste authorities (e.g. recycling centre). The adjacent symbol indicates that the device must not be disposed of in normal domestic waste! 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.



**Batteries** must be disposed of at the point of sale or at the appropriate collection points provided by the public waste authorities.



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

## 2 Putting the Telephone into Operation

### Safety information



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

### Checking the package contents

The package contains:

Contents	DC 70X			
	701	702 <sup>1</sup>	703 <sup>1</sup>	704 <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
Batteries	2	4	6	8
Operating instructions	1	1	1	1

<sup>1</sup> Refer to the [www.switel.com](http://www.switel.com) web site to see if this telephone set is already available.

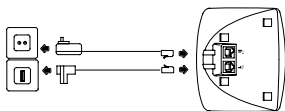
## Connecting the base station



**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 line supplied.

Mains power outlet  
Telephone line socket

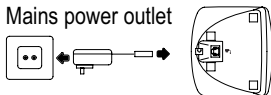


**Attention:** With regard to the base station, use the power adapter plug, model No. GTSA-075030WVY3 bearing the output data: 7,5 V, 300 mA.

## Connecting the charging station<sup>1</sup>

Connect the charging station as illustrated in the diagram. For safety reasons, only use the power adapter plug supplied.

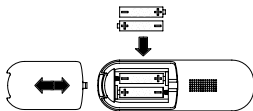
Mains power outlet



**Attention:** With regard to the charging station, use the power adapter plug, model No. GTSA-075020WVY3 bearing the output data: 7,5 V, 200 mA.

## Inserting the batteries

Insert the batteries in the open battery compartment. Only use batteries of the type AAA NiMH 1,2 V. Pay attention to correct polarity. Close the battery compartment.



<sup>1</sup> Only applies to telephone sets with at least two handsets  
☞ Section "Package contents" on Page 5.

## Charging the batteries



Before the handset is used for the first time, insert it in the base/charging station for **at least** 24 hours.

When the handset is inserted in the base/charging station properly, you will hear an acoustic confirmation 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

## Setting the display language

Select a language (cf. "Menu Structure"):



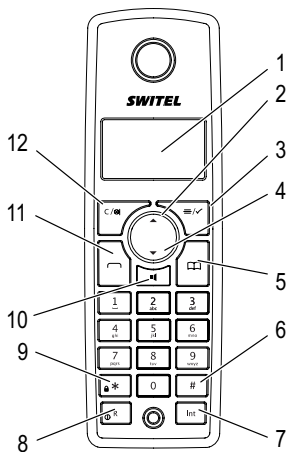
> Handset > Language >...

## 3 Operating Elements

The buttons in this operating manual are subsequently depicted with a uniform contour. Slight deviations in the appearance of the icons on the buttons compared to those depicted in this manual are possible.

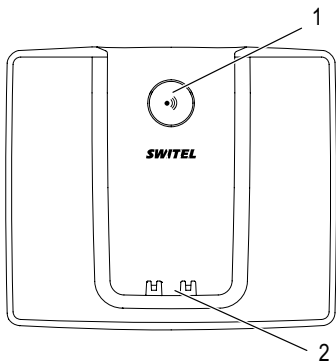
## Handset

- 1 Display
- 2 Redialling /  
Scroll upwards
- 3 Menu / OK button
- 4 Open calls log /  
Scroll downwards
- 5 Phonebook /  
Cancel process
- 6 Conference call
- 7 Internal call
- 8 R button /  
Handset on/off
- 9 Key lock
- 10 Handsfree
- 11 Take call /  
End call
- 12 Delete / Muting



## Base station

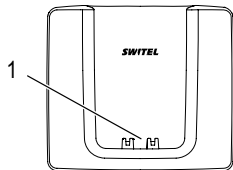
- 1 Paging button
- 2 Charge contacts





## Charging station<sup>1</sup>

- 1 Charge contacts



## Low radiation operation (ECO mode)



Default settings = ECO-MODE → OFF

The telephone can be set up so that the radiation power is reduced; ➞ Page 12.



= ECO MODE → ON.

Reductions, with ECO mode activated, in comparison to a standard DECT cordless telephone:

Both in Call mode as well as in Standby mode, the radiation is reduced considerably when ECO mode is activated as compared to standard, cordless DECT telephones.








If necessary, you can increase the range of the telephone system by switching ECO MODE off ➞ Page 12 (ECO MODE → OFF).






<sup>1</sup> Only applies to telephone sets with at least two handsets ➞ Section "Package contents" on Page 5.

## 4 Operating the Telephone


### Display and notation of operating sequences

	Enter the number
	Press the button depicted briefly
3 sec 	Press the button depicted for 3 seconds
 or 	Digits or icon in the display

### Icons in the display

Icon	Description
	Internally assigned call number of the handset
	Timer display
<b>ext</b>	External call
<b>int</b>	Internal call
	Flashing: New calls have been registered in the call log.
	The key lock is activated.
<b>MUTE</b>	The microphone is switched off (muting).
	On: The connection to the base station is good. Flashing: The connection to the base station is poor.


### Programming the basic settings

Programming the basic settings relates to adapting the various handset settings to your own personal needs. Press the  button to cancel the process. If no button is pressed over a period of 15 sec., the process is automatically terminated and none of the modifications made are saved. Proceed as follows:

## Programming the *handset*

, /, **HANDSET**, ,


Ringing volume for external calls

/, **EXT RING VOL**, , /,






**VOLUME OFF** to **VOLUME 5**, .

Ringing volume for internal calls

/, **INT RING VOL**, , /,






**VOLUME OFF** to **VOLUME 5**, .

Ringing melody for external calls

/, **EXT MELODY**, , /,







**MELODY 1** to **MELODY 10**, .

Ringing melody for internal calls





/, **INT MELODY**, , /,

**MELODY 1** to **MELODY 10**, .






Setting the language


/, **LANGUAGE**, , /, .

## Programming the *setup*

, /, **SETUP**, ,

Tone / Pulse dialling mode

/, **DIAL MODE**, , /,

**TONE DIAL** / **PULSE DIAL**, .


Flash (recall) time (Flash 1 = 90 ms, Flash 2 = 250 ms)

/, **RECALL**, , /,

**RECALL 1** / **RECALL 2**, .

Ringing volume of base

/, **BASE VOLUME**, , /,

**VOLUME OFF** to **VOLUME 5**, .

Ringing melody of base

/, BASE MELODY, , /,  
MELODY 1 to MELODY 5, .

Restoring the default settings<sup>1</sup>

/, DEFAULT, , PIN ?, , ,  
CONFIRM ?, .

## 5 Menu Structure

Open the main menu by pressing the button. Use the / buttons to move to and select an option then confirm it by pressing the button.

<b>PHONEBOOK</b>	ADD ENTRY MODIFY ENTRY DELETE ENTRY
<b>SETUP</b>	BASE VOLUME BASE MELODY DEL HANDSET PIN CODE DIAL MODE RECALL DEFAULT ECO MODE
<b>HANDSET</b>	BEEP INT RING VOL EXT RING VOL INT MELODY EXT MELODY AUTO ANSWER NAME LANGUAGE KEYLOCK

<sup>1</sup> The four-digit PIN is 0000.

<b>DATE - TIME</b>	DATE SET CLOCK SET ALARM SET
<b>REGISTER</b>	SELECT BASE REG BASE

## 6 Telephoning

All descriptions in this operating manual assume that the handset is in Standby mode.

Take a call (off-hook)	
End a call (on-hook)	
Make an external call	,  or  ,
Redial the number	,  /  ,
Dial from calls log	,  /  ,
Dial from phone number memory	,  /  ,

### Internal calls

#### Making an internal call

, e.g. .

There must be two or more handsets registered on the base station in order to make internal calls.

#### Forwarding external calls internally / Conference calls

During a call: , e.g. .












After the internal party has answered, transfer the call by pressing the button.

To start a conference call, wait for the party called to answer the internal call and then press the button.



If the handset called does not answer, take the external call back by pressing and release the button.

## Other functions

Function	Button sequence
Switch the handset on /off	5 sec  R
Key lock on	3 sec 
Key lock off	 , 
Receiver volume	 ,  / 
Ringing melody volume	 /  while phone is ringing
Muting/Activating microphone in handset	 during the call
Locate handset (paging)	 on the base station

## Muting function


After muting the microphone, the caller can no longer hear you.

## Displaying the duration of a call

The duration of a call is displayed in hours, minutes and seconds during the call.

## Registering a handset

If your handset is not registered on the base station, icons flash in the display.

To register the handset, press the  button on the base station for five seconds and then proceed as follows:

,  / , REGISTER, ,

 / , REG BASE, , BASE 1 2 3 4.

To register a handset from a different manufacturer, refer to the operating manual supplied with the respective handset. The four-digit PIN for your base station is 0000.



Up to four handsets can be registered on your base station. However, you can only activate your handset on one base station at a time.

## 7 Phonebook

Up to 50 phone numbers can be stored in the phonebook. Each entry can be customised with its own individual ringtone (10 melodies).



When the memory capacity is completely full, an existing entry must be overwritten.

### Creating phone book entries

, / , PHONEBOOK  ,  , / ,  
ADD ENTRY  ,  , NAME ? ,  , NUMBER ?  ,  
 ,  , / , MELODY 1 to MELODY 10  .

### Modifying phonebook entries

, / , PHONEBOOK  ,  , / ,  
MODIFY ENTRY  ,  , / ,  ,  ,  ,  
 , / , MELODY 1 to MELODY 10  .

## 8 Call Log

A total of 40 phone numbers are stored in a call log.



The caller number display function is an optional service offered by telephone network providers. If this service is not offered, the incoming calls are not displayed. Contact your network provider for further information.

### Displaying numbers in the call log

, / .

### Storing an entry in the call log in the phone number memory

, / , several times if necessary  , ADD ?  ,  
 , NAME ?  , confirm number  ,  
MELODY 1 to MELODY 10  .

### Deleting phone numbers from the call log

, / , **C** , DELETE ?  .

## 9 Troubleshooting

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, via landline, 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.

- No dialling tone can be heard after actuating the Off-hook button, the line is not engaged.
  - Check the telephone connection at the base station and the telephone line wall socket.
  - Check the power plug connection at the base station and the 230 V power socket.
  - The line is engaged by another handset. Wait until the connection is terminated.
- Display message *SEARCHING*.
  - Check the power plug connection at the base station and the 230 V power socket.
  - Reduce the range between handset and base station.
  - Register handset.
- Base station does not ring.
  - Ringing tone is switched off -> Switch it on.
- No indicators in the display.
  - Handset is switched off -> Switch it on.
  - Battery is empty -> Recharge it.



# 10 Technical Properties

## Technical data

Feature	Value
Standard	<b>DECT<sup>1</sup>-GAP<sup>2</sup></b>
Power supply, base station:	Input: 100-240 VAC, 50/60 Hz, 0,2 A max. Output: 7.5 V DC / 300 mA
Power supply, charging station:	Input: 100-240 VAC, 50/60 Hz, 0,2 A max. Output: 7.5 V DC / 200 mA
Range	Outdoors: Approx. 300 m Indoors: Approx. 50 m
Standby	Up to 250 h
Max. talk time	Up to 12 h
Rechargeable batteries	2 x 1,2 V, size: AAA
Dialling mode	Tone dialling mode Pulse dialling mode
Permissible ambient temperature	10 °C to 30 °C
Permissible relative humidity	20 % to 75 %
Flash (Recall) function	90 ms, 250 ms

## Declaration of Conformity

This device fulfils the requirements stipulated in the EU directive:

1999/5/EU directive on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity. Conformity is confirmed by the CE symbol on the device.



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

<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 other manufacturers.

# 11 Maintenance / Guarantee

## Maintenance

- Clean the housing surfaces with a soft, fluff-free cloth.
- Never use 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, 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 defect 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 shows signs of defect during the period of guarantee, please return it to the sales outlet in which you purchased the SWITEL device together with the purchase receipt. 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.

### **Important note**

Your phone's base station is supplied with an energy-efficient switching power supply GTSA-075030WVY3 (Input 230 V<sub>AC</sub>, Output 7.5 V<sub>DC</sub>, 300 mA). The adaptor input power without load is approx. 0.1 W. The average efficiency is approx. 67 %.

The electrical consumption of the base is:

- in operation mode (idle/call): approx. 1.4 W
- during charging of the handset: approx. 2.2 W

The charger(s) delivered with a telephone set is/are supplied with an energy-efficient switching power supply GTSA-075020WVY3 (Input 230 V<sub>AC</sub>, Output 7.5 V<sub>DC</sub>, 200 mA). The adaptor input power without load is approx. 0.1 W.

The average efficiency is approx. 67 %.

The electrical consumption of the charger is:

- without handset charging: approx. 0.1 W
- during charging of the handset: approx. 1.1 W

# **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).