



# KXT 481 SOS



Instruction manual – English





1 Installation: .....	2	5.4. Delete a caller ID number .....	12
1.1 Where to install the emergency phone .....	2	5.5. Delete all of caller ID numbers .....	12
1.2 Install battery of the telephone backup .....	2	6. Phonebook management .....	13
1.3 To Replace the battery of Pendant.....	3	6.1. View phonebook entries .....	13
1.4 To connect mains power adaptor and telephone line .....	3	6.2. Dial back from phonebook list .....	13
2 Product layout.....	4	6.3. Store a number into phonebook .....	13
3 Basic Functions of Telephone .....	7	6.4. Store a number on HOT key 1 or HOT key 2 .....	14
3.1 Make a call .....	7	6.5. Delete a phonebook entry .....	14
3.2 Answer a call .....	7	6.6. Delete all phonebook entries .....	14
3.3 Pre-dial function .....	7	7. Menu function settings.....	14
3.4 Emergency Feature .....	8	7.1. LCD contrast setting .....	15
3.5 Last number redial .....	9	7.2. Area code setting .....	15
3.6 Pause .....	9	7.3. Time and Date setting: .....	15
3.7. Flash time function .....	9	7.4. Name Recording setting .....	16
3.8 Adjust earpiece volume .....	9	7.5. Record Message .....	16
3.9 Adjust Hands-free volume .....	9	7.6. Check Message .....	16
3.10 Adjust ringer volume .....	10	7.7. LCD Language setting .....	16
4 Special functions .....	10	7.8. VOICE setting .....	17
5. Caller ID management.....	11	7.9. Set flash time .....	17
5.1 View the Caller ID List.....	12	7.10. Set Dial Mode .....	17
5.2 Dial back from caller ID list .....	12	7.11. Pair New Pendant .....	18
5.3. Store a caller ID number into phonebook .....	12	8. EC COMPLIANCY DECLARATION .....	19





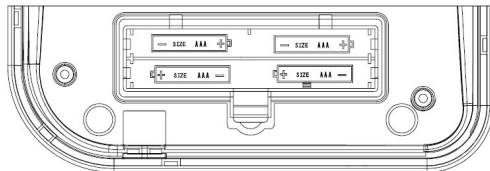
## 1 Installation:


### 1.1 Where to install the emergency phone


When install the emergency phone, consider that the unit should be within the range of emergency pendant, therefore placed in an area of a common use during day and night. The range of pendant is reduced by the structural obstacles and has a range up to 40meters in open field.

### 1.2 Install battery of the telephone backup

Your telephone requires 4pcs 1.5V Alkaline AAA batteries for all functions operation,including the emergency function up to maximum of 12 hours. The telephone numbers in memory and voice recording are stored in non volatile flash memory which does not require battery backup. Before opening the battery compartment, make sure the telephone is disconnected from the telephone line and the mains power supply.



Please note: 1. When the symbol  appears on the LCD display, you should replace 1.5V Alkaline batteries.

2. For safety reasons, if the battery voltage is lower than 2.5V, the phone will automatically be locked. In the case, the display will fade out, all functions will be off except the basic functions, such as call, dialling, receiving, etc will still be working. 3. When the batteries are replaced, replug in AC power adaptor and LCD will glow back and the symbol  will disappear on LCD display.

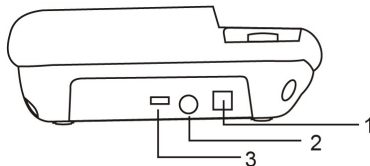


### **1.3 To Replace the battery of Pendant**

The pendant is equipped with a pre-installed 12V DC internal battery. Each time the red key is pressed, the LED will light to show correct transmission. In the case, LED does not light on, please replace battery with new one. You should open screw and re-assembled the battery.

### **1.4 To connect mains power adaptor and telephone line**

Connect the plug of power supply into the power socket with DC9V marking at the back of telephone and connect the telephone line in line socket. For safety use, please only use the adaptor which is supplied with the telephone. Please refer the connect photo indication.

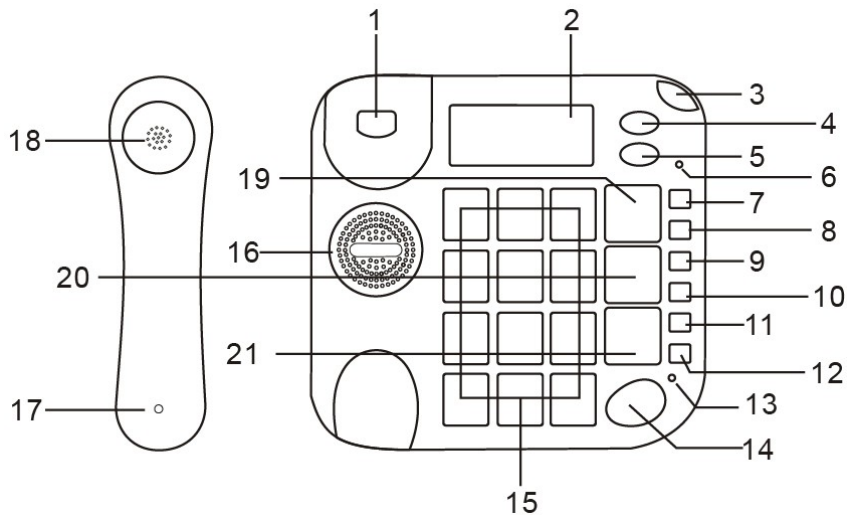


- 1). Telephone line socket
- 2). DC 9V adaptor socket
- 3). Ringer volume switching





## 2 Product layout





Key	Key Name	Key description	Key	Key Name	Key description
1	HOOK SWITCH		12	REDIAL/P	
2	SCREEN DISPLAY	3-line display. Top line segment for Time and icon; Middle line segment for 14-digits number; Bottom line dot matrix for characters for phone-book and menu	13	IN-USE LED	LED light on while the telephone is off-hook mode.
3	RINGER LED	LED flashes while an call is incoming	14	HANDSFREE	Press the key to turn on/off hands-free mode(make or answer a call in hands-free mode).
4	UP	In idle mode, press the key to scroll up for caller ID list; in menu operation, press the key to scroll up menu options.	15	NUMERIC KEY	Input digits or letters
5	DOWN	In idle mode, press the key to scroll down for caller ID list; in menu operation, press the key to scroll down menu options.	16	SPEAKER	
6	NEW CALL LED	LED flashes while the phone has new callers	17	MICROPHONE	
7	CID/ESC	In idle mode, press the key to switch caller ID and phonebook list, then press UP or DOWN key to view the list; In menu mode, press the key to exit menu operation to idle mode.	18	EARPIECE	



Key	Key Name	Key description	Key	Key Name	Key description
8	DEL	In number and character input mode, press the key to delete one digit or a letter; in menu operation mode, press the key to exit menu step by step.	19	HOT KEY 1	It is used to memory some important number , like as Police and hospital number. Press the key to take out the stored number
9	MENU	In idle mode, press the key to enter menu mode; in menu mode press the key to scroll through menu options.	20	HOT KEY 2	It is used to memory some important number , like as Police and hospital number. Press the key to take out the stored number
10	OK/DIAL	In menu mode, press the key to confirm menu options and enter further menu step; While review caller ID or phonebook number, press the key to dial out the number	21	SOS KEY	Long press the key to make sos call.
11	FLASH	Press the key to create a flash time (line breaking).			



## **3 Basic Functions of Telephone**

### **3.1 Make a call**

Pick up the handset or press hands-free key, you can hear the dial tone from earpiece or speaker if line is connected. Input the desired number to make a call. If the dialed number over 14digits, it will show the last 14digits only. After 6 seconds, LCD display start to count call timer. If the call is answered by another side, the communication is established.

If you have completed your call, hang up the handset or press hands-free again to release the telephone line.

### **3.2 Answer a call**

While a call is incoming, the telephone rings with ringer LED flashes. If caller ID function is available for the line. "NEW CALL" LED also flashes, caller ID number is shown on screen, the telephone will voice the caller ID number(it named talking caller ID).

If the number matches with one phonebook entry, the stored name will be shown also. Pick up the handset or press hands-free key to answer the call.

After talking, hang up the handset or press hands-free again to end the call, the caller timer will be kept one moment.

### **3.3 Pre-dial function**

In on-hook state, input numbers directly, LCD displays the corresponding numbers, the telephone voice the pre-dial number by voice prompt. Input max.32-digit numbers, pick up handset, press "hands-free" key or press "OK/DIAL" key to dial out the number.





During inputting number, press “DEL” key to delete wrong inputting digit one by one.

### **3.4 Emergency Feature**

User friendly big button phone with emergency call feature, special designed for senior people living alone. It supply a separate “SOS” key on the top surface of telephone , also supply a red key on wireless pendant for making emergency call.

When “SOS” key on the telephone or red key on pendant is long pressed 3seconds, the phone will:

- a). activate a loud local alarm for 15seconds to get immediate help within the house;
- b). if no help arrives, the phone dials in sequential mode the emergency numbers from the emergency call list (up to 5 groups of emergency number) (emergency number editing please read “store number”);
- c). play a pre-recorded from speaker “This is an emergency call, to accept the call press zero” or user recorded emergency message on local telephone;
- d). if the called party answers the emergency call, the emergency message will be played back to the called party; if the called party press 0 key on his telephone, 2 minutes speakerphone conversation will be activated;
- e). after 2 minutes will sound “bi, bi” warning tone 10s, then cut the first emergency call and dial the next emergency number. If the other party press key “1”, then key “5” during “bi, bi” warning sound, the speakerphone conversation can last more 2 minutes again, and so on. If the other party press key “1”, then key “9”, the speakerphone conversation will be released at any time.
- f). press “SOS” button again on the local telephone or press and hold 3second, the red key on wireless pedant, the process of emergency call will be stopped.



Note: If not set any emergency call, can not dial out any call when start emergency call function, only hearing the loud local alarm for 15 seconds,

### **3.5 Last number redial**

Pick up the handset or press “hands-free” button, then press “REDIAL/P” key, the telephone will automatically dial out the last dialed number.

Note: redial number can be maximum up to 32 digits, including \*, # and P(Pause).

### **3.6 Pause**

During in dialling mode in off-hook and pre-dial model in on-hook, press “REDIAL/P” key, the display will insert “P” character, then the line will insert 3.6s pause while dial out the group of number.

Note: 3.6s Pause also can be inserted into phonebook number or one touch memory.

### **3.7. Flash time function**

Maybe you need flash time for some special function if the telephone is used on a PABX system. In off-hook mode, press “FLASH” key to insert flash time. The flash time can be changed by menu operation. Please read “set flash time”.


### **3.8 Adjust earpiece volume**

Earpiece volume adjusting key is under handset with “-” and “+” mark. “+” means high volume and “-” means low volume. User can select the key location according to his favour.


### **3.9 Adjust Hands-free volume**





Hands-free volume key  is set on the right edge of the telephone, slide the key to continuously adjust hands-free volume.

### **3.10 Adjust ringer volume**

Ringer volume switch is set on the rear edge of the telephone. There are 3 volume level with low/middle/high symbol . User can adjust ringer volume as his favor.

## **4 Special functions**

A). EASY TO SEE: Big buttons and large characters on screen. The display is high resolution with 5 contrast and full backlight.

B).EASY TO HEAR: with selectable ring level and red light ring indicator, adjustable earpiece and speakerphone volume, earpiece with hearing aid compatible.

C). VOICE GUIDE PROGRAMMING: Voice guide for any main menu operation (Feature available on primary language).

D). TALKING KEYPAD: in pre-dialling mode, the phone will voice for each digit that is pressed on the keypad.

E). TALKING CALLER ID: will say the name of the person calling or announce the numbers of the calling party (in six different languages).

F). TALK PHONEBOOK NUMBER: User can record voice to announce phonebook name, if incoming call comes from the caller which is stored in phonebook, the phone will announce the name. If no voice record, while view the phonebook, the phone will announce the phonebook number.

G). RECORDABLE EMERGENCY MESSAGE: there is a pre-record emergency message that user can



record his own voice (up to 20seconds).

H). FLEXIBLE PHONEBOOK EMERGENCY LIST WITH PRIORITY SETTING: when a telephone number is stored in phonebook list, user can decide if the number is an emergency number (on/off) and which position in priority list to assign( from 1 to 5, phonebook can store 30 groups number, only 5 groups can be added into emergency list once).

I). EMERGENCY PENDANT: use a high frequency(433MHz) wireless pendant with a range of 40 meters in open field. Up to 5 pedants can be used with the same telephone (optional).

J). CALL ANSWER FROM REMOTE PENDANT: with incoming call, user can answer the call and activate speakerphone by press red key 3s on remote pendant. Press remote control 3S again to hang up the call and return to standby mode.

K). HOT KEY 1 & 2 : the telephone supply two hot key to memory important numbers, like as for police and hospital.

## 5. Caller ID management

This feature is available if you have subscribed the Caller Line Identification service with your network service provider. Your phone can store up to 30 answered calls and unanswered with date/time information in the call list. Caller ID sequence code is shown on the top line with date and time together. The number will be kept on LCD 30s when the phone is ringing. If the number matches with one of the entries in your phonebook, the stored name will be displayed on bottom line. Missed calls are marked with "NEW" at the beginning of the missed call entry. Once the missed call has been read, the "NEW" will be removed. If several calls come from same call number, "REPEAT" is shown before call number, and show latest call date and time.

In idle mode, screen show new caller ID total quantity "NEW :XX".





If the caller ID number is withheld, "Withheld" will be displayed.

If the caller ID number is unavailable, "Out Of Area" will be displayed.

### **5.1 View the Caller ID List**

In idle mode, press ▲ or ▼ key to view caller ID list. All unanswered and answered calls are saved in the caller ID list. Press "DOWN" key to read the latest caller ID, press "UP" key to view old caller ID. When the call list is full, the oldest call will be replaced by a new call.

### **5.2 Dial back from caller ID list**

While viewing a caller ID number in caller ID list, press "OK/DIAL" key to directly dial back to number on speakerphone mode.

### **5.3. Store a caller ID number into phonebook**

While viewing a caller ID number in caller ID list, press "MENU" key 2seconds, screen shows "COPY TO MEMORY", press "OK/DIAL" key to confirm, screen show "SAVED".

### **5.4. Delete a caller ID number**

While viewing a caller ID number, shortly press "DEL" key, screen shows "DELETE?" on the bottom line, press and hold "DEL" key 2second again, screen shows "DELETED" with voice prompt together.

### **5.5. Delete all of caller ID numbers**

While viewing a caller ID number, press and hold "DEL" key 2seconds, screen shows "DELETE ALL?" on the bottom line, press and hold "DEL" key 2seconds again, screen shows "DELETED " with voice prompt together.






## 6. Phonebook management

You can store up to 30 groups of phonebook entries in the telephone memory, with maximum 22digits for number and 16characters for name. While phonebook memory is full and you want to add more a phonebook, screen shows "MEMORY FULL", you must delete one phonebook entry, then add new phonebook entry.

### 6.1. View phonebook entries

In idle mode, press "CID/ESC" to switch caller ID list and phonebook list. While phonebook list icon  is shown on screen, press ▲ or ▼ key to view phonebook list. Phonebook entry sequence number is shown together.

### 6.2. Dial back from phonebook list

While viewing a phonebook number , press "OK/DIAL" key to directly dial the number out on speakerphone mode.

### 6.3. Store a number into phonebook

Press "MENU" key to enter menu options, select "STORE NUMBER", press "OK/DIAL" key to enter , cursor flashes on the middle line, enter number(up to 22digits), press "OK/DIAL" key again, cursor flashes on the bottom line, input characters by numeric keys (up to 16 characters). Press "OK/DIAL" key, screen shows "EMERGENCY OFF", it mean the number is not added into emergency number call list. Press UP or DOWN key, screen shows "EMERGENCY ON", if you press "OK/DIAL" key to confirm, screen will indicate you to select "location" from 1 to 5, it mean emergency call priority sequence. Press "OK/DIAL" key, the number is added into phonebook, if "EMERGENCY ON" is selected, the number is also added into emergency call list.





#### **6.4. Store a number on HOT key 1 or HOT key 2**

Enter main menu of "STORE NUMBER", press "OK/DIAL" key to enter, input number (up to 22digits), press HOT key 1 or HOT key 2, then press "OK/DIAL" key again, screen show "SAVED" to tell storing success.

While you want to make call from HOT key 1 or HOT key 2, you only need to press the key, then pick up handset or press Hands-free key to get the line, the number will directly dialled out.

#### **6.5. Delete a phonebook entry**

While viewing a phonebook entry, shortly press "DEL" key, screen shows "DELETE?" on the bottom line, press and hold "DEL" key 2second again, screen shows "DELETED" with voice prompt together.

#### **6.6. Delete all phonebook entries**

While viewing a phonebook entry, press and hold "DEL" key 2seconds, screen shows "DELETE ALL?" on the bottom line, press and hold "DEL" key 2seconds again, screen shows "DELETED" with voice prompt together, phonebook become empty.


### **7. Menu function settings**

In on-hook state, press "MENU" key to enter main menu, screen show the first menu option "LCD CONT RAST", press ▲ or ▼ key to scroll through menu options:

ENTER TIME/DATE →STORE NUMBER →NAME RECORDING →RECORD MESSAGE →CHECK MESSAGE → LCD LANGUAGE →VOICE →SET FLASH TIME →SET DIAL MODE →PAIR NEW PENDANT →LOCAL AREA CODE .

While screen show one menu option, press "OK/DIAL" key to set further setting of the option.





During submenu settings, press “DEL” key to go backward to upgrade level menu, press “CID/ESC” key to exit menu setting and return to idle mode. After entering menu setting, if wait 30seconds without next operating, screen will return to idle mode.

### **7.1. LCD contrast setting**

While enter main menu, screen displays “LCD CONTRAST”, press “OK/DIAL” key to view the current LCD contrast , ex-factory contrast is set to 3. If necessary, you can press ▲ or ▼ key to modify contrast level from 1 to 5 , then press “OK/DIAL” key to confirm, and move to the next setting.

### **7.2. Area code setting**

Select main menu option of “LOCAL AREA CODE”, press “OK/DIAL” to enter area code menu setting, the cursor “----” blinking upon “AREA CODE”. Press ▲ or ▼ key to adjust code digit, press “OK/DIAL” key to confirm and the cursor move to the next numeral setting, after completing 5digits setting, press “OK/DIAL” to return idle mode.

If a call comes from local address (with the same area code at the beginning), while user want to view the caller ID number, the area code number (at the beginning of the caller ID number) will be hidden. Example as: the local area code number is : 12345. While view a caller ID number of “1234567890”, screen shows “67890”, “12345” is automatically hidden.

### **7.3. Time and Date setting:**

Select main menu option of “ENTER TIME/DATE”, then press “OK/DIAL” key to set time and date separately. “Hour” and “AM”(or PM) blinks at first, press ▲ or ▼ key to adjust “Hour” and “AM” or “PM”. After “Hour” is set, press “OK/DIAL” key to confirm, as same way to set “Minutes” “Month” and “Date” .





#### **7.4. Name Recording setting**

“Name Recording” is to record user own voice for phonebook entry, the voice will be playback while an incoming call is from the phonebook entry. Enter “NAME RECORDING”, press “OK/DIAL” key, screen show phonebook list, select one phonebook entry, then press and hold “OK/DIAL” key, “VOICE” is flashing on the top line of screen, user can record voice 3seconds.

#### **7.5. Record Message**

“Record Message” is to record user own message for SOS call, the voice will be played back to the called party and played back from the telephone speaker while emergency call is being made. Enter “RECORD MESSAGE”, press and hold “OK/DIAL” key, “VOICE” is flashing on the top line of screen, user can record voice 15seconds, then the recorded message will be played back

#### **7.6. Check Message**

By “check message”, user can check SOS call message is user’s recorded message or pre-recording message.

Enter “CHECK MESSAGE”, press “OK/DIAL” key, the SOS message will be played back from speakerphone.

To reset your own recorded SOS message to Pre-recorded SOS message:

While checking message and playing back your own recorded SOS message, press “DEL” key, user own recorded message will reset to the telephone pre-recorded message “This is an emergency call, to accept the call press zero”.

#### **7.7. LCD Language setting**



Select main menu option of “LCD LANGUAGE”, then press “OK/DIAL” key to enter language options, press ▲ or ▼ key to select language for LCD display, there are 11 kinds of languages on the phone.

Please note: if user select language from Italian/English/ French/ German/ Spanish from LCD display, the voice type of talking caller ID, pre-dialing, menu prompt and SOS message are also correspondingly changed. If other languages are selected for LCD display, the voice of talking caller ID, pre-dialing and SOS message will be closed.

### **7.8. VOICE setting**

Select main menu option of “VOICE”, then press “OK/DIAL” key to select voice from Italian/English/ French/ German/ Spanish.

the voice of talking caller ID, pre-dialing and SOS message will be changed correspondingly. (Please note: if voice is modified after LCD language setting, the language of voice type can be different from language type of LCD display).

### **7.9. Set flash time**

Select main menu option of “SET FLASH TIME”, then press “OK/DIAL” key to enter flash time selection, the following flash time type of 100ms/270ms/300ms/600ms/80ms can be selected.

### **7.10. Set Dial Mode**

The telephone dial mode is set to “TONE” as ex-factory setting, you need not change it if it is not specially requested by PABX.

Select main menu option of “SET DIAL MODE”, then press “OK/DIAL” key to select “TONE” or “PULSE”, press “OK/DIAL” key to confirm.



### **7.11. Pair New Pendant**

By this menu, user can pair up to 5 pendants to the telephone for emergency call. Please one emergency pendant has already been paired to the telephone, you need not re-pair it before using the pendant.

Select main menu option of "PAIR NEW PENDANT", press "OK/DIAL" key, screen show "PAIRING", press "OK/DIAL" key again, "PAIRING" flashes on screen 2minutes to tell in pairing mode. At the same time, user should press red key of new pendant.

If pairing is successful, screen will show "DONE".

Delete a paired emergency pendant

Select main menu option of "PAIR NEW PENDANT", press "OK/DIAL" key, screen show "PAIRING", press ▲ key to select "DELETE?", press "OK/DIAL" key to confirm, screen show "DELETE DEVICE", then all of pendants are deleted.