

# D81CH

## Quick Reference Manual



### 1. Minimum Requirements

- Telephone connection (for making telephone calls)
- AC power connection
- Broadband Internet access (cable/DSL for accessing D81CH features)

### 2. Parts Checklist

The package includes the following:

- 1 Quick Reference Manual
- 2 Handset
- 3 Three pieces of AAA NiMH Battery
- 4 Charger Cradle
- 5 USB Cable
- 6 Power Adapter

### 3. Specifications

#### Standard

DECT 6.0 (Digital Enhanced Cordless Telecommunications),  
GAP (Generic Access Profile)

#### Number of channels

5 channels

#### Frequency range

1921.536 MHz to 1928.488MHz

#### Channel spacing

1,728 kHz

#### LCD

2.0" Color LCD with 176 x 220 pixels

#### Power source

**Input:** 120 VAC, 60 Hz

**Output:** 5VDC 500mA

#### Power consumption

**Standby:** 1.0W (approx)

**Maximum:** 4.5 W (approx.)

#### Dimension

**Handset:** 50mm x 150mm x 2.5mm

**Charger:** 65mm x 70mm x 30mm

#### Operating conditions

#### Temperature

5 °C–40 °C (41 °F–104 °F),

**Relative humidity (dry)**

20%–80%

## 4. D81CH Handset Layout

- 1 **Earphone**  
Audio output
- 2 **Alert bar**  
LED indication for incoming /intercom call, pages or messages
- 3 **Left Softkey (LSK)**  
Select the function displayed on the lower left of the screen.
- 4 **Speaker**  
Turns the speaker on or off.
- 5 **Talk**  
Activates phone with a dial tone
- 6 **\*/ shift Key**  
Dial a \* (star) during calls or toggles between uppercase, lowercase and numeric modes during text entry
- 7 **Microphone**  
Selects the function displayed on the lower right of the screen.  
Audio input
- 8 **# Key**  
Dial a # (pound) during calls, and enters space during text entry
- 9 **Keypad**  
Use for dialing phone numbers and entering text.
- 10 **Phone Off**  
Ends a currently active call or returns screen to Home screen
- 11 **Back**  
Press quickly to go back one level.



- 12 **Right soft key (RSK)**  
Selects the function displayed on the lower right of the screen.
- 13 **Navigation Keys**  
[UP][Down][Left][Right] Navigate menu screens and position the cursor during text entry (Pressing the center button to open the selected item)
- 14 **Screen**  
Handset display.

## 5. Installing the Handset

### Install the handset

1. Plug the provided USB cable into the handset charger and connect the other USB end to the adapter.
2. Plug the power adapter to an electrical outlet.
3. Insert the battery with the correct polarity into the handset.
4. Close the battery door.
5. Place the handset on the charger for charging. (It is recommended that you charge the handset for 16 hours before first use.)
6. Charge the batteries before the first use and whenever you see the “low battery indication.”

### Power On

1. Press the **Phone Off** key for at least five seconds to turn on the handset.
2. Once the handset has successfully established a link to the base, the handset number assigned by the base will appear on the top left corner of the handset display.

### Power Off

1. Press the **Phone Off** for three seconds until an alert tone is heard.
2. Press the **Phone Off** continuously to generate a second alert tone. You’ll be prompted to confirm the Power Off sequence.
3. Press the **Yes** Softkey to turn off the handset.

### Handset Registration

1. For an unregistered handset, press the **Register** Softkey to begin the handset registration process.
2. Press the **Yes** Softkey to confirm the registration.
3. The handset will display “Please press the registration key on the base”. Follow the instruction and press the registration key on the phone base.

### Alternative method

1. Enter the **Menu Settings**.
2. From the **Menu Settings**, select **Phone Settings**.
3. From the **Phone Settings**, select **Registration**.
4. Press the **Yes** Softkey to confirm registration.
5. The handset will display “Please press the registration key on the base”. Follow the instructions and press the registration key on the phone base.

Once the registration is successful, the handset number assigned by the base will appear in the top left corner of the handset display.

## 6. Menu Operation

Main Menu	Sub - Menu	Description
<b>Call Log</b>	Missed Calls Answered Calls Dialed Calls All Calls	The Call log is provided by the base. The <b>Call, Delete, Save number</b> and <b>Delete All</b> functions are available for the Call Log
<b>Phone Settings</b>	Time Alarm Sound Settings Register Handset De-Register Handset Handset Settings Factory Reset	Enables customization of the handset. Press the [Up] and [Down] Navigation keys to navigate, then press <b>Select</b> or the <b>Center</b> key to confirm a selection.

### Phone Settings

Press the [Up] or [Down] Navigation keys to go to the Phone Settings menu.  
Press the **Select** Softkey or [Center] key to select a setting.  
Press the **Back** Softkey to return to the pervious menu.

### Setting Time

Press the [Up] or [Down] Navigation keys to go to the following settings

Time Display Option: 12 hours / 24 hours  
Hour and Minutes:  
AM/PM (can only be set if the Time Display Option is set to 12 hours)

### Register Handset

Follow the instruction displayed on the handset screen to register the handset.

### De Register Handset

Follow the instruction displayed on the handset screen to de-register the handset.

### Alarm

Press the [Up] or [Down] Navigation keys to go to the following Alarm settings  
Press the [Center] key or **Select** Softkey to set the designated item.

Alarm: On/Off  
Time: To set the desired alarm time  
Snooze: Off, Every 5 min, 10 min, 15 min and 30 min  
Freq: Once / Daily  
Alarm Melody: 15 melodies  
Weekdays only: On/Off

### Sound Settings

Press the [Up] or [Down] Navigation keys to go to the followings sound settings.  
Press the [Center] key or **Select** Softkey to set the designated item.

Ring Tone: 15 Melodies  
Ring Tone – Intercom: 15 Melodies  
Ring Volume: Off, Level 1 to Level 5  
Keypad Tone: On / Off  
Low Battery: On /Off  
Out of Range: On /Off  
Notifications: On / Off

### Handset Settings

Press the [Up] or [Down] Navigation keys to go to the following Handset settings.

Press the [Center] key or **Select** Softkey to set the designated item.

Backlight Timer: 30sec, 1 min, 2 min, 5 min  
Screen Saver: Off / Clock / Image  
Visual Alerts: Enable / Disable  
Brightness: Level 1 to Level 5  
Auto Talk: On / Off

## 7. Telephone Operation

### Making an Outgoing Call

- Dial the number and press the **Talk**, **Speaker** or **Call** Softkeys.
- Alternately, press the **Talk** or **Speaker** keys first, and then dial the number.

### Answering an Incoming Call

Press the **Talk** or **Speaker** key on a ringing handset to answer the call.

### Making an Intercom Call

A handset can communicate other handsets that are registered to the same base.

- Dial the number of desired handset number (1 to 10) and press the **Intercom** Softkey. The target handset will be ring.
- Press the **Talk** or **Speaker** keys on the ringing handset to answer the intercom call.

### Adjusting the Earpiece / Speaker Volume

During a call, press the [Up] or [Down] Navigation keys to increase or decrease the Earpiece/Speaker Volume. There are four (1 to 4) volume levels.

### Mute

During a call, press the **MUTE** Softkey to turn off the microphone. The person on the other side of the call will not hear anything. Press the **Un-Mute** Softkey to turn on the microphone again.

### Page (Handset Locator)

Press the **Page** key on the base to ring all registered handsets. Press the **Page** key again to stop the ringing on all handsets. To stop the ringing on an individual handset, press the **Phone Off** key or End Softkey on the handset.

## 8. Service Registration

To register the phone with your service provider and to access all of the features offered by the provider, follow the registration instructions displayed on the handset. These screens will be provided only during the phone registration.

If you have any problems during the service registration, call your service provider for assistance.

To register for an individual feature, follow the displayed screens during the registration of that specific feature.

## Federal Communications Commission (FCC)

### FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the requirement for a Class B digital device, pursuant to Part 15 of the FCC Rules. These requirements are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.

– Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

### FCC RF Exposure Warning:

The installation of the base unit should allow at least 20 cm (8 inches) between the base and persons to be in compliance with FCC RF exposure guidelines. For body worn operation, the handset has been tested and meets FCC RF exposure guidelines.

This device must not be co-located or operating in conjunction with any other antenna or transmitter. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Safety Instructions

When using the handset, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read all instructions
2. Follow all warnings and instructions marked on the product.
3. Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a moist cloth for cleaning.
4. Do not use the product near water, for example near a bathtub, wash bowl, kitchen sink, etc.
5. Do not cover slots and openings on the product. They are provided for ventilation and protection against overheating. Never place the product near radiators, or in a place where proper ventilation is not provided.
6. Use only the power source marked on the product. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
7. Do not use the product to report a gas leak in the vicinity of the leak.

**SAVE THESE INSTRUCTION**

## Warning

To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.

If the product emits smoke, an abnormal smell, or makes an unusual noise unplug the product from power outlets. These conditions can cause fire or electric shock. Confirm that the phone has stopped emitting smoke and call your telephone company help desk.

Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use.

Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.

Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.

Regularly remove any dust, etc. from the AC adaptor/power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.

Do not excessively pull the receiver cord from the base unit. This may cause the base unit to fall, resulting in injury.

## **Caution Installation**

Do not touch the plug with wet hands.

Do not install telephone wiring during a lightning storm.

Do not install telephone line jacks in wet locations.

Do not touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

Use caution when installing or modifying telephone lines. The AC adaptor is used as the main disconnect device.

Ensure that the AC outlet is installed near the product and is easily accessible.

## **Battery**

To reduce the risk of fire or injury to persons, read and follow these instructions.

Only use the battery specified.

Do not dispose of the battery in a fire, as they may explode. Check with local waste management codes for special disposal instructions.

Do not open or mutilate the battery. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.

Exercise care when handling the battery.

Do not allow conductive materials such as rings, bracelets or keys to touch the battery, otherwise a short circuit may cause the battery and/or the conductive material to overheat and cause burns.

Charge the battery provided with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.

## **For Best Performance Avoiding noise**

The base unit and other compatible units use radio waves to communicate with each other.

For maximum coverage and noise-free communications, place your base unit:

- at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
- away from electronic appliances such as TVs, radios, personal computers, wireless devices or other phones.
- avoid facing radio frequency transmitters, such as external antennas of mobile phone cell stations (avoid putting the base unit on a bay window or near a window).

Coverage and voice quality depends on the local environmental conditions. If the reception for a base unit location is not satisfactory, move the base unit to another location for better reception.

## **Environment**

Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.

The product should be kept free from excessive smoke, dust, high temperature, and vibration.

The product should not be exposed to direct sunlight.

Do not place heavy objects on top of the product.

When you leave the product unused for a long period of time, unplug the product from the power outlet.

The product should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 5 °C (41 °F) or greater than 40°C (104 °F). Damp basements should also be avoided.

The maximum calling distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.

Operating the product near electrical appliances may cause interference. Move away from the electrical appliances.