Kingtel

KT-6450D/D6

DECT / DECT6.0 Big Button Emergency Phone

+ Portable Talking Pendant

Declaration of conformity

Hereby, KINGTEL Corp. declares that this KT-6450D product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at http://www.kingtel.com.tw.

Disclaimer and limitation of liability

KINGTEL Corp. and its affiliates or licensees assume no responsibility for any damage or loss resulting from the use of this guide. KINGTEL Corp. and its affiliates or licensees assume no responsibility for any loss or claims by third parties that may arise through the use of this software. KINGTEL Corp. and its affiliates or licensees assume no responsibility for any damage or loss caused by deletion of data as a result of malfunction, dead battery, or repairs. Be sure to make backup copies of all important data on other media to protect against data loss.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, UNDER NO CIRCUMSTANCES SHALL KINGTEL CORP. OR ANY OF ITS AFFILIATES OR LICENSEES BE RESPONSIBLE FOR ANY LOSS OF DATA OR INCOME OR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES HOWSOEVER CAUSED. THE CONTENTS OF THIS DOCUMENT ARE PROVIDED "AS IS." EXCEPT AS REQUIRED BY APPLICABLE LAW, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY, OR CONTENTS OF THIS DOCUMENT. KINGTEL CORP. RESERVES THE RIGHT TO REVISE THIS DOCUMENT OR WITHDRAW IT AT ANY TIME WITHOUT PRIOR NOTICE.

FCC Notice

Your unit may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The Federal Communications Commission (FCC) of the United States can require you to stop using your phone if such interference cannot be eliminated. If you require assistance, contact your local service facility. 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. Any changes or modifications not expressly approved by KINGTEL Corp. could void the user's authority to operate this device.

FCC INFORMATION

Part 68 is a Federal regulation which requires equipment to be tested and registered with the FCC prior to its connection to the network. This equipment complies with Part 68 of FCC rules. On the bottom of the telephone is a label that contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The **Ringer Equivalence Number**, which is used to determine the number of devices you may connect to your phone line, indicates the amount of power that your telephone draws from the telephone company line during ringing. If you have more than one telephone (or other terminal device) connected to the telephone company line, you should total the ringer equivalence numbers (REN s), and be sure that the total is not more than five. Your telephones may not ring if the total is more than five. Also, in some rural locations, your telephone may not ring if the REN total is more than three.

RESTRICTIONS You must not connect your telephone to coin-operated lines or party lines.

INSTALLATION This model telephone must be connected to the telephone company lines through a modular jack. The required USOC for the modular jack is RJ11C for desk mounting and RJ11W for wall mounting. The USOC number is printed on the label on the bottom of your telephone.

HEARING-AID COMPATIBILITY The handset on your telephone will work with magnetically-coupled hearing aids. You can use a hearing aid equipped with a T (Telephone) switch.

IN CASE OF TROUBLE If your telephone should cause problems on the telephone line, the telephone company can temporarily disconnect your service. The telephone company must then notify and allow you to correct the problem.
The telephone company may from time to time change its lines or equipment. They must notify you if planned changes will affect your telephone service, to allow you to take steps to prevent interruptions.

Part 15 regulates the electromagnetic energy emitted by equipment to minimize interference to radio, television, and other wireless devices. This telephone complies with Part 15 of the FCC Rules. In the unlikely event that interference occurs, move the telephone and/or radio, television, etc. to increase the separation distance.

The installation of the base unit should allow at least 20 centimeter between the base and persons to be in compliance with FCC RF exposure guidelines. For body worn operation, the portable part (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.

IC Information

This product meets the applicable Industry Canada technical specification.

1. The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements documents(s). The department does not guarantee the equipment will operate to the user's satisfaction.

2. Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

3. Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

4. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.
Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

5. The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the ringer equivalence Numbers of all the devices does not exceed 5.

Important Safety Instructions

Always follow basic safety precautions when using your telephone to reduce the risk of fire, electrical shock and injury.

1. Read and understand all instructions.

2. Follow all warnings and instructions marked on the product.

3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be damaged by persons walking on it.

9. Do not overload wall outlet extension cords, as this can result in the risk of fire or electric shock.

10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on this product.

11. To reduce the risk of electric shock, do not disassemble this product. Instead, when some repair work is required, take the unit to a qualified technician. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

    a. When the power supply cord or plug is damaged or frayed.

    b. If liquid has been spilled into the product.

    c. If the product has been exposed to rain or water.

    d. If the product does not operate normally by following the operating 6 instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require

extensive work by a qualified technician to restore the product to normal operation.

e. If the product has been dropped or cabinet has be damaged.

f. If the product exhibits a distinct change in performance.

13. Avoid using a telephone during an electrical storm. There may be a risk of electrical shock from lightning.

14. Do not use the telephone to report a gas leak in the vicinity of the leak.

15. Plug the power adaptor into an electrical outlet that is near the equipment and easily accessible.

Safety Instructions for Handset Battery Pack

CAUTION:

There is a danger of explosion if the batteries are incorrectly replaced. Use only approved batteries in the handset of your telephone. To reduce the risk of fire or injury, be careful not to short the batteries with conducting materials such as rings, bracelets, and keys. The batteries or conducting material may overheat and cause burns.

BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY

1. Do not dispose of the batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

2. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

3. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.

4. Charge the batteries only in accordance with the instructions and limitations specified in this manual.

5. Observe proper polarity orientation for the batteries as marked in the telephone.

6. Do not mix old and new batteries.

7. Do not mix batteries of different sizes or from different manufacturers.

DESCRIPTION

KT-6450D is specifically designed for minimizing the negative impact of people who stay alone. The product provides exceptional security mechanism in emergent cases that pre-programmed telephone numbers are dialed automatically in sequence through one touch of SOS button on portable pendant, and pre-recorded alert message is played once the call is answered, thus to prevent undesired emergencies from happening in advance.

PRODUCT FEATURES

Base

- DECT/DECT 6.0 technology with interference free communication
- Adjustable amplified corded handset volume up to 20dB Gain for comfortable listening
- 3 emergency one-touch keys
- 10 alarms serve for medication reminder

Pendant

- Maximum 4 portable talking pendant per base
- Water-resistance design
- Hearing aid compatible
- Press SOS key, up to 10 preset numbers will be dialed in sequence
- Low battery indication & warning tone
- Outdoor range up to 200m
- Auto standby up to 200 hrs; talking up to 8 hrs
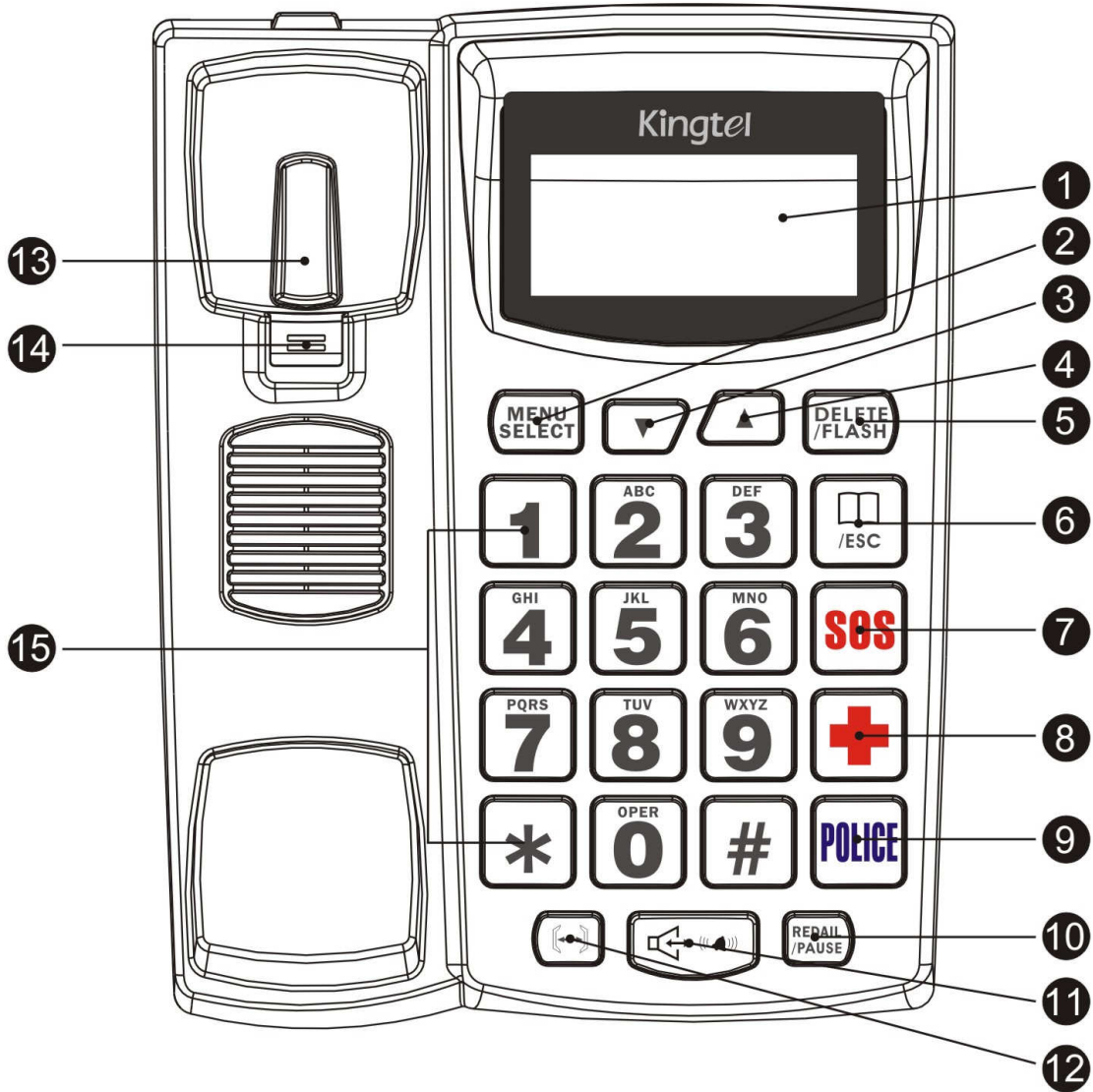
PRODUCT SPECIFICATION

Telephone

- 5 adjustable Handset volume level
- 5 adjustable Speaker volume level
- 5 adjustable Ringer volume level & off
- 10 dialed numbers review & redial
- 80 phonebook entries, 12 characters for each name, 24 digits for each number
- On-hook pre-dial and dial number editing
- Flash time (100/300/600/1000ms) adjustable
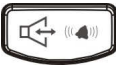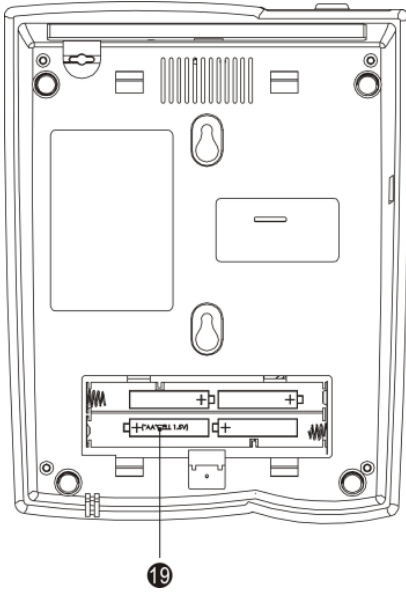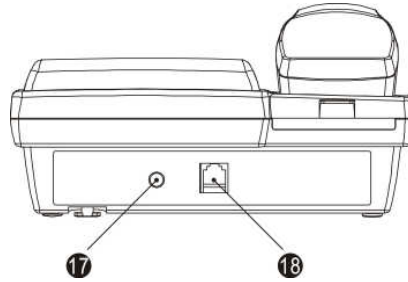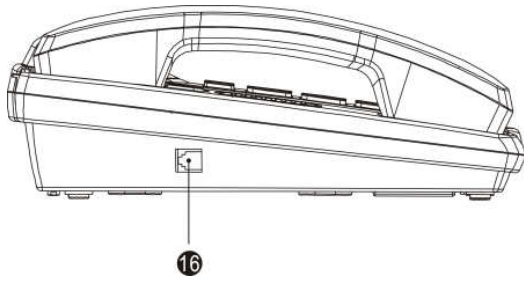- Adjustable receiving tone (optional)

Caller ID

- FSK/DTMF
- Call waiting caller ID
- Backlight LCD display
- LCD 3 lines display: 1 line icon, 1 line 5*7 Dot Matrix of 12 characters, 1 line 16 digits of 7-segment
- 5 adjustable LCD contract level
- 100 Caller ID memories for incoming/missed calls
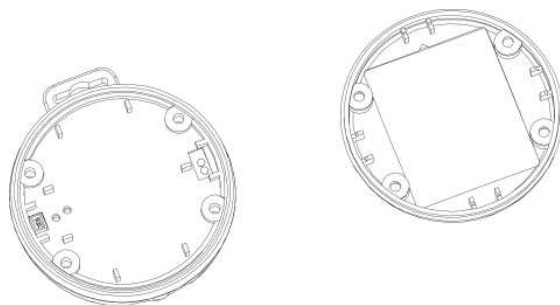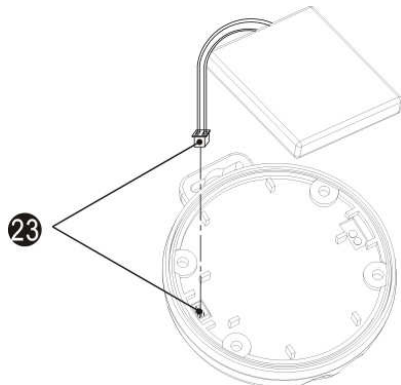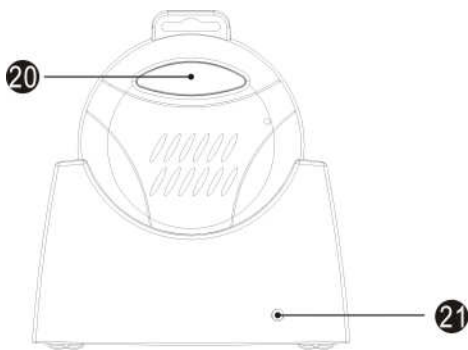
KT-6450D

Telephone Part Identification

1	LCD Display	Display phone number, date, time and other information
2	MENU / SELECT	Press to access main menu (on-hook / off-hook mode)
		Press to enter sub-menus (on setting mode)
		Press to confirm setting (on setting mode)
3	▼	Press to show received calls (on-hook mode)
		Press to turn volume down (off-hook mode)
		Press to turn volume down (speakerphone mode)
		Navigation key
4	▲	Press to show missed calls (on-hook mode)
		Press to turn volume up (off-hook mode)
		Press to turn volume up (off-hook mode)
		Navigation key
5	DELETE / FLASH	Press to delete the incorrect number when dialing (on-hook / off-hook mode)
		Press to clear/delete character or digit when editing contact information (on setting mode)
		For PBX (speakerphone mode)
6	Phonebook / ESC	Press to enter the phone book operation
		Press to return to upper menu
7	**SOS**	Press to trigger SOS function
8	＋	Press to contact local hospital (Service varies depend on service provider)
9	**POLICE**	Press to contact local police office (Service varies depend on service provider)
10	REDIAL / PAUSE	Press to review outgoing numbers (on-hook mode)
		Press to dial last dialed number (off-hook mode)
		Press to dial last dialed number (speakerphone mode)
11		Press to activate or deactivate speakerphone
		The light blinks when there is an incoming call
12		Press to enable intercom and conference call
		Press to page the pendant
13	Hook On / Off Switch	Press to end / start the a call
14	Wall Mounting Hook	Turn 180 degree to hang up the handset when the unit is mounted on the wall
15	Dialing key (0-9, ＊, ＃)	Dial numbers and extensions

16	Handset cord jack
17	Power line jack
18	Telephone line jack
19	Battery compartment
20	SOS key
21	In charging light
22	Power line jack
23	Battery connector
24	Battery cover of pendant

Menu setting

During standby mode, press **MENU/SELECT** key to enter the menu setting, and there are totally six (6) sub-menus as below:

1) **CALL LOG**
2) **PHONE BOOK**
3) **BS SETTINGS**
4) **PENDT SETUP**
5) **SOS SETTINGS**
6) **AUTO ANSWER**
7) **REGISTRATION**

Press ▲ or ▼ key to select one of the above items & press **MENU/SELECT** key again to enter/confirm the selected item. Details of each item are shown in next parts.

CALL LOG

The first menu is CALL LOG.

There are two items in this menu, RECEIVED calls and DIALED calls

- Using ▲ or ▼ key to select.
- Press **MENU/SELECT** key to enter received call list or dialed call list.
- The LCD shows the last record. If no entries are available in the list, empty will be shown on the LCD.
- Press ▲ or ▼ key once to view other record.

   Press **MENU/SELECT** key when record is shown and you can access:

   ADD TO PB: This allows the user to add the entry from the caller list to the phonebook

   DELETE: This allows the user to delete the currently selected entry from caller list

   DELETE ALL: This allows the user to delete all entries in the caller list

Press ▲ or ▼ key to choose among 3 activities and press **MENU/SELECT** key to confirm.

PHONEBOOK

The memory capacity of phone book for contact information is 80 that contain name and phone number. Each name has maximum 12 characters and each number has maximum 24 digits.

LIST

This function allows the user to review the phonebook list and make a call directly from the phonebook list.

- Press **MENU/SELECT** key.
- Using ▲ or ▼ key and select PHONE BOOK.
- Press **MENU/SELECT** key to enter.
- Then LCD shows: LIST

* The function allows the user to review the phone book list by using ▲ or ▼ key. The LCD shows empty if no contact information in phone book

NEW ENTRY

This function allows the user to add a new entry to the phonebook.

- Press ▲ or ▼ key and select "NEW ENTRY" item.

* The display shows blinking "_", enter name by using the alphanumeric keys.

** If you input incorrect character, press **DELETE/FLASH** key to correct.

*** Press **MENU/SELECT** key to confirm.

- Enter the number and select the melody to be stored & press **MENU/SELECT** key for confirmation, a sound will be heard once the setting succeeds.

Note 1: If the phonebook capacity is full and more contact information is added, a message will be presented to the user on LCD as "MEM IS FULL".

Note 2: In special melody for specific number, the melody will be heard only in the second ring. (First ring will be normal and from the second ring of this number, there will be the special ring selected for this number)

EDIT RECORD

This function allows the user to modify a stored phonebook record.

■ Press ▲ or ▼ key and select "EDIT RECORD" item.

* Press **MENU/SELECT** key to enter, the first record in the phone book will be displayed.

** Press ▲ or ▼ to select the desired stored record which you want to edit.

*** Press **MENU/SELECT** key to enter for editing.

**** Press ▲ or ▼ or **MEMU/SELECT** key to edit.

***** Once a stored record has been selected, the user has the option to edit each of the names/number and or change the melody as well.

■ Press **MENU/SELECT** key to confirm the changes, a sound will be heard once the setting succeeds.

DEL RECORD

This function allows the user to delete a stored phonebook entry.

■ Press ▲ or ▼ key and select "DEL RECORD" item.

■ Press **MENU/SELECT** key to enter, and using ▲ or ▼ to select the desired stored record which you want to delete.

■ Press **MENU/SELECT** key to enter for deleting.

■ Press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeeds.

DELETE ALL

This function allows the user to delete all stored phonebook entries.

■ Press ▲ or ▼ key and select "DELETE ALL" item.

■ Press **MENU/SELECT** key to enter for deleting all entries.

■ Press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeed.

MEM STATUS

This function allows the user to check phone book memory capacity

■ Press **MENU/SELECT** key to enter for viewing "MEM Status" item.

* If shows 10/80, it means there are 10 out of 80 records stored in phone book.

BS SETTINGS

Combination is needed to enter BS setting; the default combination is "0000"

The user is able to change the base setting.

■ Pressing **MENU/SELECT** key and using ▲ or ▼ key to select "BS SETTINGS" item.

■ Press **MENU/SELECT** key to enter.

RING SETUP

The user is able to change the base ringer for internal calls and External calls.

There are totally 6 ring melodies and 6 volume levels **(Exp: volume 1, 2, 3, 4, 5, off).**

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "RING SETUP" item.

■ Press **MENU/SELECT** key to enter.

■ Press ▲ or ▼ key and select the INT RING or EXT RING setup.

■ Press **MENU/SELECT** key to confirm.

■ Press ▲ or ▼ key and select MELODY or VOLUME setup.

■ After select, press **MENU/SELECT** key to confirm.

■ Press ▲ or ▼ key and select the desired melody, the corresponding melody sound can be heard with the selection.

■ After selecting desired VOLUME, press **MENU/SELECT** key to confirm.

■ Press ▲ or ▼ key and select desired ringer volume 1-5, off, the corresponding volume sound can be heard.

■ Press **MENU/SELECT** key to confirm your selection before exit, a sound will be heard once the setting succeed.

DIAL MODE

The user can select to change the dialing mode in base XXX.

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "DIAL MODE" item.

■ Press **MENU/SELECT** key to enter.

■ Press ▲ or ▼ key to select TONE or PULSE as dial mode.

■ Press **MENU/SELECT** key to confirm your selection before exit, a sound will be heard once the setting succeed.

FLASH TIME

The user can change the flash time (100ms, 300ms, 600ms and 1000ms).

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "FLASH TIME" item.

■ Press **MENU/SELECT** key to enter.

■ Press ▲ or ▼ key to select the 100ms, 300ms, 600ms and 1000ms.

■ Press **MENU/SELECT** key to confirm your selection before exit, a sound will be heard once the setting succeeds.

ALARM

The user can set up 10 alarms as medication reminder

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "ALARM" item.

■ Press **MENU/SELECT** key to enter.

■ Press ▲ or ▼ key to select Alarm 1-10, and select "ON" or "OFF".

■ Press **MENU/SELECT** key to set up the time before exit, a sound will be heard once the setting succeed.

KEY TONE

The user is able to change the BASE key tone.

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "KEY TONE" item.

■ Press **MENU/SELECT** key to enter.

■ Press ▲ or ▼ key and select the "ON" or "OFF" to enable/disable the sounding of the beep respectively.

■ Press **MENU/SELECT** key to confirm your selection before exit, a sound will be heard once the setting succeed.

LANGUAGE

The base unit supports 8 languages.

English, Dutch，French, German, Spanish, Italian, Danish, Svenska

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "LANGUAGE" item.

■ Press **MENU/SELECT** key to enter. English is displayed in first row of language list.

■ Press ▲ or ▼ key to select the language. Each language displays in its own native translation

■ Press **MENU/SELECT** key to confirm your selection before exit, a sound will be heard once the setting succeed.

DATE & TIME

The user is able to set the date and time on the BASE,

■　　　　Press **MENU/SELECT** key and using ▲　or ▼ key to select "DATE & TIME",

■　　　　Press **MENU/SELECT** key to enter.

■　　　　The last two digits of the Year are blinking on LCD showing as "20_ _".

■　　　　Press ▲ or ▼ key and enter the desired year.

■　　　　Press **MENU/SELECT** key to confirm.

■　　　　Then DATE & TIME will show on the LCD, enter the desired DATE/TIME by ▲

　　　　　or ▼ key when it blinks on the corresponding position.

■　　　　The setting will be saved after pressing **MENU/SELECT** key, a sound will be heard

　　　　　once the setting succeed.

Note: The time and date will be automatically set when the first Caller ID message is received

and it depends on the service local telecom provides.

MODIFY PIN

This function allows the user to modify pin code for entering the menu.

The factory default code is a 4 digit code (0000)

■　　　　Press **MENU/SELECT** key, then using ▲ or ▼ key to select "MODIFY PIN" item.

■　　　　Press **MENU/SELECT** key to enter.

■　　　　The user will be prompted to enter the current pin code.

■　　　　Press **MENU/SELECT** key to confirm.

■　　　　The user will be prompted to enter new pin code

■　　　　Press **MENU/SELECT** key to confirm.

■　　　　The user will be prompted to repeat the new pin code.

■　　　　Press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeed.

BS DEFAULT

This function allows the user to restore the base setting to the factory default.

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "BS DEFAULT" item.

■ Press **MENU/SELECT** key to enter.

■ The user will be prompted to press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeeds. (It takes 3 seconds to make a default setting succeed, when the unit will also go off and on during this time).

DEL PENDT

This function allows the user to delete a pendant registration from the base.

If the pendant has been deregistered, it doesn't work and need to register with the base again.

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "DEL PENDT" item.

■ Press **MENU/SELECT** key to enter.

■ Press ▲ or ▼ key will scroll the pendant names list up and down, select the pendant you want to deregister.

■ Press **MENU/SELECT** key to confirm. The pendant will be deleted from the registration list of base, and the pendant starts sounding out of range warning tone.

PENDANT SETUP

Combination is needed to enter BS setting; the default combination is "0000"

The user is able to change the settings of pendant to their own preferences.

■ Pressing the **MENU/SELECT** key and using ▲ or ▼ key to select "PENDT SETUP" item.

■ Press **MENU/SELECT** key to enter.

■ The LCD will show the registered pendant. Example: PENDT1.

■ Press **MENU/SELECT** key to confirm.

INT RING

The user is able to change the pendant ring tone for internal call. There are 6 ring melodies and 6 volume levels (For volume 1, 2, 3, 4, 5 & OFF).

- Press **MENU/SELECT** key, LCD shows "INT RING" item.
- Press **MENU/SELECT** key to enter.
- Press ▲ or ▼ key and select MELODY or VOLUME setup.
- After select MELODY, press **MENU/SELECT** key to enter.
- Press ▲ or ▼ key to select desired melody.
- Press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeed.
- If VOLUME is selected, press **MENU/SELECT** key to enter.
- Press ▲ or ▼ key to select desired ringer volume 1-5, if you want to switch off volume, then select "OFF",
- Press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeed.

EXT RING

Kindly follow the same instructions of internal ring (as above).

AUDIO SETUP

The user is able to set the pendant audio settings.

- Press **MENU/SELECT** key, then using ▲ or ▼ key to select "AUDIO SETUP" item.
- Press **MENU/SELECT** key to enter.
- Press ▲ or ▼ key to select "SPK VOLUME".
- Press ▲ or ▼ key to select desired volume 1-5.
- Press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeeds.

SOS SETTINGS

Combination is needed to enter BS setting; the default combination is "0000"

The user is able to change SOS settings.

- Press **MENU/SELECT** key and use ▲ or ▼ key to select "SOS SETTINGS" item/
- Press **MENU/SELECT** key to enter.
- Press ▲ or ▼ key to select the sequence of SOS number that is to be stored as form "SOS NUMBER 1" to "SOS NUMBER 10".
- Press **MENU/SELECT** key to confirm.
- Enter the SOS number to be stored by using the alphanumeric keys
- Press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeeds

AUTO ANSWER

Combination is needed to enter BS setting; the default combination is "0000"

The user is able to set 5 sets of auto answer numbers.

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "NUMBER" item.

■ Press **MENU/SELECT** key to enter.

■ Enter the number to be stored by using the alphanumeric keys

■ Press **MENU/SELECT** key to confirm, a sound will be heard once the setting succeeds.

REGISTRATION

This function allows the user to register a pendant to a specified base.

■ Press **MENU/SELECT** key, then using ▲ or ▼ key to select "REGISTRATION" item.

■ Press **MENU/SELECT** key to confirm, "SEARCHING'' will flash on the display.

■ Press and hold the red button on the pendant for **7 seconds**.
   The white light on pendant will flash during registration

■ If the base is found, and the pendant is successfully registered, a tone will sound, white light on the pendant will stop flashing and the base will return to standby mode.
   The Base assigns a number to the Pendant such as "PENDT 1".

■ If the base isn't found or the pendant fail to register, "SEARCHING" will keep flashing on the display and white light will keep flashing on the pendant until exit of registration menu.

Note: **in new pendant registration, please wait for 5 seconds before pressing SOS on the pendant.**

OPERATION

### Caller ID and call waiting (type II)

DTMF, FSK type I and FSK type II are supported. CID only works when the service is provided by local telephone company and the user subscribes to it.

■ During an incoming call.

■ Review of the "CID BOOK" from the menu options.

■ Review of the caller list from standby mode.

■ Redial options

Unless otherwise stated, for each of the above features, matching to the entries in the phonebook is performed.

The unit can store up to 29 records in incoming call list from which phone numbers can be viewed and dialed out. For each call, a maximum of 20 digits can be stored as phone number and 12 characters as contact name (if available).

Each entry will be stored:

· When displaying a new call, the "NEW" icon will be displayed.

· If the phonebook name does not match, and the caller name is provided, then the caller name will be displayed instead.

· If there are no items in the CID list, it will display "EMPTY''.

· The following special network names are also handled and displayed as shown below:

INTERNATIONAL – International number

NETWORK OP - Network operator

UNAVAILABLE - the number is not provided

WITHHELD - the called has disabled CID sending

PUBLIC - caller from network public phone

CALLBACK - call is using ring-back service to initiate call when line is free

· The CID list is accessed from the MENU or pressing ▲ key. The date and time of the call will also be displayed if available.

· Whilst viewing the CID entry, the user can make a call by press key or pick up the handset.

· On selecting the CID entry (through MENU or by pressing the ▲ key in on-hook stated), the user can add the entry to the phonebook, delete CID entry and also can delete all CID entry.

Speakerphone operation and volume control

Press ⟲ key once to obtain a dial tone, dial the number, when the call is answered, you can begin your conversation without picking up the handset, you can also answer an incoming call by pressing the ⟲ key.

During the hands free mode, the user can adjust the hands free volume level by pressing ▲ or ▼ key. There are total 6 volume levels **(for Volume 1, 2, 3, 4, 5 & 6).**

Edit and copy incoming calls to phonebook

The user can store incoming number to phone book per following procedures:

- Press ▲ key once.
- The LCD will show the last received records.
- Press ▲ or ▼ key to select the desired number.
- Press **MENU/SELECT** key and use ▲ or ▼ key to select "ADD TO PB".
- Press **MENU/SELECT** key to confirm to edit of incoming call.
- The user can delete the character by pressing **DELETE/FLASH** key.
- If nothing is to be edited, press **MENU/SELECT** key to confirm & the contact information will be copied from caller list to phone book.

Auto timer

The timer is displayed approximately 6 seconds from the instance line is engaged.

Flash

In off-hook state, Press **DELETE/FLASH** key to reset the line.

For PABX mode, this key can be used for the internal call transfer.

On screen dialing

The unit has on-screen dialing function where you can enter and edit the number before dialing

The following procedure describes how to operate this function:

- In on-hook mode.
- Enter the number you want to dial. (You can press **DELETE/FLASH** key to correct the number)
- Press ⟲ key once or pick up the handset.
- The number dialed out will show on the LCD automatically.

Name matching

Caller name is only available of an incoming call if the caller is listed in phone book

## View and dial out phone numbers from phonebook

There are 80 phonebook memories; each memory can store 12 characters and 24 digits.

Enter the Menu:

- Press **MENU/SELECT** key and use ▲ or ▼ and select "PHONEBOOK''

- Then press **MENU/SELECT** key and "LIST'' will display. Press **MENU/SELECT**
  to confirm the entry and the number will be shown on LCD.

- Press ▲ or ▼ key to select desired number.

- When selected number is shown on LCD, press ⫩ key XXX or pick up the handset to
  dial out.

Review 10 last dialed numbers and redial

The unit can record maximum 10 outgoing numbers

- Press ▼ key in the stand-by mode and use ▲ or ▼ key to view last 10 dialed numbers.

- When the desired phone number is selected, press ⫩ key once or pick up the
  handset to dial out

Memory full

The memory capacity of phone book for contact information is 80 that contain name and phone
number. If the memory capacity of phone book is full and more contact information is added, a
message of "MEM IS FULL" will be presented to the user on LCD display.

Intercom

The intercom is activated by pressing the ⟨↔⟩ key:

- In on-hook mode.

- Press ⟨↔⟩ key and the registration number of all registered pendants will show on the
  LCD display, select one of the pendants that is to be connected by pressing
  corresponding number key.

- The destination pendant will ring with the melody defined for internal call.

- Press the pendant red button to accept the call.

- Once the internal call is connected, the white light will keep blinking on the top
  of the pendant.

- To end intercom mode, either hang up in base unit or pendant.

Call transfer

Transfer the call from the base to the pendant(s).

- During a phone call on base unit
- Press **INT/TRF** key and the registration number of all registered pendants will show on the LCD display, select one of the pendants that the call is to be transferred by pressing corresponding number key.
- The destination pendant will ring with the melody defined for internal call.
- Press the pendant red button to accept the call.
- Hang up the call on the base unit once pendant accepts the call to complete transfer.
- The call will be returned to base unit pendant does not answer the call, press ⤦ key or pick up the handset on the base to answer the call

Three party conferences

During conversation & making the conferences call

- During a phone call on the base unit.
- Press **INT/TRF** key and the registration number of all registered pendants will show on the LCD display, select one of the pendants that is to be connected by pressing corresponding number key.
- The destination pendant will ring with the melody defined for internal call.
- Press the pendant red button to accept the call.
- Press *∗* key on the base after the pendant accepts the call to start conference call

SOS operation

SOS button is on both pendant and base unit

- Long press SOS button for 5 seconds on the base unit or pendant to dial the emergency numbers that are preset in the menu (Hands free mode is in maximum sound level)
- Only the base can hear and answer the emergency call party information
- During the emergency call, the SOS number will be displayed on the LCD Of base and the indicator on the pendant starts blinking at the same time.
- If not party answers the call in 45 seconds, the second emergent number in sequence will be dialled.
- 10 preset numbers will be dialled in a loop for 9 loops.
- During emergency call, the phone will be locked.
- The base unit will end the emergency call in following conditions:
    1. 10 emergency numbers are dialled for 9 loops
    2. The red button on the base unit is pressed for 7 seconds.
    3. Remove the power or telephone line from base unit

■ During emergency call, the base unit will hold every incoming call through call waiting and display the number on base unit without sounding the ringer (Call waiting function can be used only based on the register and approval from local telecom service centre)

Emergency call through pendant

■ Press the red button once on the pendant to call emergency numbers which preset in the menu, the SOS numbers will display on the LCD as well as lighted LED on the top of the pendant, also loud alarm sound and flash in the base. (Other SOS operations in the pendant are the same as in the base)

Pendant low battery

The pendant will make alarm noise and the pendant top white light will flash every 10 seconds when the pendant batteries are in low level and should be place on the charger

Total power failure

Kindly note that the KT-6450D is a DECT system that needs power to work (either batteries or power supply). Please see below important information during power failure; when power failure, the base unit is **STILL ACTIVE** in analog line, when picking up the handset:

1. In power failure, only the handset of the base unit works in normal analog line.
2. When the call party calls the unit, only a normal melody will be sound and when picking up the handset, can only start conversation after 1-2 seconds.
3. When picking up the handset, can only hear the line and start dialing in 1-2 seconds
4. Flash time will be 100ms as default and the dial mode will be Tone as default
5. Pick up the handset and press **REDIAL/PAUSE** key, it can redial the number
6. Pick up the handset and dial the number in normal speed
7. Pendant will not work and or neither the SOS in the base!!! Also most of the important function of the unit will not be active, only normal analog line in talk mode

MAINTENANCE INFORMATION

Treat your telephone equipment with care for trouble-free performance. Avoid dropping the handset. Carefully place the handset in the base after use. Avoid putting near heating appliances and devices that generate electrical noise (for example, motors and florescent lamps). Clean your telephone equipment with a damp cloth. Stains may be removed with a mild soap. Do not use liquid or aerosol detergents or cleaning agents. Do not expose to direct sunlight or moisture. Retain the original package in case you need to ship it at a later date.

TELEPHONE SERVICE PROBLEMS

If you have any problems with your telephone service, determine if the problem is with your unit or the telephone company lines BEFORE CALLING THE TELEPHONE COMPANY. Be aware that the telephone company may charge you for a service call if the problem is caused by your telephone.

TROUBLESHOOTING

PHONE DOES NOT RING

1. Line cord is disconnected at telephone outlet or at telephone.
2. Phone is OFF HOOK. Make certain the phone is well seated in the base.

NO DIAL TONE

Wire is disconnected at telephone or at wall jack. Test the telephone in a different wall jack. If it works, the first jack may be defective.

BLANK SCREEN

Check if the adapter is connected properly.

CALLERS ARE NOT DISPLAYED ON THE SCREEN

1. Verify that you have subscribed to the appropriate service (Caller ID and Call Waiting Caller ID) from your telephone company. If you only subscribed to Caller ID service the unit will not display call waiting caller ID information.
2. Check if your answering machine is set to answer before 2 rings.

NO CALLER INFORMATION IS DISPLAYED WHEN HEARING THE CALL WAITING BEEP

Verify that you have subscribed to Call Waiting Caller ID service from your telephone company. We encourage you to disconnect all the telephone cords and adapter; and then reinstall the unit step by step per this instruction manual before you ask for service.

SAVE THESE INSTRUCTIONS

TELEPHONE REPAIR

DO NOT ATTEMPT TO REPAIR THIS PRODUCT YOURSELF.

Telephones manufactured by KINGTEL must be returned to us for repair. You can return your telephone to CORTELCO for repair or replacement in accordance with our LIMITED WARRANTY.

KINGTEL warrants THIS PRODUCT against defects in material and workmanship in accordance with our LIMITED WARRANTY. If your telephone is returned for repair, include a copy of your sales receipt containing the date-of-purchase. DO NOT INCLUDE THE ORIGINAL SALES RECEIPT.

If date-of-purchase is not included, the factory date printed on the label on the bottom of your telephone will be used as the date-of-purchase. The factory date allows six months for distribution and sale of this product. If you return your telephone for repair, the warranty period is not extended. The original date-of-purchase continues to apply to your warranty.

OUT-OF-WARRANTY REPAIR We will repair this product for a nominal fee after the LIMITED WARRANTY has expired if you send it to us in a complete and undamaged condition. The repaired unit will be shipped to you C.O.D., freight collect.

RETURN-FOR-REPAIR PACKAGING If you are returning a unit to us for repair, package it carefully, preferably in the original carton. Be sure to include your return address, a copy of the sales receipt showing date-of-purchase, and a note describing the problem you have with your Telephone. Shipping must be prepaid. If the telephone is in warranty, it will be repaired or replaced, at our option, at no cost to you, and it will be returned shipping prepaid