

Aristel Networks Pty Ltd



C-710 DECT Feature Phone
User Guide

1. GENERAL

The C710 is a desktop DECT GAP compatible handset. The handset can be registered up to maximum of 4 different DECT GAP compatible base stations. However, only one base station can be linked at a time. Roaming is NOT available. Important note: some base station features may be unavailable because of proprietary service menus and features associated with a particular base stations.

2. INSTALLATION

2.1. Battery

Before you use the unit for the first time, you must make sure the battery are charged for at least 10 hours. If you don't do this, the telephone will not function properly.

Installation of the battery

- Plug in the battery into compartment located in the rear of the unit.

Important Note: Only use the power supply unit provided to charge the battery.

Battery indicator:

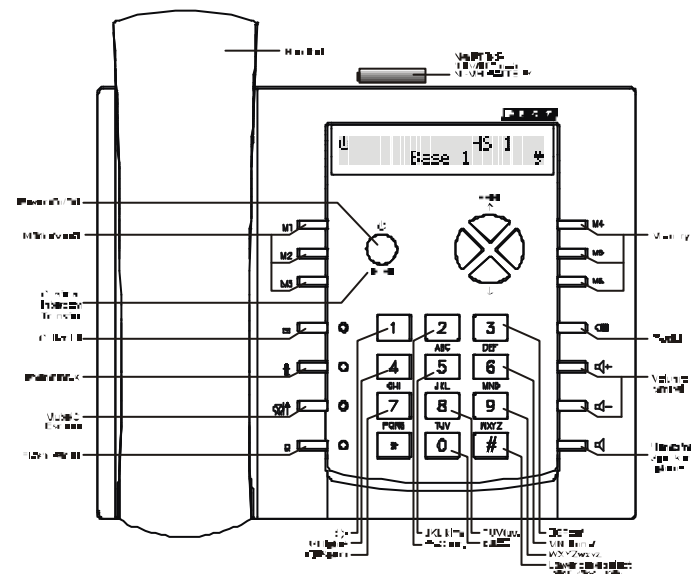
■ The battery is 25% in capacity.

□ The battery is almost empty.

When the battery is low, you will hear warning signals and the battery symbol on the display will blink.

Accessories Include :

DESK Handset (1) , Battery (1) ,Adaptor (1) , User Guide (1)



2.2. Keypad



Power On/Off



Caller ID - List the caller ID and missed call



Phone book - List the telephone number stored in phone book



Mute/Clear/Escape - Mute key (Microphone OFF in conversation), correct mistake input (Clear) or escape from programming menu and any time press 2 seconds to return to standby mode.



R (Flash/Recall) - FOR PABX TRANSFER



Speaker phone - Speaker phone on/off



Speaker volume control - Increase or decrease speaker volume



Redial/Pause key - browsing of the last three dialed telephone numbers or Insert a pause in phone book telephone number input.

M1~ M6 Memory dial - speed dial key



Up/Down key - Activate the programming menu by press **UP/DOWN** key.



INT/OK Key - Power on/off, establish internal connection or confirm function setting.

2.3. Using the menu



The phone is menu driven.

To enter the Menu, press the Menu **UP/DOWN** key and confirm selection with **INT/OK** key.

You are now able to scroll through the menu by using the **UP** and **DOWN** Key.

INT/OK key is almost every time used to confirm a setting or to enter a sub menu.

Clear key (**Erase key**) is almost every time used to return to previous menu or abort operation.

Press **Clear** key for 2 seconds to return to stand by mode.

2.4. Handset display language



You can select one of three different display languages. They are English, German and Italian.

Press **UP/DOWN** key when the unit is in standby mode..

Select **HS SETTING** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select **LANGUAGE** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select the desired language by using the **UP** and **DOWN** keys.

Press **INT/OK** to confirm.

2.5. Register this unit to a DECT GAP base station



Every new unit must be registered onto a DECT GAP base station before you can make a phone call.

To activate the DECT GAP base station's Registration Mode, please refer to base station user guide for Registration Mode activation procedures.

Press **UP/Down** key when the unit is in standby mode..

Select **REGISTER** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select **BASE No.** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm. It will display "Searching..."

Wait for 15 seconds till 11 digits RFPI No. XXXXX-XXXXXX appears

Press **INT/OK** key to confirm

Enter the Base station PIN Code. Please refer to the base station user guide for Pin Code.

Press **INT/OK** to confirm

It will be at standby mode after successful registration.

3. UNIT OPERATION

3.1. Switching the unit On/Off

To power off the unit, press and hold the **INT/OK** key for 2 seconds in the standby mode.

To power on the unit press and hold the **INT/OK** key again for 2 seconds.

When the unit is power off, no call can be received.

3.2. Making an external call

3.2.1. Direct call

Pick up the handset or press Speaker Phone key, you will hear the external dial tone.

Enter the telephone number or wait for connection

3.2.2. Pre-dialing

Enter the telephone number. If needed, you can erase digits by pressing the Erase button .

Lift the handset or press **Speaker Phone** key. The phone number will be dialed automatically.

The maximum 25 digits can be dialed.

3.3. Making an internal call

If you have more than one handset subscribed to the base station, you can make an internal call between the handsets.

Press **INT/OK** key

Press a handset No. The called handset will ring

When the called party answers, talk to the handsfree speaker phone or lift the handset to talk.

3.4. Answering an incoming phone call

When there is an incoming call, the telephone number is displayed when sent by the network (if service is available).

When the incoming call is an internal call, the display shows the calling handset No.

When it's an external call and the number is not transferred (private call),

'EXTERNAL' is displayed.

3.4.1. Answering call

To answer an incoming call, pick up the handset or press speaker phone key.

3.4.2. Transferring an call to another handset

You can transfer an internal or external call to another handset.

Answer the call.

Press **INT/OK** key and then a handset No.

Hang up the handset to disconnect the call and transfer the call to the called handset

The call has now been transferred.


3.5. Changing the speaker volume


The volume of the speaker or handset receiver can be changed via the volume control keys during conversation.

The volume can be changed in 9 levels.

3.6. Deactivating the microphone (Mute)


It is possible to deactivate the microphone during a conversation:

Press **Clear**  key to mute the microphone.

Press **Clear**  key again to activate the microphone.

3.7. Last number redial


The unit saves the three last dialed telephone numbers in the redial memory.

You can enter the Redial list by pushing  **REDIAL** key in the stand-by mode.

Scroll through the Redial memory by pushing **REDIAL** key.

When the desired number appears on the display, lift the handset.

The number will be dialed automatically.

Press **Clear**  key for 2 seconds to escape the redial list if you don't want to make a call from the list.

3.8. Calling a number out of the Caller List

The unit saves the telephone numbers of the last 10 missed calls in the caller list.

This feature is only available if the telephone number of the incoming call has been sent via the network service.

Press **UP/DOWN** key when the unit is in standby mode.

Select **CALLER ID** by using the **UP** and **DOWN** keys and press **INT/OK** key



Scroll through the Caller List by using the **UP** and **DOWN** keys.

When the desired number appears on the display, lift the handset.

The number will be dialed automatically.

3.9. Memory dial M1~ M6



There are six memory dial (speed dial) available.

Press **UP/DOWN** key when the unit is in standby mode..

Select **MEMORY DIAL** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select **MEMORY DIAL No.** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Enter number and press **INT/OK** key to confirm.

During adding, press **Clear**  key for 2 seconds to abort.

Repeat above to program other memory dial no.

3.10. Call Duration Display

When the External/Internal call is finished, the call duration will be visible for 3 seconds. The time is displayed in the following format :{mm : ss}(minutes : seconds)

3.11. Out of Range

When the unit is out of the working range of the base unit or when it's not subscribed to the base unit, it will display "Searching...".

4. Call Transfer, On Hold, Toggle and Three Party Conference

4.1. Call on hold (CH)

To put a call on hold during conversation, press **INT/OK** key.

If you want to retrieve the call on hold, press **INT/OK** key again.

4.2. Transfer External call to another handset

Make a call or after receiving incoming call, press **INT/OK** key.'

Enter the internal handset No. and hang up handset to transfer the external call.

You will be disconnected but both other callers can talk together.

4.3. Brokers Call (Toggling between an internal call and an external call)

If you place an external call on hold, you can make a call to another internal handset. You can then toggle between the first and the second call.

Put the external call on hold by pressing **INT/OK** key.

Enter the called internal handset No., when the call is connected, press **INT/OK** key (Toggle) to switch between both calls. One call will be placed on hold and you can talk to the other caller.

Note: If you hang up, your call will be disconnected and the other handset talking to the external caller along.

4.4. Three party conference call (Conf)

You can establish three party conference with the other internal caller and an external caller.

Put the external call on hold by pressing **INT/OK** key.

Enter the called internal handset No., when the call is connected, press "**#**" button for 2 sec to establish three party conference. Both handsets will start counting talking time.

Note: If during conference call you want to talk to internal caller, press **INT/OK** key. External call will be placed on hold. You can Toggle or restart conference at any time.

5. PHONEBOOK

The screen displays a grid with the text 'Key lock' on the top line and '>Phone book' on the bottom line. A cursor is positioned at the end of the second line. A small icon is visible in the bottom right corner of the grid.

5.1. Use of the alphanumeric keypad

Use the alphanumeric keypad to enter text. To select a letter, press the corresponding button. For example:

if you press numerical button '5', the first character (J) will be shown on the display. Press multiple times if you want to select another character under this button.

Press button '2' twice to select the letter 'B'. If you want to select 'A' as well as 'B', press button 'A' first, wait for 2 seconds until the cursor has moved to the next location and select then button 'B'.

Wrongly entered characters can be erased by pressing the **Clear** key. The character in front of the cursor will be erased.

Available Characters: Press the correct buttons to get the following characters:

Alphabet allocation chart

Key pressed	Once	Twice	3 times	4 times	5 times
1	1		()	-
2	A	B	C	2	,
3	D	E	F	3	:
4	G	H	I	4	+
5	J	K	L	5	%
6	M	N	O	6	/
7	P	Q	R	7	7
8	T	U	V	8	.
9	W	X	Y	9	9
0	0				
*	*				
#	#				

5.2. Adding an entry to the Phonebook

The screen displays a grid with the text '>Add' on the top line and 'Edit.' on the bottom line. A cursor is positioned at the end of the second line. A small icon is visible in the bottom right corner of the grid.

Press **UP/DOWN** key when the unit is in standby mode..

Select **PHONE BOOK** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select **ADD** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Enter the name and press **INT/OK** key to confirm.

Enter the number and press **INT/OK** key to confirm.

During adding, press **Clear** key for 2 seconds to abort.

After new entry, all entries are alphabetically sorted.

5.3. Changing a number and name from the Phonebook

The screen displays a grid with the text 'Add' on the top line and '>Edit.' on the bottom line. A cursor is positioned at the end of the second line. A small icon is visible in the bottom right corner of the grid.

Press **UP/DOWN** key when the unit is in standby mode..

Select **PHONE BOOK** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select **EDIT** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select the name and number to change by using **UP** and **DOWN** keys

Press **INT/OK** key to confirm.

Use **Clear** key to erase old entry, enter new name and press **INT/OK** key to confirm.

Use **Clear** key to erase old entry, enter new number and press **INT/OK** key to confirm.

During changing, press **Clear** key for 2 seconds to abort.

5.4 To Read Phonebook list

The screen displays a grid with the text '>Read' on the top line and 'Delete' on the bottom line. A cursor is positioned at the end of the second line. A small icon is visible in the bottom right corner of the grid.

Press **UP/DOWN** key when the unit is in standby mode.

Select **PHONE BOOK** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select **READ** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Read the phonebook list by using **UP** and **DOWN** keys

Press **Clear** key to return to standby mode.

5.5. Erasing one number and name from the Phonebook

The screen displays a grid with the text 'Read' on the top line and '>Delete' on the bottom line. A cursor is positioned at the end of the second line. A small icon is visible in the bottom right corner of the grid.

Press **UP/DOWN** key when the unit is in standby mode.

Select **PHONE BOOK** by using the **UP** and **DOWN** keys.

Press **INT/OK** to confirm.

Select **DELETE** by using the **UP** and **DOWN** keys.

Press **INT/OK** key to confirm.

Select the phonebook entry to be deleted by using **UP** and **DOWN** keys


Press **INT/OK** key to confirm

Press **INT/OK** key to confirm again

During the deleting, press **Clear** key to abort.

5.6. Erasing all numbers and name from the Phonebook

```
⏴ >Erasse all #
```

Press **UP/DOWN** key when the unit is in standby mode.
Select **PHONE BOOK** by using the **UP** and **DOWN** keys.
Press **INT/OK** to confirm.
Select **ERASE ALL** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Press **INT/OK** key to confirm again.
During the deleting, press **Clear**  key to abort

6. HANDSET SETTINGS

```
⏴ >HS setting #  
  BS setting #
```

6.1. Key lock

```
⏴ >Key lock #  
  Phone book #
```

Press **UP/DOWN** key when the unit is in standby mode.
Select **KEY LOCK** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
The display shows "**LOCKED**". The keypad is now locked.
After press **DOWN** key and **INT/OK** key, the key lock will be released.

6.2. Ringer Melody and Volume for External Calls

```
⏴ >Set Exterina #  
  Set Interina #
```

Press **UP/DOWN** key when the unit is in standby mode..
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **SET EXTRING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select the desired ringer melody by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select the desired ringer volume by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.

6.3. Ringer Melody and Volume for Internal Calls

```
⏴ Set Exterina #  
>Set Interina #
```

Press **UP/DOWN** key when the unit is in standby mode.
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **SET INTRING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select the desired ringer melody by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select the desired ringer volume by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.

6.4. Enable/disable the baby call function

```
⏏ Set Pincod
  >Baby call #
```

If you enable this function, the programmed number will be dialed automatically when pushing any keys.
All other functions of the keypad will be disabled until the setting has been cancelled.
Press **UP/DOWN** key when the unit is in standby mode..
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **BABY CALL** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Enter baby call telephone number using numeric key pad.
Press **INT/OK** key to confirm. The display will show **BABY CALL**.
Press **DOWN** key twice quickly to disable baby call.
Note: *Baby call function can not be used in handsfree speakerphone mode.*

6.5. Enable/Disable Key Tone

```
⏏ >Set keytone
  User name #
```

Press **UP/DOWN** key when the unit is in standby mode..
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **SET KEYTONE** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **ON/OFF** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm

6.6. Handset name

```
⏏ Set keytone
  >User name #
```

The name of the handset will be displayed in standby mode. If you want to enter or change this name:
Press **UP/DOWN** key when the unit is in standby mode..
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **USER NAME** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Enter or change the handset name by means of the alphanumerical keypad.
Press **INT/OK** key to confirm.

6.7. Set PIN Code

```
⏏ >Set Pincod
  Baby call #
```

To change default handset PIN code.
Press **UP/DOWN** key when the unit is in standby mode..
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **SET PINCODE** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Enter the Handset Pin Code, **HS PIN: (DEFAULT PIN = 1590)**
Press **INT/OK** to confirm.
Enter the new Pin code: **NEW PIN:**
Press **INT/OK** key to confirm.
Re-enter the new Pin code: **RETYPE:**
Press **INT/OK** key to confirm.

6.8. Auto PICKUP On/Off

```
⏏ >Auto Pickup
  Any key talk #
```

When a call comes in, a handset automatically answers the call when it is removed from charger
Press **UP/DOWN** key when the unit is in standby mode..
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **AUTO PICKUP** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **ON/OFF** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.

6.9. To Answer Call Using Anykey

```
⏏ Auto Pickup
  >Any key talk #
```

Press **UP/DOWN** key when the unit is in standby mode..
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **ANYKEY TALK** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **ON/OFF** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.

6.10. ERASE Caller List

```
Language
>Erase CID
```

Press **UP/DOWN** key when the unit is in standby mode.
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **ERASE CID** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Prompt **SURE?**
Press **INT/OK** key to confirm or **C** key to escape.

6.11. Reset

```
>Set default
```

The unit default settings are:

Display language: English
Pin Code: 1590
Phone Book: None
Redial List: Empty
Call List: Empty
Baby Call: Off
Key Click: On
Memory Dial: Empty

To reset the handset to its standard settings:

Press **UP/DOWN** key when the unit is in standby mode..
Select **HS SETTING** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
Select **SET DEFAULT** by using the **UP** and **DOWN** keys.
Press **INT/OK** key to confirm.
The display shows **ARE YOU AURE?**
Press **INT/OK** key again to confirm or **C** key to abort.

7. TECHNICAL DATA

- Standard: DECT (**D**igital **E**nhanced **C**ordless **T**elecommunications)
GAP (**G**eneric **A**ccess **P**rofile)
- Frequency range: 1880 ~ 1900 MHz (BW=20MHz)
- RF channels: 10 channels
- Channel Bandwidth: 1.728
- Modulation: GFSK
- Transmission Output Power: 10Mw
- Data Transmission Rate: 1.152 Mbps
- Speech coding: ADPCM 32 K bps
- Communication Range (max.): Outdoor 300 Meters - Indoor 50 Meters
- Power Supply:
INPUT 230 VAC 50Hz
OUTPUT DC 9V 350mA
- Operating Time: Standby 100 Hours - Talk: 10 Hours
- Operating Temperature: 0°C to 40°C
- Storage Temperature: 0°C to 40°C