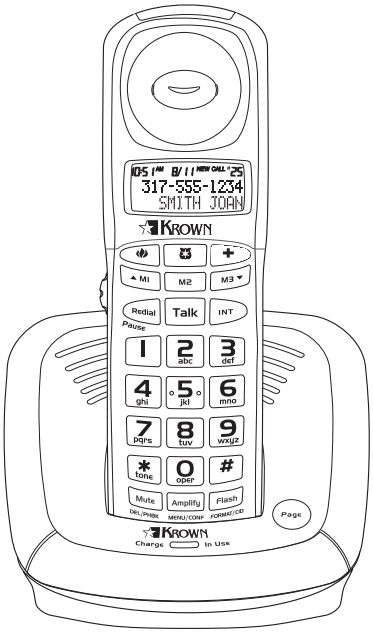

Krown Digital Amplifier Cordless Phone
Model: KR2812

USER MANUAL

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IMPORTANT SAFETY INSTRUCTIONS

When using Conference Phone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

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. This product should not be used while you are in a bathtub, shower or pool. Immersion of the product in water could cause an electrical shock.
5. Slots and openings in the cabinet 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 not be placed in a built-in installation unless proper ventilation is provided.
6. 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.
7. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be walked on.
8. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
9. 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 the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service facility if service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the telephone equipment is subsequently used.
11. Do not expose the product to extreme temperatures such as areas near a hot radiator or stove or in a hot car.
12. Do not place lighted candles, cigarettes, cigars, etc., on the telephone.
13. Never touch the un-insulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
14. During a lightning storm, do not or modify telephone wiring.
15. Never install telephone jack in wet locations unless the jack is specifically designed for wet locations.

16. Use caution when installing or modifying telephone lines to prevent electrical shock and/or fire.
17. 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 the product has been exposed to rain or water.
    C. If the product does not operate normally by following the operating instructions.
    D. If the product's cabinet has been damaged.
    E. If the product exhibits a distinct change in performance.
18. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
19. Do not use the telephone to report a gas leak in the vicinity of the leak.
20. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.
21. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode.
22. For servicing or replacement, you can purchase a suitable headset through service center or re-tailer shop.

CAUTION

You must use a Class 2 power source that supplies 9V DC and delivers at least 500mA.

Its plug must fit the phone's Power 9VDC jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the phone or the adapter.

Always connect the AC adapter to the phone before you connect it to the AC outlet. When you move the phone, unplug the adapter from the AC outlet before you disconnect from the phone.

SAVE THESE INSTRUCTIONS

SAFETY AND CARE

Observe the following safety precautions and warnings when setting up and using this product.

SAFETY PRECAUTIONS

- LCD panel – The LCD panel is made of glass, and may break if the unit is dropped. Place the unit securely on a stable surface.
- Heat sources – Keep the product away from heat sources, such as radiators, stoves, heaters, and other heat-generating products.
- Water and moisture – Do not use the product in or near water or in high moisture areas, such as a bathroom.

CARING FOR YOUR PRODUCT

- Do not clean any part of your phone with benzene, thinner or other solvent chemicals. It may cause permanent damage and void all manufacturer's warranties. When necessary, clean it with a damp cloth.
- Keep your phone away from hot, humid conditions or strong sunlight.
- Never immerse the unit in water or use your phone outdoors, or handle it with wet hands.
- Do not subject the base unit to extreme force, shock, or fluctuations in humidity.
- Do not tamper with the internal components or disassemble the unit.
- Do not mix new and old batteries or batteries of different types. Replace with new batteries.
- The product is made with highest standards. If you need a service for your phone, call your supplier or Krown authorized dealers.

CAUTION

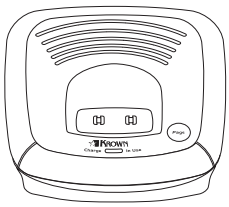
- Consult your local solid waste collection or disposal organization for recycling or proper disposal batteries.
- Do not place an open flame near by the phone.
- Disconnect the base unit from the phone line and the AC outlet when there is a storm in your area.
- Avoid installing the base unit near a sink, bath or shower, orawhere it could get wet. It can cause serious injuryor electric shock.
- If the base unit falls into water, unplug the base from the outlet and the tele phone line; then pull it out by the unplugged cables.
- Use the battery pack supplied with the handset. Do not use non-rechargeable batteries, it may cause explosion or leak and void all manufacturer warranties.

- Use only the power source marked on the adapter. Contact your local dealer to obtain a correct adaptor for your area. Do not place any object on the power cord.
- Never use this unit near a gas leak area. It can cause an explosion.
- Occasional loss of synchronization between the handset and base unit is normal if there is significant interference from the surrounding environment.
- Disconnect the telephone line from the wall-outlet before replacing battery.

MAIN FEATURES

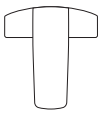
- Long-range cordless communications, up to 300 meters / 980 feet open field
- Loud base unit ringer of up to 95dB SPL (A) with Amplify handset volume for enhanced audio clarity and quality; the cushion earpiece will bring out more comfort when speaking on the phone
- 24 large keys with backlight, 6 one-touch programmable preset emergency and direct memory keys
- Heavy duty battery pack with handset talk time of 6.5 hours and standby time of 100 hours
- 3.6V rechargeable battery pack provides long-lasting cordless use
- Multiple handsets. Add up to 3 additional handsets (not supplied)with the same base unit
- Bright handset LCD display with multi-languages English, French or Spanish and large font display
- Hold up to 99 phonebook / Caller ID entries;
- Handset volume and tone controls
- Real-time clock in 12- / 24-hour format with alarm and snooze
- Large, ultra bright LED ringer indicator on base and handset units
- Other phone features: intercom, call waiting ID, call transferring, conference call, one-way paging, handset manual / auto-answer, baby call, message waitingindicator, pulse / tone dial modes, and selectable flash time

PACKAGE CONTENTS

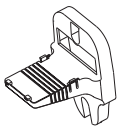


Base unit

Handset



Belt clip for handset



Wall Mount hanger

Phone line for base unit

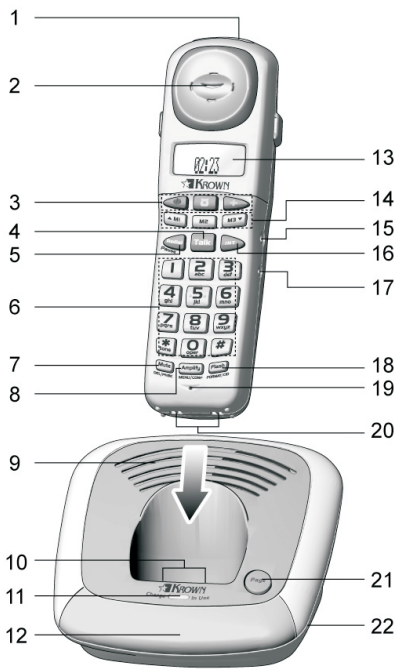
Rechargeable handset battery

AC/DC Adaptor for base unit

User Manual

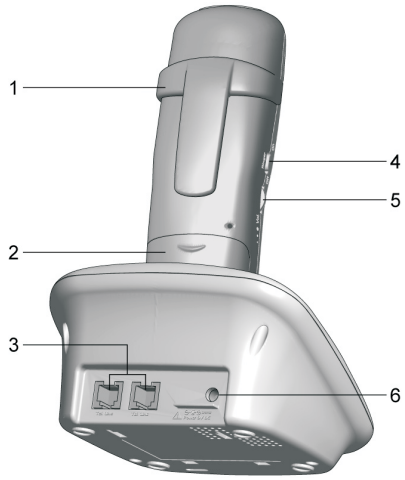
PRODUCT OVERVIEW

HANDSET AND BASE UNIT - FRONT VIEW



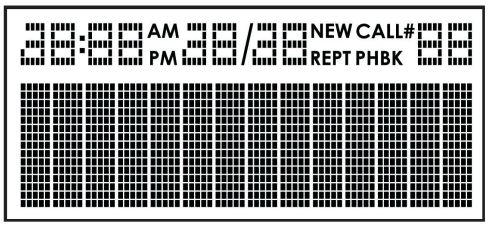
1. Large visual ring indicator
2. Handset Receiver
3. Emergency keys
   Fire / Police / Ambulance
4. **Talk:** to answer or end calls
5. **Redial / Pause**
6. **0-9, *, # numeric keypad:** to enter numbers and characters
7. **Mute / DEL / PHBK**
8. **Amplify; MENU / CONF:** to boost volume up to 50dB; or enter setting menu
9. Ringer speaker
10. Charging contacts
11. Charging / In Use LED
12. Base large visual ring indicator
13. LCD display
14. Direct memory dial buttons
    ▲ **M1 / M2 / M3**▼
    ▲ **M1 / M3**▼**:** also are arrow keys to review Caller ID log or navigate the menu
15. Neck loop or audio assistive device jack
16. **INT**: Intercom dial
17. Headset jack
18. **Flash; FORMAT / CID**
19. Microphone
20. Charging contacts on the handset
21. **Page:** to locate the handsets
22. Ringer switch

HANDSET AND BASE UNIT - BACK VIEW



1. Detachable belt clip
2. Battery compartment
3. Telephone and auxiliary jacks
4. Handset ringer On/Off switch
5. Rotary volume control
6. 9V DC power supply jack

LCD DISPLAY SYMBOLS



Large visual font LCD with bright LED backlight displays time and dial number (1/3 inch) and three rows caller ID.

- Top row: displays date/time, call-log and phone book index number.
- Second row: displays caller phone number.
- Third row: displays caller name.

SELECTING THE LOCATION

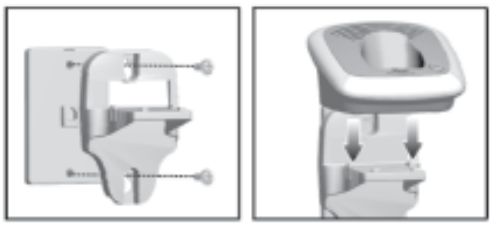
Select a location in a place where:

- Nearby a telephone jack
- Nearby a electric outlet
- Ring indicator is easily visible

Your telephone base will connect direct to a telephone line jack. If your telephone wiring did not come with a standard rectangle wall mount plate, contact local telephone company to install for you.

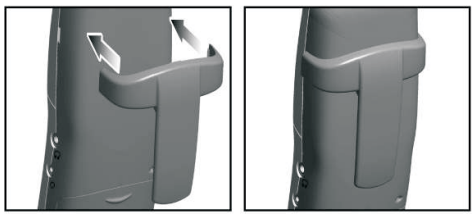
You can mount your telephone on a wall plate, directly on a wall or place it on a shelf, desk, or table.

WALL-MOUNT THE BASE UNIT



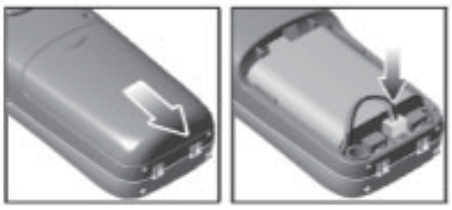
CONNECTING AC ADAPTER AND PHONE LINE

ATTACHING THE BELT CLIP TO THE HANDSET



INSTALLING HANDSET BATTERIES

The handset uses a rechargeable 600mAh, 3.6V, Ni-Cd (Nickel Cadmium) battery pack.
To install the handset batteries:

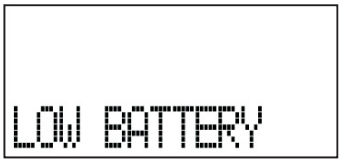


1. Slide the battery compartment cover off.
2. Insert the battery pack into the compartment. Plug the battery connector into the socket.
3. Replace the battery cover.

CHARGING HANDSET

Place the handset in the handset cradle of the base unit. Allow the handset to charge up to 14 hours or overnight before use.

LOW BATTERY WARNING



When the battery is low, the handset will send a low-battery tone and “LOW BATTERY” message on the display. Replace the handset to the base and let it charge. Practice to discharge the battery pack once a month.

INITIALIZATION AND STANDY MODE

After installing battery (handset) and plug A/C adaptor (base unit), the phone goes directly to standby mode. Manufacturer default settings will be applied. The display shows handset name or time. The charge/In Use LED, and ring indicator will flash once.

MANUFACTURER DEFAULT SETTINGS

The phone can be reset to manufacturer default settings at any time by using SET DEFAULT.

Set Default
- No
- Yes

The default settings are:

SETTING	DEFAULT VALUE
Language	English
Internal / external ring volume	4
External ring tone	Ring Tone 1
Internal ring tone	Ring Tone 1
Alarm	Off
Alarm time	00:00
Display format	24-hour
Month-Date display format	MM/DD
Key tone	On
Auto answer	On
Baby call	Off
Baby call number	Clear
Dial tone	Tone dial
Flash time	600ms
Handset name	Clear
Handset volume	V01
Base ringer level	Highest

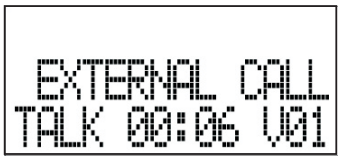
HANDSET RECEPTION

The phone reception range is up to 300feet (~100m) open field or 150 feet (~50m) in house. An out-of-range tone is generated and an “OUT OF RANGE” message is displayed on the LCD if the handset is nearly out of range.The base unit automatically goes on-hook.

NOTE: Due to radio interference, you may experience with loss of synchronization between the handset and base unit. The base unit will switch to another channel automatically to restore the connection very quickly.

BASIC HANDSET FUNCTIONS

MAKING CALLS



1. Pick up the handset and press **Talk.** You will hear the dial tone.
2. Enter a number to dial.
   If connection is made, “TALK” will be shown on the LCD and calling time will be started from 00:00. Volume level is shown on the bottom right corner.

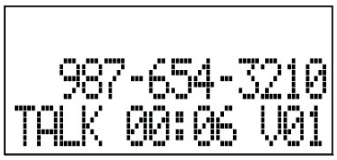
RECEIVING / ENDING CALLS

Ring flasher of both base unit, and the handset lights up whenever the phone ring to provide a visual alert, and sounds to provide an audible alert. If there is no Caller ID information sent, the LCD displays “EXTERNAL CALL”.

Pick up the handset and press **Talk** to begin theconversation.

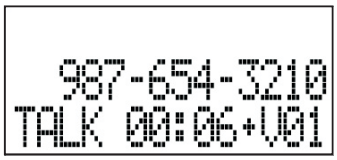
Press **Talk** or replace the handset back to the base unit, when the phone is off-hook, will end the call or.

ADJUSTING VOLUME



The volume level is ranged from 1 to 4. It is shown on the lower right hand side of the display. To adjust volume during a call, rotate the volume control on the handset.

BOOST THE VOLUME

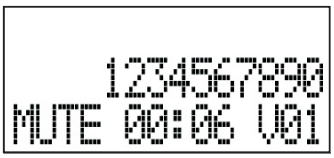


To boost the volume level up to 50dB and enhance the quality of the incoming voice, press “**Amplify” button** to toggle the handset to amplifier level. The display will show the “+” sign in front the volume level.

To turn of amplifier mode, press “amplify” button again.

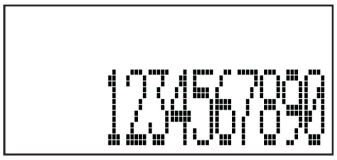
WARNING: Make sure to lower or minimize the volume level before selecting the Amplifying volume function to protect from damaging your ears.

USING MUTE



During a conversation, press **Mute** to toggle the microphone, to mute or un-mute status. The status of the micro-phone will be display on the bottom left corner.

USING PRE-DIAL



The pre-dial function allows you to enter the number, check, and edit the number before you press **Talk** to make the call. The numbers are displayed in large fonts for easier reading.

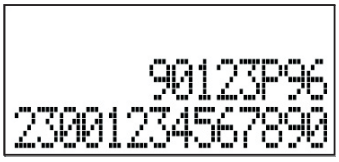
1. In standby mode, enter a number by using numeric keypad. If you make a mistake, press **DEL** to erase.
2. Press Talk to start dialing.
3. Press and hold **DEL** to clear all numbers and return to standby mode.

REDIALING NUMBER

Press **Redial** to dial the last number you entered.

NOTE: You enter more than 34 digits in pre dial mode or press **Flash** during a call, the redial memory will be erased.

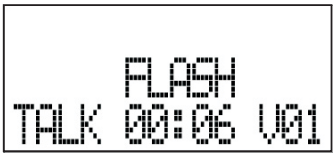
USING THE PAUSE



In some phone systems, you must dial an access code (9, for example) and wait for a second dial tone before dialing an outside number. When you manually dial a number or you store a number in memory, you can have your telephone pause anywhere during a dial sequence. Press **Redial/Pause** at the desired location.

In pre-dial or post-dial mode, a one second dial pause is inserted by pressing the **Pause**. It is indicated by a “P” in dial string.

CALL WAITING



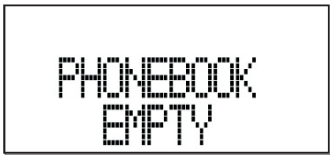
If you subscribe to Call Waiting service with your local telephone company and there is an incoming call when the phone is off-hook, they will send you a call waiting alert tone in the handset receiver. Press **Flash** to answer the second call. A “FLASH” message will appear on the LCD. Press **Flash** again to toggle between two phone calls. Press Talk once to hand up one call, or twice to hand up both calls.

USING THE PHONEBOOK

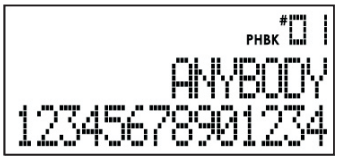
The phonebook can store up to 99 names and phone numbers. Each name can be 14 characters and number can be 24 digits in length.

1. To access the phonebook, press **PHBK**. The first phonebook entry will be shown.

If there are no numbers stored in the phonebook, the LCD shows:

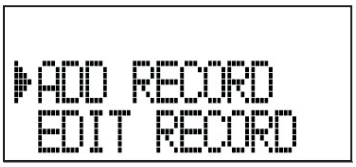


If there are numbers stored, the first entry is displayed:



2. Press ▲/▼ to view other phonebook entries.
3. If there is no key pressed for several seconds, the handset automatically exits the phonebook and return to standby mode or press **DEL**.

ADDING A PHONEBOOK ENTRY



While viewing the phonebook, press **MENU** to enter the phonebook menu. Use ▲/▼ to scroll through four options: Add Record, Edit Record, Delete Record and Delete All. Press **MENU** to select an option.

1. Select the sub-menu item “ADD RECORD” to add a phonebook entry. If the phonebook is full, a “PHONEBOOK FULL” message will be displayed.
2. If there is available storage space in the phonebook, the message “ENTER NAME” will appear on the LCD. Using table 1.1 to enter a phonebook name or press MENU again to bypass.

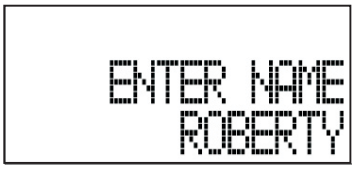
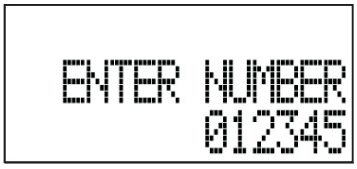


Table 1.1

Key	Key press					
	1	2	3	4	5	6
1	*space*	1	,	.	;	:
2	A(a)	B(b)	C(c)	2	(	[
3	D(d)	E(e)	F(f)	3	)	]
4	G(g)	H(h)	I(i)	4	$	<
5	J(j)	K(k)	L(l)	5	‘	>
6	M(m)	N(n)	O(o)	6	+	-
7	P(p)	Q(q)	R(r)	S(s)	7	%
8	T(t)	U(u)	V(v)	8	¡	^
9	W(w)	X(x)	Y(y)	Z(z)	9	=
0	0	/	\	&	|	_
*	*	#	?	!	{	}
#	Toggle between upper / lower case letters					

Press **DEL** key to erase the character.

3. After enter a name, press **Menu** to save. The “ENTER NUMBER” prompt will be displayed. Enter a number by using numeric keypad: **0…9**, **#,***, and **Pause**.



4. Press **MENU** to save the number and return to the phonebook list.

Note: You can enter a number without a name. Each Pause "P" will add one second delay to the dial string.

EDITING A PHONEBOOK ENTRY

1. Press **PHBK** to list phone book entries.
2. Press ▲/▼ to search and select the entry you wish to edit. Press **MENU** and select"EDIT RECORD".
3. Edit name and number by using numeric keypad and press **MENU** to save the entry.

DELETING A PHONEBOOK ENTRY

1. Press **PHBK** to list the entries.
2. Press ▲/▼ to search and select the entry you wish to delete. Press **MENU** and select "DELETE RECORD". The "<DELETE?>" prompt is displayed .
3. Press **MENU** to confirm. Press any other key or **DEL** to cancel and return to the phonebook list.

DELETING ALL PHONEBOOK ENTRIES

Select the sub-menu item "DELETE ALL" to delete all phonebook-entries.

CALLING A STORED PHONEBOOK ENTRY

To make a call using the phonebook, press **PHBK** to enter the phonebook list. Press ▲/▼ to search and select the entry you wish to call. Press **TALK** to dial the selected entry. To jump to an entry group, press first letter of the group by using the keypad and use ▲/▼ to select the entry you want to make a dial.

For example:

From the phonebook list, press key "**7**" three times to jump to group of entry start with "R".

EMERGENCY AND DIRECT NUMBER MEMORY

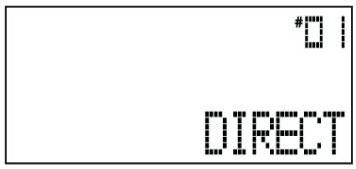
There are six speed dial buttons for your convenience. Three buttons are for emergency purpose, and three are for frequently used numbers.

1. To use these buttons, press any one of the following keys:

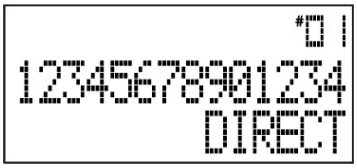
KEYPRESS	STORED NUMBER TO DIAL
Emergency Memory	
	Fire
	Police
	Ambulance
Direct Memory	
M1	Phone number 1
M2	Phone number 2
M3	Phone number 3

The stored number will be shown for that button. Press **Talk** to dial the number.

If there is no number, the LCD shows:



If there is number, the entry is displayed as follows:



2. Press ▲/▼ to browe other entries in the following order: , , , **M1**, **M2**, **M3**.
3. Press **Talk** to dial the displayed number.
4. Press **DEL** to cancel and return to standby mode. If there is no key pressed after a few seconds, the handset will automatically return to standby mode.

EDIT SPEED DIAL BUTTONS

Select and press the button you want to edit. Press **MENU** to enter the speed dial menu. Use ▲/▼ to select one of the options and press **MENU** to enter: Edit Record, Delete Record, or Delete All.

EDITRECORD:

1. Use keypad **0…9**, *, **#** and **Pause** to enter a number at prompt.
2. Press **MENU** to save the number and return.

DELETERECORD:

Press **MENU** when the handset displays the message “delete?” to delete the number. Press any key or **DEL** key to cancel and return.

DELETE ALL:

Select this option if you want to delete all emergency and speed dial memory records.

CALLER ID DISPLAY

Caller Identification is a service offered by your local telephone company. If you are not sure you have this option in your telephone service contract, contact them for more detail. If you have a Caller ID service name, number, date, and time of the incoming call after the first ring. The KR2812 can record up to 99 caller names, and numbers. The oldest entry will be erased if the call log is over 99 records. The date and time of the phone will also be updated automatically following the first caller ID record.

Name tagging:

When an incoming call is matched with a number stored in memory, the name stored in the memory will be tagged to the incoming phone number.

Caller waiting ID:

KR2812 also display caller ID in call waiting. The identification information of the caller will be shown on the display when you are on the other call. Contact your local telephone company to have this service install for you.

If the Caller ID information is blocked, the handset will display calls with blocked name / numbers:

Private number (“P”):

10:20 AM 10/11 NEW CALL# 02
BLOCKED NUMBER

Out of area number (“O”):

10:20 AM 10/11 NEW CALL# 03
SMITH
UNKNOWN NUMBER

Private name (“P”):

10:20 AM 10/11 NEW CALL# 04
BLOCKED NAME
987-654-3210

Out of area name (“O”):

10:20 AM 10/11 NEW CALL# 05
UNKNOWN NAME
987-654-3210

If both name and number is blocked: Private name and number (“P”)

10:20 AM 10/11 NEW CALL# 06
BLOCKED CALL

Out of area name and number (“O”):

10:20 AM 10/11 NEW CALL# 06
UNKNOWN CALLER

The name or phone number of the caller ID will be display with call timer and volume level.

Call with name and number:

SOMEBODY
TALK 00:06 V01

Call with Caller ID (nimber only):

987-654-3210
TALK 00:06 V01

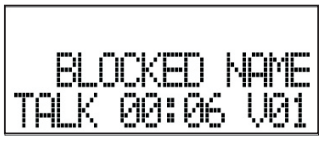
In case where the Caller ID number is blocked (and the name is not available), the incoming call is shown as:

BLOCKED NUMBER
TALK 00:06 V01

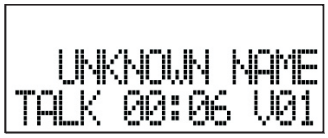
OR

UNKNOWN NUMBER
TALK 00:06 V01

For calls with a blocked name or unknown name, the Caller ID is shown as:

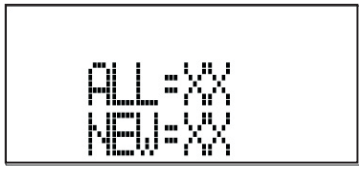


OR

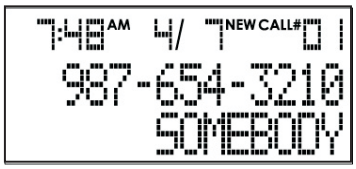


VIEWING CALLER ID RECORDS

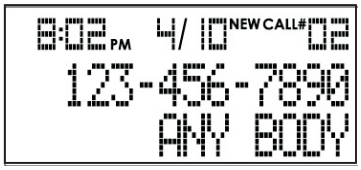
1.Press **CID** on the handset to access the call log records. If the call log is empty , a message “NO CALLS” will be displayed. Otherwise, the total number and new number of call logs will be shown.



2. Press ▲/▼ to browse the call records. The oldest record will be name as call log one.



3. Use ▲/▼ to see the call log entries.

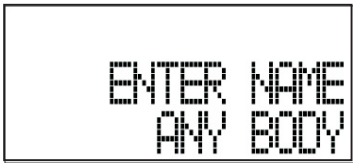


4. Press **DEL** to exit the caller ID list and return to standby mode.

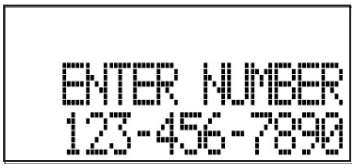
While viewing the Caller ID list, press Menu and use ▲/▼ to scroll through the menu options: ADD Record, Edit for Call, Delete Record, Delete All. Press **MENU** again to select an option.

SAVING CALLER ID RECORDS IN THE PHONEBOOK

1. When reviewing the caller ID, press **MENU** and select “ADD RECORD”. Press **MENU** again to choose. The handset will ask “ENTER NAME”. The name, from the Caller ID list, is displayed. Otherwise, the name is blank. You will enter a new name or press **MENU** again to bypass.



2. Use table 1.1 and numeric keypad to edit a name and press # to toggle between uppercase and lowercase characters.
3. Press **MENU** to save the name entry.
4. “ENTER NUMBER” message and the number from the Caller ID record, is displayed. Press **MENU** to save that number to the memory. If the number is blank, Use numeric keypad **0…9**, *****, **#**, and pause to edit a phone book number.



5. Press **MENU** to save the number entry.The display will return to show the caller ID list.

SETTING LONG DISTANCE AND AREA CODE TO THE PHONE NUMBER

When you are in the Caller ID list, press Format to toggle the number format from seven digits to ten digits (add area code) or to eleven digits (add area code and long distance).

INCOMING NUMBER	ACTION	ONSCREEN DISPLAY
AAA-NNN-NNNN	Press Format	1.NNN-NNNN 2.AAA-NNN-NNNN 3.1-AAA-NNN-NNNN

EDIT THE CALL LOG NUMBER BEFORE DIALING

You can edit the caller ID number before press **Talk** to dial. When reviewing the call log, press Menu to enter the call log menu and select “EDIT FOR CALL”. Using numeric keypad or press DEL to erase a number. The editing process will be ended if all number is erased. Press **Talk** to dial the number.

ERASING A CALLER ID RECORD

1. Press **CID** to list the record.
2. Using ▲/▼ to choose the record.
3. Press **MENU** and select “DELETE RECORD”. Press **MENU**.
4. The message “DELETE?” will be displayed. Press **MENU** again to delete. Press any key or **DEL** to cancel and return to display the call logs.

ERASING ALL CALLER ID RECORDS

1. Press **CID** to list the record.
2. Press **MENU** and select “DELETE ALL?” to delete all Caller ID entries.
3. The message “DELETE?” will be displayed. Press **MENU** again to delete all Caller ID records. Press any key or **DEL** to cancel and return to list the call logs.

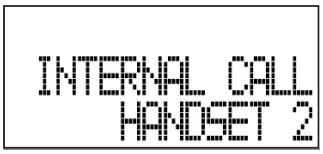
DIALING A CALLER ID RECORDE

1. Press **Talk** to dial the Caller ID entry that is displayed.

ADDITIONAL PHONE FUNCTIONS

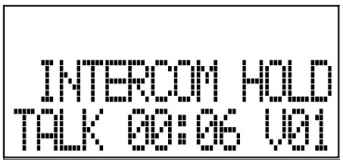
USING THE INTERCON

1. Presst **INT** at anytime to place an internal call to the other handsets even when you are answering a phone call.
2. Press ▲/▼ to select the handset.
3. Press **TALK** to call.



If there is no response from the other handset, the display will returns to previous state. If the phone is off hook, and the internal is connected, the external call will be placed on hold.

4. Pressing **INT** will toggle the between internal and external calls.



The message "INTERCOM HOLD" will be displayed to indicate that the status of the internal call.

TRANSFERRING CALLS

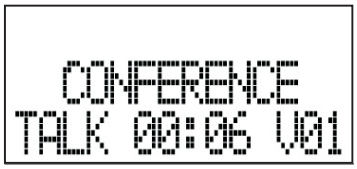
An incoming call on one handset can be transferred to another handset:

1. On the first handset, press INT (the external call will be put on hold).
2. Select a handset from the menu and press **Talk**, or press the handset number from the keypad.
3. Once the second handset answers the call, press **Talk** on the first handset to hang up the call. The second handset will be on line with the external call.

NOTE: When transferring a call, the first handset must wait for the other to answer before pressing Talk to hang up the call.

HOLDING A CONFERENCE CALL

1.Press **CONF** when you are off hook and other handset is on hold to place a conference call between the outside call and the two handsets. The handset displays will shown:



2.To stop a conference call on one of the handsets, press **Talk**. The connection will continue between the remaining parties.

If one handset is off hook and other handset try to access the line, the message "LINE IN USE" will be shown on other handset display.

ONE-WAY BASE PAGING

The paging is used to locate handsets. Press **Page** from the base unit. The base will send a signal to the handset and activate the beeps on the handset. Paging stops automatically after 120 seconds or if any key is pressed on the handset or base unit.

OTHER SETTINGS

HANDSET MENUS

KEY	FUNCTION
▲	Press to scroll up
▼	Press to scroll down
Menu	Press to confirm the selection
DEL	Press to exit to previous menu and / or exit and return to standby mode

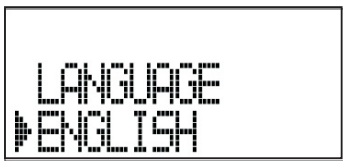
Standby
- Language
- Ring Setting
- Set Time
- Phone Setup
- Security Setting
- Set Default

1. In standby mode, press **MENU** to enter the handset menu.
2. Use ▲/▼ to select the option. The ▶ cursor will be used to indicate the option being selected. Press **MENU** again to choose the option
3. Press **Menu** to confirm and exit to the previous menu. Repeat step 3 if there are settings available to choose.
4. Press **DEL** to exit to the previous menu.

Note:
- If you are off hook or in pre-dialed mode, do not press **MENU**.
- After set up an option, the handset will generate a beep and exit the menu.

LANGUAGE

Language
- English
- French
- Spanish



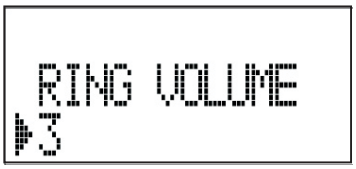
The handset LCD can display information in English, Spanish and French. Press **MENU** and choose LANGUAGE. Press **MENU** and select language you prefer. Press **MENU** again to save the option.

RING TONE AND VOLUME

You can adjust the ring tone and volume for external or internal calls by using this option. You can choose from five volume levels and three different ring tones for either call. Number 5 is loudest level.

Ring Setting			
	Ring Volume		
		External Call	1-5
		Internal Call	1-5
	Ring Tone		
		External Call	Ring Tone 1-3
		Internal Call	Ring Tone 1-3

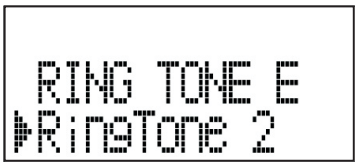
To adjust ring volume:



There are 5 different ring volume levels. The current ring tone will be played once at the new volume level. Using ▲/▼ to browse and play with ring volume. Press **MENU** to select the volume level.

You may turn the handset ringer off by using ringer switch on the handset. The setting will not change ringer setting on the base unit. Use **Ringer Hi-Low-Off s**witch to adjust ringer volume on the base.

To select ring tone:



You can choose from three different ring tones. The new ring tone will be played when the cursor browses over.

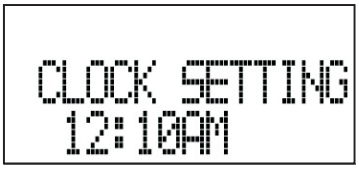
Press **MENU** to select ringer tone.

DATE AND TIME

In standby mode, the handset will display real-time clock in 12-hour or 24-hour format. Press **MENU** and select SET TIME. Press **MENU** again to choose. Press ▲ /▼ to move the cursor to the number. Use numeric keypad to enter new number. Press **MENU** to save.

- Set Time
  - Clock Setting (E.g. 12:00AM)
  - Alarm
    - Off
    - On (E.g. 12:00AM)
  - Set Format
    - 12 Hr MM/DD
    - 24 Hr DD/MM

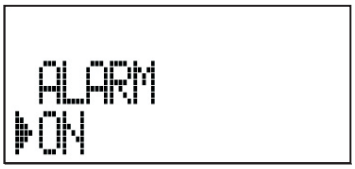
To adjust clock:

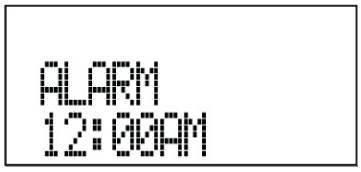


1. On the numeric keypad, press **0**...**9** to enter the new clock time. Using ▲ /▼ to move cursor from hour to minute.
2. Press **#** to toggle between AM / PM in standard 12-hour format.

To set the alarm:

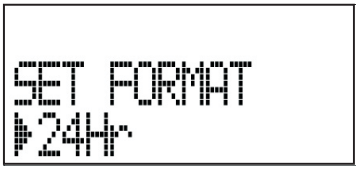
1. Use ▲ /▼ to select alarm On / Off. If the alarm is “Off”, the display will return to the previous menu. If the alarm is “On”, the display will show the alarm time setting.
2. Follow the above steps to enter the clock time to enter the alarm.
3. When the alarm trigger, press any key to snooze the alarm. The alarm will activate automatically next day.

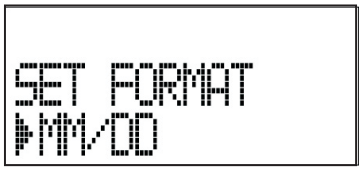




To adjust the time display format:

1. Press **MENU** and select SET TIME.
2. Use ▲/▼ to toggle between Standard 12-hour or military 24-hour formats. Press **MENU** to save the selection.
3. Enter the date format. The current Month-Date format is displayed.
4. Use ▲/▼ to toggle Month-Date formats. Press **MENU** to save the formats.

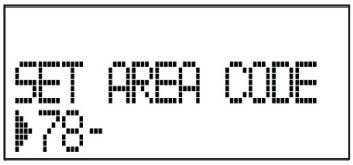




PHONE SETUP

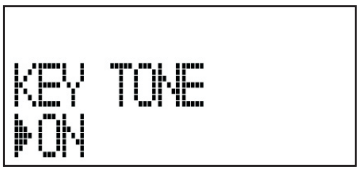
- Phone Setup
  - Set Area Code (E.g. 123)
  - Key Tone
    - On
    - Off
  - Auto Answer
    - Off
    - On
  - Baby Call
    - Off
    - On
  - Pre-fixed
    - EnterNumber
  - Dial Mode
    - Off
    - On
    - EnterNumber
  - Flash Time
    - Tone
    - Pulse
  - Handset Name
    - 100ms
    - 270ms
    - 300ms
    - 600ms
    - Entername

To set the area code:



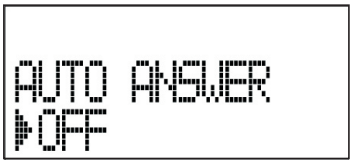
When the area code of the incoming call match with the saved area code in memory, the Caller ID number will not display the area code.

To set the key tone:



Each key press will generate a key tone. Use ▲/▼ to toggle key tone On / Off. Press **MENU** to save the setting.

To set auto answer



In auto answer mode On, the handset will automatically go off hook from an incoming call when you pick up the handset. Use ▲/▼ to toggle auto answer On / Off. Press **MENU** to save.

To set baby call:

Baby call mode allows the handset to dial a preprogram number when any key is pressed (except **MENU key**). Use ▲/▼ to toggle baby call mode On / Off. If baby call is turned off, the display will return to the previous menu. If baby call is turned on, you will be prompted to enter the baby call number. Press **0…9** to enter the number. Press **MENU** to save and exit.

When the Baby Call mode is on, press any key to begin dialing the baby call number.

To set pre-fixed dialing number:

```
PRE-FIXED
    123456789
```

The pre-fixed dialing number will be dialed automatically before dial a number. Use ▲/▼ to toggle pre-fixed dialing On / Off. If pre-fixed dialing is turned off, the display returns to the previous menu. If pre-fixed dialing is turned on, you will be prompted to enter the pre-fixed number set. Press **MENU** to save and exit.

To set dial mode:

```
DIAL MODE
▶TONE
```

There are 2 dial modes: TONE and PULSE dials. Select PULSE dial if your area does not support TONE dial. Use ▲/▼ to toggle TONE to PULSE dial mode.

NOTE: Temporary switch to tone dial mode: If pulse dial mode is default, pressing * key before enter the numbers will change the pulse-dial mode to tone dial mode. The handset will change back to pulse dial mode after the call ended.

To set flash time:

```
FLASH TIME
▶600ms
```

Use Flash feature put the current call on hold and switch to a call waiting. Use ▲/▼ to select a flash time (100ms, 270ms, 300ms or 600ms). If you are not sure which one is required by your local telephone company, choose the 600ms. Press **MENU** to save the selection.

To set programmable handset name:

```
HANDSET NAME
JOHN SMITH
```

Giving a handset a name is a best choice when you have a multi room house or multi users. It can be living room, kitchen, library, and sun room for a multi room house. It also can be John, Ryan, Sue, and Sam if there are several users. Use table 1.1 to enter a name at prompt. Press **MENU** to save. The handset name will be displayed.

SECURITY SETTING

The handset is pre-registered with the base. When you purchase an additional handset, you must register it to the base unit in order to make and receive a call. You can register up to three more handsets with one base unit.

- Security Setting
  - Registration
    - On (1 to 4)
    - Off
  - De-registration
    - On (1 to 4)
    - Off
  - Clear Msg Wait
    - No
    - Yes
  - Select Base
    - 1-4
  - Show ID

To register the handset:

```
REGISTRATION
▶2
```

```
REGISTRATION..
SUCESS
```

1. Use ▲/▼ to select base number for registration.
2. Press **MENU** to confirm the selected base number. If registration process is success, the message "SUCCESS" will be displayed. If not, you will see the message "RETRY?".
3. Press **MENU** to retry registration OR **DEL** return to the previous menu.

NOTE: The base unit will send a signal to the handset to register the handset to the base. Once the Registration process is completed, the handset will return to the previous menu.

To de-register the handset:

DEREGISTER
▶2

Follow the same steps of registering handsets to de-register handsets.

To manually clear message waiting:

CLEAR MSG WAIT
▶YES

If you have a message service, or voice mail service from your local phone company, and you have a message waiting, the base unit LED will flash. The LED only stops flashing once all messages have been checked and deleted.

In CLEAR MESSAGE WAITING, use ▲/▼ to select “Yes” or “No”. Press **MENU** to confirm. If you choose “No”, the display returns to the previous menu. If you choose “Yes”, the unit will clear the message waiting status. If successful, “SUCCESS” appears and the display returns to the previous menu.

To select base:

SELECT BASE
▶2

Follow the same steps of registering handsets to select base unit.

Show ID:

IPUIXXXXXXXXX
RFPIXXXXXXXXX

RFPI (Radio Fixed Part Identity) and IPUI (International Portable User Identity) are ID numbers matched between the handset and the base unit. It allows the base unit and the handset to identify each other during the phone registration process.

TROUBLESHOOTING

The KR2812 is designed for indoor use only. Do not set the handset in direct sun light, it will damage the LCD display which will not cover under warranty. First, check these steps, it may save you to go through a repair process:

- The base unit is connected to the power supply and phone line.
- The main power is switched on at the socket.
- The handset battery is installed and fully charged.

DO NOT open the handset or the base since it will null your warranty.

PROBLEM	POSSIBLE CAUSES/REMEDIES
"OUT OF RANGE" message on the handset	• Out of range from base unit - move the handset within 300 m (approx. 980 ft) radius from the base unit. • Interference from environment - reposition the base unit to reduce interference. (For example, move the base higher.) • De-synchronization has occurred. The base unit will need to be reset and synchronized. • Handset may not be registered to base unit.
Can not enter the options	• Ensure the handset is not placed in the cradle • Return to standby mode by pressing **DEL**
Every key I press calls a preset number	• The handset is in Baby Call mode. To deactivate see section on PHONE SETUP
Caller ID is not displayed	• Check with your telephone company for Caller ID service subscription • Full name and number need to be stored in the call log before display. Do not pick up the handset in the first ring since the Caller ID information will be send after the first ring and before second ring.
Handset does not ring	• Ring Volume is turned "OFF" (to turn ring volume on see section on RING SETTING.)
I can't hear the person talking on the other line	• Make sure that your ear is touching the top section of the handset (receiver) when you are listening to the conversation
Battery is low, even if recharged	• Battery pack is old. Replaced with a new battery pack
I can't register my new handset	• A maximum of 4 units can be registered at one time. De-register a handset and try again • Make sure you select a base number that has not been used

I can't make an internal call	• Only one handset can connect to the telephone line. Make sure that no one is using the telephone line

SPECIFICATIONS

TYPE	DESCRIPTION
Handset dimensions	41.5 mm (W) x 184.7 mm (L) x 54.2 mm (D)
Handset weight	0.171 kg (without battery)
Base unit dimensions	126.6 mm (W) x 122 mm (L) x 73 mm (D)
Base unit weight	0.186 kg
Standard	2.4Ghz ISM FHSS Worldwide Digital Cordless Telecommunications(WDCT)
Communication range	Up to 300 meters (approx. 980 feet) in open area
Base power supply	Input: 120 V / 60 Hz
	Output: 9V / 500 mA
Handset power supply	Rechargeable 600 mAh 3.6 V (AA) Ni-Cd battery pack
Operating time	Handset: approx. 6.5 hours
Standby time	Handset: at least 100 hours
Charge time	Approx. 14 hours
Display language	English, Spanish, French
Operating temperature	0 °C to 50 °C (32 °F to 122 °F)
Storage temperature	-20 °C to 60 °C (-4 °F 140 °F)

CONTACT INFORMATION

If you need more information and this booklet does not answer, please visit our website (www.krownmfg.com) to learn more. You also can find our other products you may need to order with this telephone. The website also includes contact information for our Customer Care department.

If you would like to speak one of our representatives, please call us direct (817) 738-2485.

FCC STATEMENT

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.

Privacy of communications may not be ensured when using the phone.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits 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.

This equipment is hearing aid compatible.

This product meets the applicable Industry Canada technical specifications.

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.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

CAUTION: To maintain compliance with the FCC's RF exposure guidelines place the base unit at least 20cm from nearby persons.

DECLARATION OF CONFORMITY

The information below is not to be used as contact for support or sales. Please call our customer service number (listed on our website at www.krownmfg.com, or on the warranty card for this product) for all inquiries instead.

We

Name:	Krown Manufacturing, Inc.
Address:	3408 Indale Road, Fort Worth, TX 76116

declare that the product

Product No.:	KR2812
Product Name:	Krown Digital Amplifier Cordless Phone

is in conformity with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

LIGHTNING

Your telephone has built-in lightning protection to reduce the risk of damage from surges in telephone line and power line current. This lightning protection meets or exceeds FCC requirements. However, lightning striking the telephone or power lines can damage your telephone.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone when storms approach to reduce the possibility of damage.

CONSUMER INFORMATION

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:KT5W400BKR2812. If requested, this number must be provided to the telephone company.

An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., RJ11C) in the packaging with each piece of approved terminal equipment. The mounting of the approval unit in the final assembly must be made so that the approved unit is isolated from exposure to any hazardous voltages within the assembly. Adequate separation and restraint of cable and cords have provided.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. [For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:KT5W400BKR2812. The digits represented by N/A are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.]

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service. Should you experience trouble with this equipment, please contact Krown Manufacturing at www.krownmfg.com/html/contactus.html OR call (817) 738-2485 for repair or warranty information.

If the equipment KR2812 is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

NOTICE: If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this KR2812 does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

NOTICE: According to telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge arrestor is recommended.

WARRANTY

Krown Manufacturing, Inc. warrants that the Digital Amplifier Cordless Phone KR2812 sold by Krown Manufacturing, Inc. is free from defects in materials and workmanship under normal use and service for one year. This warranty is applicable only to the original purchaser of the cordless phone when accompanied by a sale receipt stating the date of purchase and the name of the company from which purchased. This warranty is in lieu and excludes all other warranties, expressed or implied, including any implied warranty of merchantability or fitness and of any obligation on the part of Krown Manufacturing, Inc. If the phone shall prove the defective, then Krown Manufacturing, Inc shall either replace or repair the phone at no cost to the original purchaser within one year of the date of purchase. During the one-year period you may return the phone to Krown Manufacturing, Inc. at the following address:

Krown Manufacturing, Inc.
3408 Indale Rd.
Fort Worth, TX 76116

Shipping charges are at the customer's expense. Please include a check or money order make out to Krown Manufacturing in the amount of $15.00 to cover for the Shipping and Handling. This warranty does not extend to any phone sold by Krown Manufacturing, Inc., which has been subjected to misuse, neglect, accident, improper application, improper installation, or any use in violation of the instruction furnished by Krown Manufacturing, Inc. This warranty does not extend to or apply to any phone, which has been repaired or altered by any persons who have not been expressly approved by Krown Manufacturing, Inc.

Krown Manufacturing, Inc. shall not be liable for any special or consequential damages or for loss or expense directly or indirectly arising from use of the product or any inability to use them either separately or in combination with other equipment or product accessories or from any other cause. This warranty is only applicable to a product purchased through Krown Manufacturing, Compu-TTY, or a Krown dealer. Other than state herein, there is no other warranty whether by the sample or model, by description or quantity, whether expressed or implied, and there are no implied warranties of fitness for a particular purpose or of merchantability.