

GH3065 2.4GHz Cordless Speakerphone with CID Type II, Clock, Radio and CD

OPERATION MANUAL

This model is 2.4GHz cordless speakerphone for USA. Besides the function of speakerphone and CID type I, II receiving, it integrated with clock/alarm, radio and CD.

1 FEATURES

1.1 CORDLESS HANDSET FEATURES

- 2.4GHz 40 channels auto scanning operation
- Manual channel selection
- 65536 Random combinations of security code
- Page/Handset locator
- Out of range warning
- Compander
- Ringer On/Off
- Auto Standby feature
- Auto Answer connection
- Any key answer
- Handset ringing
- LCD in HTN for CID and operation prompts
- Back-lighted LCD
- Temporary touch tone (pulse to tone dialing)
- 10 indirect memories (16-digits / phone no.)
- Mixed mode dialing (auto insert of 4 sec. pause when mode change from Pulse to Tone)
- Chained memory dialing of 32 digits max.
- Flash key for call waiting and call transfer (Flash time is 600ms.)
- Pause key (pause time is 4 seconds)
- Direct number dial out
- Memory direct dial out
- Last number re-dial (32 digits max.)
- Direct redial
- Redial & CID transfer to in-direct memory (max 16 digits long)
- Receiver volume control (Low /Mid/ High)
- Low battery warning tone
- Power saving in standby mode (7 days of standby life)
- Hearing Aid compatible

1.2 CALLER ID HANDSET FEATURES

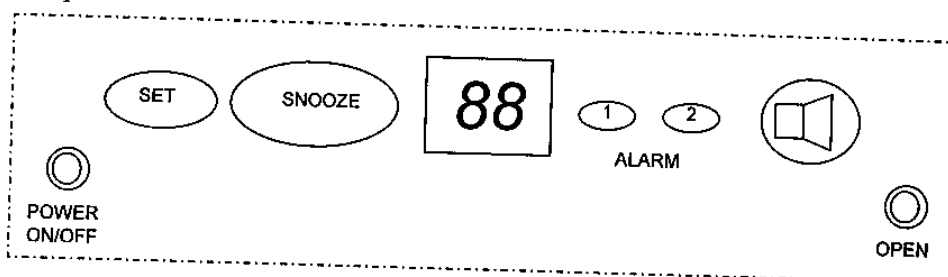
- Type I + Type II (call waiting)
- 64 name and number caller ID (max 15 characters of name and 12 digits of number)
- 3-line display
- Total call counter
- New call LED indicator in handset
- Repeat call indication (LCD icon)
- 3-language operation (English, Spanish & French)
- Programmable Area code (3 digits)
- Scroll review of CID records
- Selective-erase / Erase-all function
- Real time clock (date & time)
- Private/ out-of-area indication
- VIP call Icon
- LCD contrast control (software control, 8 levels, default at level 5)
- Call Back (CID dial back)
- Battery low indication ('Battery Low' text display on the 3rd line)

1.3 CLOCK/RADIO/CD BASE FEATURE

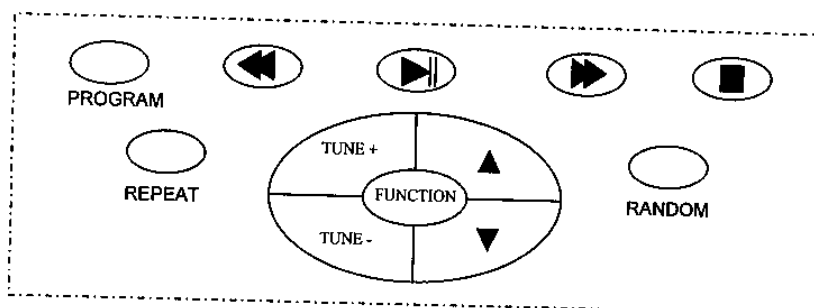
- CID data displays on the LCD (2-lines) during incoming call about 20 sec (without review and redial function)
- Speakerphone function – receive incoming call in hand-free mode
- Page to locate the handset (short and long page)
- Tone / Pulse dialing mode selection switch
- Clock
 - Big Characteristic real time clock display on oversize LCD
 - Dual Alarms and alarm for 15 minutes
 - Alarm mode setting
 - a. Alarm wake to Buzzer, Radio or CD (1st track)
 - b. Alarm level + 6dB On/Off option on 'Alarm wake to Radio' or 'Alarm to CD'
 - Oversize Snooze Control
 - a. 9 minutes per section, max 1 hour
 - b. Wake to radio/CD – last volume setting
 - c. Wake to buzzer – 65dBA, same as ringer
 - Sleep Control (15min/30min/60min/90min/Off)
 - Time Set and Alarm Set (Hour and Minute)
 - AM/PM and Alarm indicators
 - Alarm On/Off function
 - Alarm On/Off Indicator
- Radio/CD
 - Radio/ CD Player On/Off control
 - Radio /CD selection with restore when Radio/CD power on
 - Digital Stereo AM/FM Radio Tuner
 - Auto Tuning Scan
 - Pre-set Memory: 10 for AM and 10 for FM
 - Radio Stereo Indicator: "ST" display on base LCD
 - Digital Volume
 - Dual LCD on Base: one for CD, another for Radio/CID/Clock

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- Stereo CD player function:
 - a. Play/Pause
 - b. Back (Whole track or Skipping within same track)
 - c. Next (Skip)
 - d. Stop
 - e. Random
 - f. Repeat 1(same track) or Repeat All (Whole Disc)
 - g. Program (Up to 20 tracks)
- Blue Back light:
 - Radio/CD On – always on
 - Alarm On – always on
 - Touch any keys on the base – stay 10 sec after touching key
 - Caller ID come in – stay 10 sec after CID display
 - 3-levels Back light control including Off position
- DC Battery pack (DC10V 850mA adapter)

1.4 CONTROL BUTTONS**1.4.1 Top of BASE**

- Power On/Off
- Set
- Snooze
- Alarm 1
- Alarm 2
- Speaker
- CD Open

1.4.2 Front of BASE

- Function
- Tune +
- Tune -

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- Up
- Down
- Play/Pause
- Stop
- Forward
- Back
- Repeat
- Program
- Random

1.4.3 Switches on BASE

- Power Jack (DC adapter)
- Phone Jack (telephone line)
- Ringer (Hi/Low/Off)
- Tone / Pulse
- LCD back light contrast switch (Bright/Normal/ Off)

1.4.4 Keys on HANDSET

- Calls
- Delete
- Talk
- Memory
- Flash
- Key pad 3x4 (1, 2, 3, 4, 5, 6, 7, 8, 9, */up, 0, #/down)
- Redial
- Channel
- Volume / Ringer

1.4.5 Switches on HANDSET

- Headset Jack

2 CLOCK / ALARM OPERATION

The Base unit has a 12-hour system clock and two individual alarms. The clock is always displayed on the Base LCD while it is powered with DC adapter.

2.1 Base LCD

It has 4 lines for display of clock, CID and operation prompts



2.1.1 1st Line : Icons

- " " : lights while battery low
- "SLEEP" : lights while Sleep timer running
- "CD" : lights if Wake to CD is set
- "RADIO" : lights if Wake to Radio is set
- "BUZZER" : lights if Wake to Buzzer is set
- "PROG" : flashes while set radio station to memory
- "ST" : lights while the radio playing in stereo
- " " : lights if alarm 1 enabled; flashes while alarm 1 comes
- " " : lights if alarm 2 enabled; flashes while alarm 2 comes

2.1.2 2nd Line: 12-hour system clock with AM/PM icons

2.1.3 3rd Line: Number

- CID number, up to 12 digits
- Frequency of radio, AM 520.0 – 1710.0KHz; FM 87.5 – 108.0MHz

2.1.4 4th Line: Character

- CID name or relative information
- Prompts for operation of clock/alarm, radio, CD, speakerphone and cordless phone.

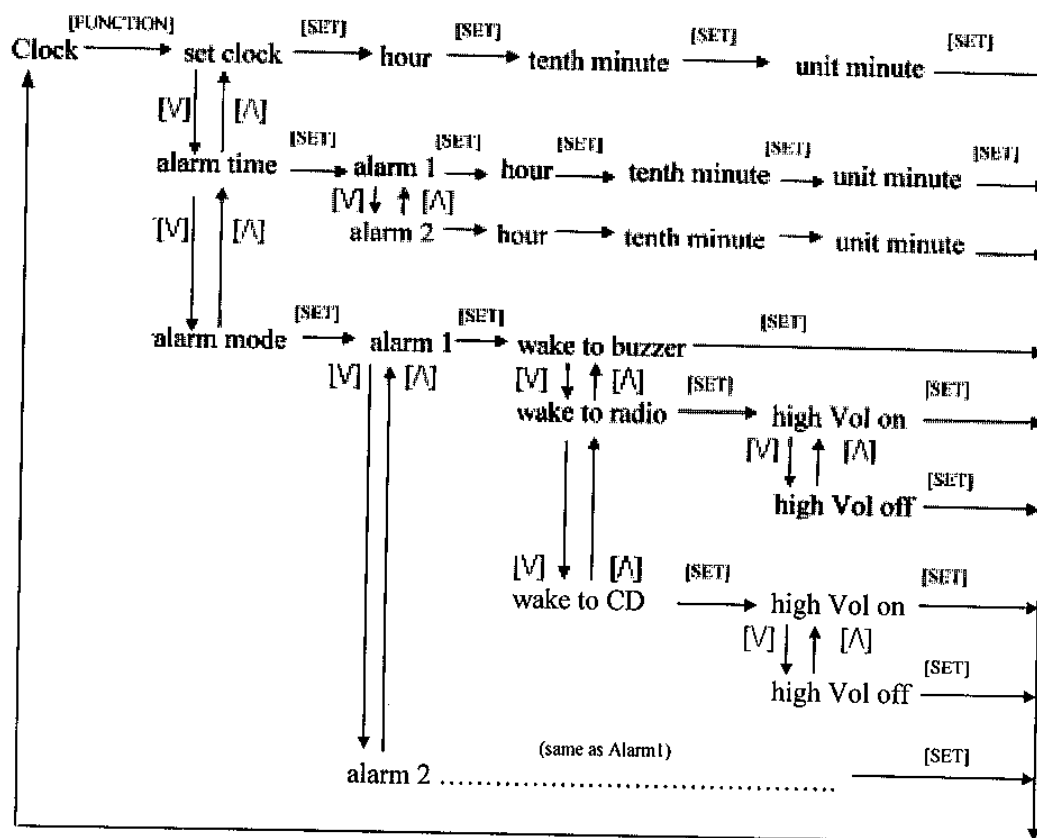
2.2 Initial Power Up

- 2.2.1 Plug the DC adapter into the base unit, the back light of the LCD will light if the back-light switch is in on position.
- 2.2.2 The base unit enters Standby mode and the LCD displays the clock.
- 2.2.3 If backup battery is not installed, all settings such as time, alarm and data in memory will be lost. Display will show "AM 12:00".
- 2.2.4 If backup battery is installed and voltage is good, right time shall be restored when power is restored again.
- 2.2.5 The colon of the clock flashes in 1s on/1s off.
- 2.2.6 The clock accuracy is +/-30 seconds per month.
- 2.2.7 The clock will be updated automatically by incoming CID.

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2.3 Set Clock

2.3.1 The clock/alarm setting procedure is summarized as following diagram.

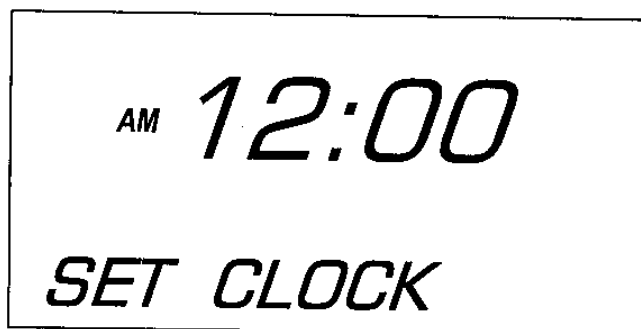


Note: - At the end of each procedure, pressing [SET], [FUNCTION] keys or timeout (20sec) can save the setting.

- If setting is not completed, 20 sec timeout occurs and the unit will return to the Standby mode.
- Pressing [FUNCTION] key can go back to the upper layer of the menu.

2.3.2 When the telephone is not used, press the [FUNCTION] to enter the Clock/Alarm Setting mode.

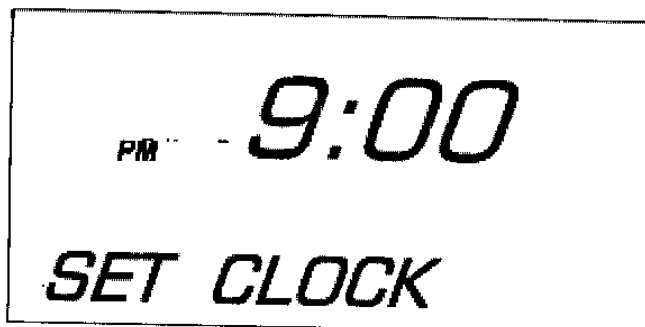
2.3.3 The prompt "SET CLOCK" is displayed. The colon of the clock stops flashing.



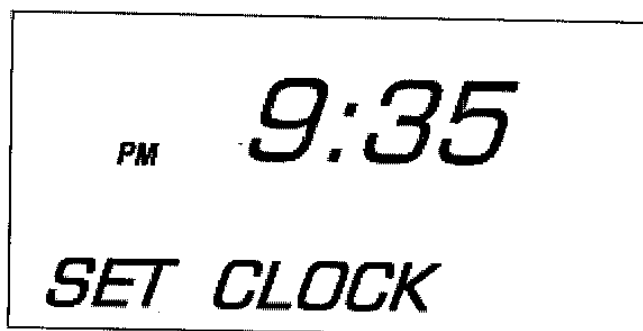
2.3.4 Press the [SET], the hour digits will flash for setting.

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- 2.3.5 Press the [^] or [v] to select the correct hour time starting from current hour.
 The up sequence is: AM 12 → AM 1 → AM 2 → ... → AM 11 → PM 12 →
 PM 1 → PM 2 → ... → PM 11 → AM 12.
 e.g. "PM 9" is as follows:



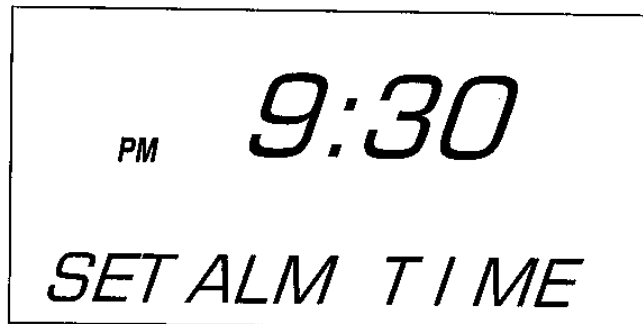
- 2.3.6 Press the [SET] to confirm, then the tenth minute digit will flash for setting.
 2.3.7 Press the [^] or [v] to set the tenth minute,
 e.g. it is "3" for 30 minutes:



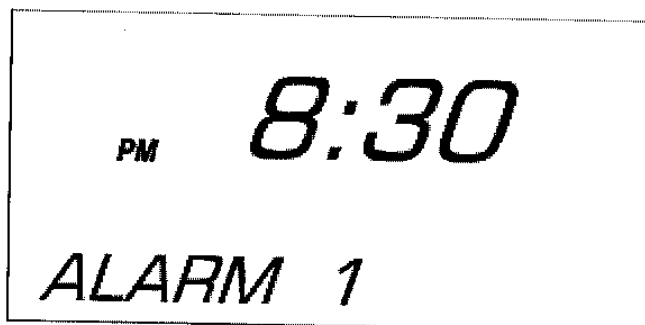
- 2.3.8 Press the [SET] to confirm, then the unit minute digit will flash for setting.
 2.3.9 Press the [^] or [v] to set the unit minute, e.g. "5" as above.
 2.3.10 Press the [SET] to complete setting. Then the unit returns to Standby mode.

2.4 Check and Set Alarm Time

- 2.4.1 When the telephone is not used, press the [FUNCTION] to enter the Clock/Alarm Setting mode.
 2.4.2 Press the [^] or [v] until "SET ALM TIME" is displayed.



- 2.4.3 Press the [SET], prompt "ALARM 1" displays. The alarm1 time is also shown. If the alarm is never set, default value "AM 12:00" will be displayed.



- 2.4.4 Press the [^] or [v] to select "ALARM 1" or "ALARM 2".
 Note: If exit in this stage, the alarm time and alarm mode will not be changed.
- 2.4.5 Press the [SET] to set the alarm time, the hour digits will flash for setting.
- 2.4.6 Press the [^] or [v] to set the hour. The up sequence is: AM 12 -> AM 1 -> AM 2 -> ... -> AM 11 -> PM 12 -> PM 1 -> PM 2 -> ... -> PM 11 -> AM 12.
- 2.4.7 Press the [SET] to confirm, the tenth minute digit will flash for setting.
- 2.4.8 Press the [^] or [v] to set the tenth minute.
- 2.4.9 Press the [SET] to confirm, the unit minute digit will flash for setting.
- 2.4.10 Press [^] or [v] to set the unit minute time.
- 2.4.11 Press the [SET] or [FUNCTION] to complete setting. The icon of this alarm will light to indicate this alarm is on.
 Note: Once the alarm time or alarm mode are changed by user, the alarm will be set to "On".

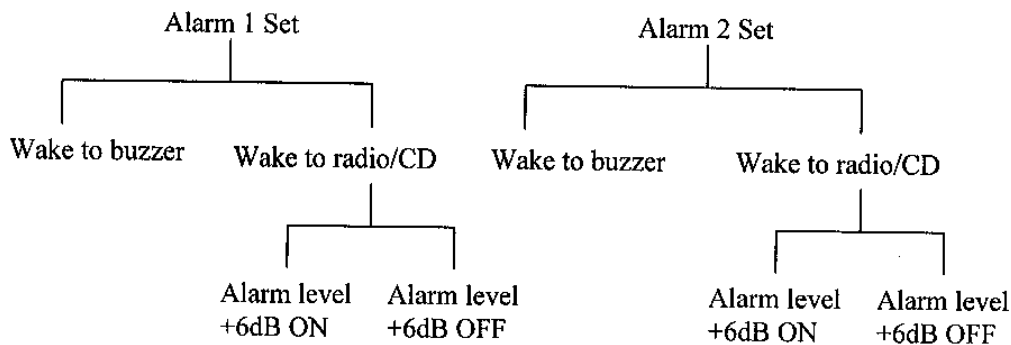
2.5 Set Alarm Mode

- 2.5.1 The alarm can be set to wake up to Buzzer/Radio/CD in "Alarm Mode" setting menu.

- Note: 1. Press [FUNCTION] key can go back to the upper layer of the menu.
 2. If setting is not completed, 20 sec timeout occurs.
 3. Alarm Level +6dB is set for 'wake up to radio' or 'wake up to CD', not for 'wake up to buzzer'.

- 2.5.2 Modes of alarm 1 and alarm 2 can be set individually

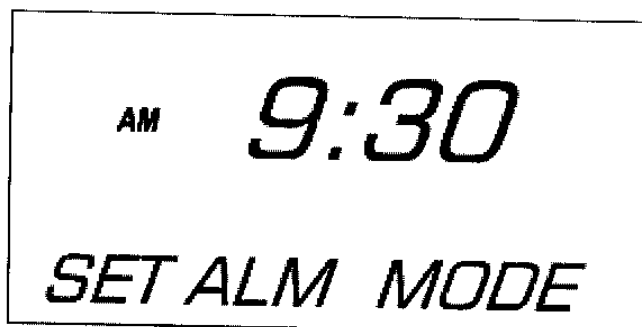
Individual Set of Alarm Mode



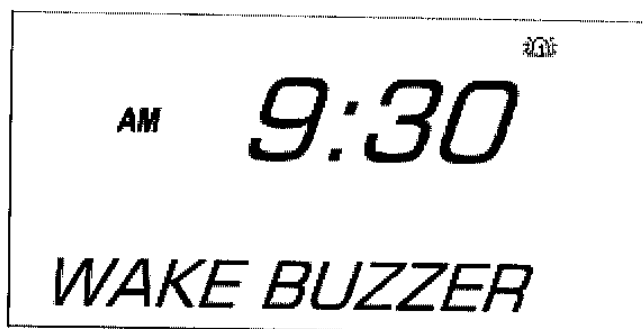
- 2.5.3 When the telephone is not used, press the [FUNCTION] to enter the Clock/Alarm Setting mode.

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- 2.5.4 Press the [^] or [v] until "SET ALM MODE" is displayed.

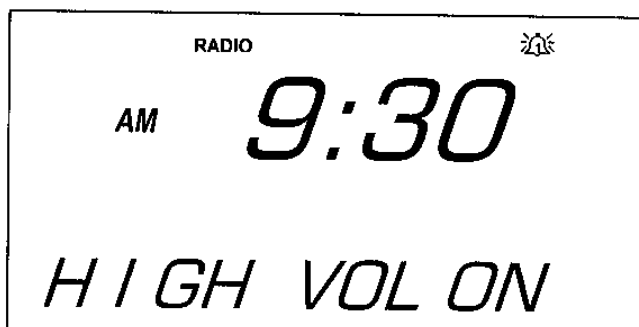


- 2.5.5 Press the [SET], prompt "ALARM 1" is displayed and the relative alarm time is shown.
- 2.5.6 Press the [^] or [v] to select "ALARM 1" or "ALARM 2".
- 2.5.7 Press the [SET], prompt "WAKE BUZZER" is displayed.



Note: Once "WAKE BUZZER" is displayed, the alarm icon will be turned on.

- 2.5.8 Press the [^] or [v] to select "WAKE BUZZER", "WAKE RADIO" or "WAKE CD"
- 2.5.9 Press the [SET] to confirm the selection.
- If "WAKE BUZZER" is selected, the Buzzer icon will be lighted. The Alarm buzzer will sound at the set alarm time.
 - If "WAKE RADIO" is selected, the Radio icon will be lighted. The Radio will start playing at the set alarm time.
 - If "WAKE CD" is selected, the CD icon will be lighted. The CD will start playing from the 1st track at the set alarm time.
- 2.5.10 If Wake to Buzzer is confirmed, the setting is completed.
- 2.5.11 If Wake to Radio or to CD is confirmed, "HIGH VOL ON" will display. Press the [^] or [v] to select "HIGH VOL ON" or "HIGH VOL OFF".



- 2.5.12 Press the [SET] to complete the setting and exit; or press [FUNCTION] to complete the setting and go to Alarm Mode menu.

2.6 Alarm On/Off

- 2.6.1 The alarm default is Off.
- 2.6.2 Checking the alarm time should not affect the alarm On/Off setting.
- 2.6.3 Once the alarm time or alarm mode are set or changed, the alarm will be set to "On".
- 2.6.4 In Standby mode, pressing and holding the [ALARM 1] or [ALARM 2] for 2s can switch the alarm 1 or alarm 2 – from Off to On or from On to Off. A confirmation tone is generated with the switching.
- 2.6.5 When the alarm on, its icon and one of Buzzer/Radio/CD icons will light; when the alarm off, these relative icons will turn off.

2.7 Wake up to Buzzer / Radio/CD

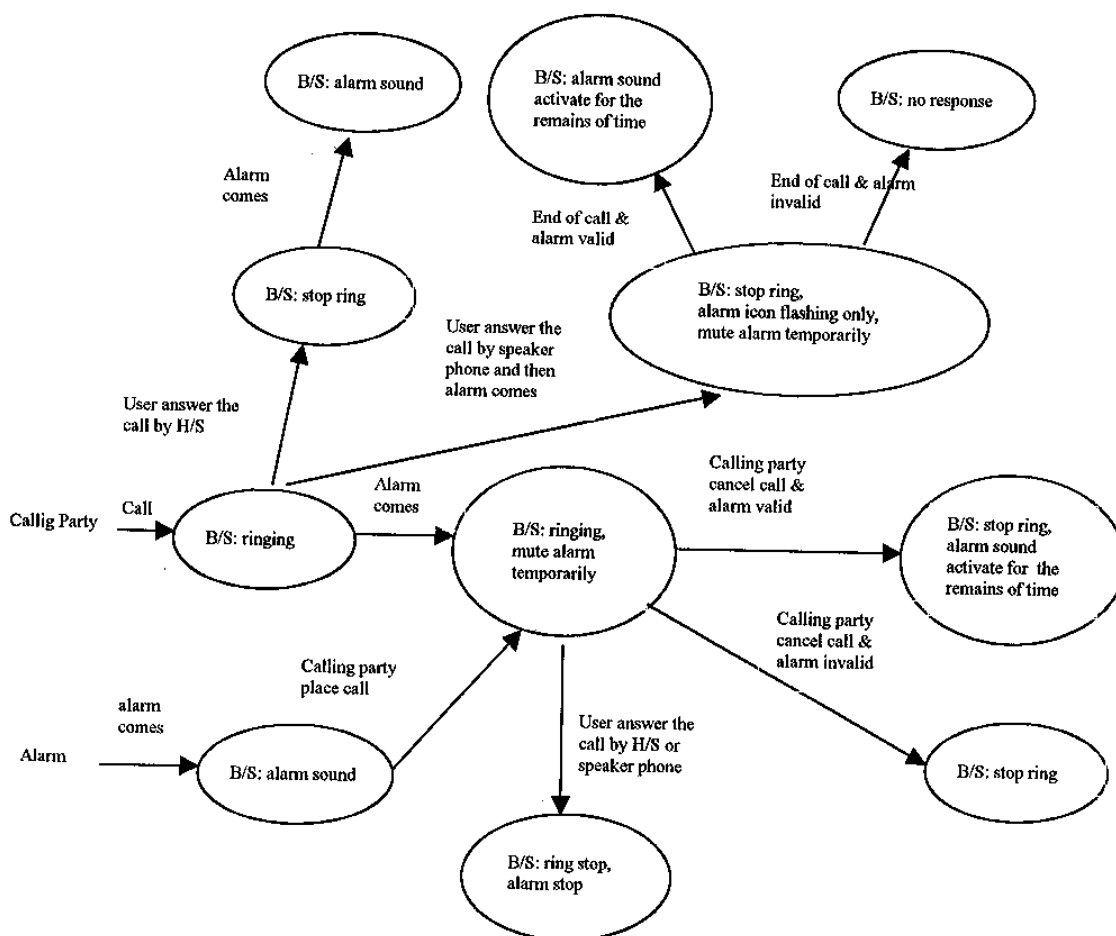
- 2.7.1 The alarm wake up to Buzzer/Radio/CD can operate in Standby mode, or during telephone conversation or even you listen to radio/CD, such as
- 'wake up to radio' activates when radio is on.
 - 'wake up to radio' activates when CD is on.
 - 'wake up to CD' activates when radio is on.
 - 'wake up to CD' activates when CD is on.
 - 'wake up to Buzzer' activates when radio or CD is on.
- 2.7.2 When the alarm1 or alarm 2 activates at the set times, the alarm1 icon or alarm2 icon will flash. Each alarm period is 15 minutes.
- Note: 1. Default setting of alarm:
- The volume of Wake to Radio/CD equals the last volume setting
 - The volume of Wake to Buzzer is 72dBA, same as ringer
2. "High Vol On" activate:
- The volume of Wake to Radio/CD = last volume setting + 6dB
 - The volume of Wake to Buzzer is 72dBA, same as ringer
3. The latest alarm setting is effective, e.g. while radio is broadcasting, Alarm2 activates in "Wake to CD", the radio should turn off and CD starts playing; and then Alarm1 activates in "Wake to buzzer", the CD will stop and buzzer sounds.
- 2.7.3 Alarms can be ceased by pressing some buttons:
- Pressing [Alarm 1], [Alarm 2] or [SET] can stop the alarm and return Standby mode immediately.
 - Pressing [POWER ON/OFF] will stop alarm and enter following two states:

Case 1: If 'wake up to buzzer' sounds, pressing [POWER ON/OFF] will stop the buzzer and then turn on radio/CD

Case 2: If 'wake up to radio/CD' sounds, pressing [POWER ON/OFF] will turn off radio/CD to stop the alarm
 - Pressing [SPEAKER] or handset [TALK] key will stop alarm and then the unit will seize line.
- Note: While alarm or Snooze function activates, [PAGE], [FUNCTION], [TUNE+], [TUNE-], [^] or [v] will not respond.
- 2.7.4 After the alarm stops, the alarm1 and/or alarm 2 icons will stop flashing but still light. The alarm will activate again at same time of next day.
- 2.7.5 When both alarm and incoming ringing tone activate, ringing tone will be

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Ringing:



2.8 Snooze Function

2.8.1 When the alarm sounds, press the [SNOOZE], the alarm will stop for 9 minutes and come again. Then pressing [SNOOZE] will stop the alarm for another 9 minutes. Total snooze time is 1 hour.

Note: If both Alarm 1 and Alarm 2 are set within 9 minutes of each other, last alarm overrides the previous one.

E.g. Alarm 1 set at 11:15am, Alarm 2 set at 11:19am

- Alarm 1 wake up and snooze at Alarm 1.
- After 4 minutes, Alarm 2 wakes up.
- Discard Alarm 1 and only work for Alarm 2 until next Alarm 1 time arrival.
- In this case, the last alarm (Alarm 2) overrides the previous one (Alarm 1).

2.8.2 Snooze will end by following operations

- Press some keys to stop the alarm
- 15 minutes of alarm completed
- 1 hour snooze time is over

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3 RADIO OPERATION

The unit has AM/FM stereo radio with digital tuning.

Note: 1. Radio can not operate without DC supply power.

2. Radio can not be turned on while the telephone is working

3. Radio is muted when the phone is in ringing and conversation status.

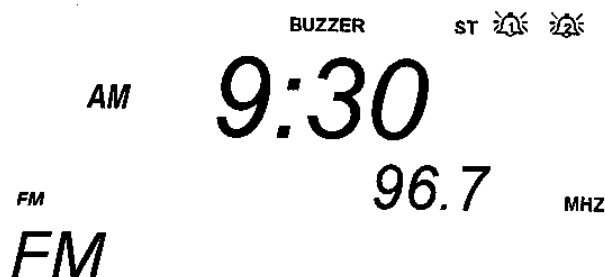
During receiving CID, the icon "FM" / "AM" continue to turn on and the icon "KHZ" / "MHZ" extinguishes.

3.1 Radio Tuning

3.1.1 When the telephone is not working, pressing [POWER ON/OFF] key can exit the current mode and turn on the radio/CD power immediately.

Note: Radio or CD will be turned on depending on which one worked before previous power off. If radio worked, the radio will be turned on with the last band at this time; if CD worked, CD will be on. The default is radio on in band FM.

3.1.2 Press the [FUNCTION] to select radio band. The sequence is: "FM" -> "AM" -> "CD" -> "FM"



Note: The displayed frequency is the last one, which was displayed before the unit exited the band or the radio was turned off in previous operation. If a memory location was displayed in that time, it will also be displayed in this time. (Defaults are FM 87.5MHz or AM520.0KHz, CH1).

3.1.3 Tune to the desired station by pressing [TUNE+] or [TUNE -]. Prompt "FM TUNING" or "AM TUNING" and the frequency are displayed on LCD. Each time the buttons are pressed, the frequency changes by one step.

3.1.4 For automatic tuning, keep the [TUNE+] or [TUNE -] pressed until the frequency starts to change rapidly, release the button then it will stop at next strong station.

3.1.5 Wait 20s timeout to exit. Pressing [SET], [FUNCTION], [SNOOZE] or [^]/[v] buttons will exit turning and perform relative function.

3.1.6 While radio on, pressing [POWER ON/OFF] at any time can turn off the Radio.

3.2 Presetting Station

3.2.1 When radio is on, tune to the desired station by pressing [TUNE+] or [TUNE-], "FM TUNING" or "AM TUNING" will display on LCD. Each time the buttons are pressed, the frequency changes by one step.

3.2.2 For automatic tuning, keep the [TUNE+] or [TUNE -] pressed until the frequency starts to change rapidly, release the button then it will stop at next strong station.

3.2.3 Press and hold the [SET] button for 2 seconds, a beep sounds, "PROG" icon will flash, "FM MEMORY" or "AM MEMORY", the last memory location

(CH*) and its frequency will be shown on the LCD.

- 3.2.4 While icon "PROG" is blinking, press [TUNE+] or [TUNE-] to choose a memory, the location (CH1-CH10) is displayed at the left of radio frequency.
- 3.2.5 Press [SET] to confirm. The frequency displayed is stored into that memory. The memory location and the frequency are still displayed on the LCD.
- 3.2.6 Repeat the above steps to store other stations into the memory. Up to 10 AM and 10 FM stations can be stored into the preset memories.
- 3.2.7 Wait 20s timeout to exit. Pressing [FUNCTION] or [^]/[v] buttons will exit and perform relative function without saving the memory.

3.3 Listen to Preset Memory Stations

- 3.3.1 When radio is on, press the [SET] once, the last station memory is recalled. The LCD displays "FM MEMORY" or "AM MEMORY" in dot matrix row; "CHx" and its frequency in 7-segment row.
- 3.3.2 Select another memory by pressing [TUNE+] or [TUNE-].
- 3.3.3 Wait 20s timeout to exit. Pressing [SET], [FUNCTION], [SNOOZE] or [^]/[v] buttons will exit and perform relative functions. But "CHx" and its frequency will keep on the display.

3.4 Stereo / Mono

There are not any procedures to set radio stereo/mono. ST icon will light when a stereo station is received.

3.5 Sleep Function

The radio or CD can turn off automatically after playing a period. This is Sleep function.

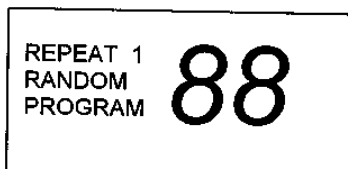
- 3.5.1 Press [SNOOZE] when the telephone is not used and alarm is not sounding, prompt "SLEEP 15" will be displayed at the bottom of LCD.
- 3.5.2 Then radio or CD, depending on which was on before, will start playing if they are in off state.
- 3.5.3 Press the [SNOOZE] button to select the desired playing time in the sequence: 15 min → 30 min → 60 min → 90 min → SLEEP OFF → 15 min ...
- 3.5.4 Press [SET] or [FUNCTION] button or wait 20s timeout to complete the setting. The "SLEEP" icon will be on if any sleep time is set.
Note: 1. If "Sleep Off" is selected, the radio/CD will turn off when exit the sleep setting.
2. During sleep mode, radio, CD and the wake up to buzzer/radio/CD function still work.
3. Sleep function is one-time activated, once the radio/CD power off, it will be canceled.
- 3.5.5 Pressing [TUNE+]/[TUNE-] or [^]/[v] buttons will complete the sleep setting and then perform the relative functions.

3.6 Adjusting Volume of Radio/CD

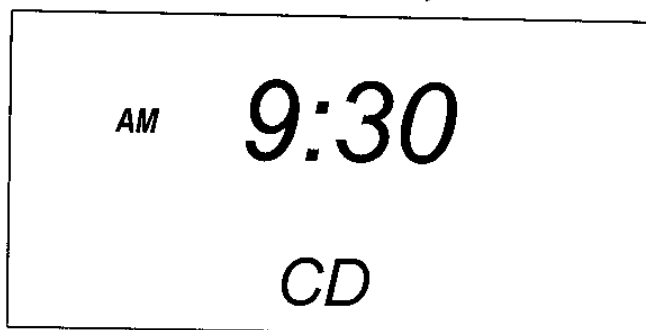
- 3.6.1 When Radio/CD is on, press the [^] or [v] to select the desired radio/CD volume: level 0 to level 8. "LEVEL x" will be displayed at the bottom of LCD.
Note: The default level of volume is level 4
- 3.6.2 Press any other function buttons or 20s timeout to exit the level display.
- 3.6.3 The last volume setting will be effect when next radio/CD power on.
- 3.6.4 Radio /CD will be muted while the telephone working or ringing.

4 CD OPERATION

- Note:
1. CD unit does not operate during DC supply power failure.
 2. CD unit is muted when the phone is in ringing and conversation status.
 3. CD and radio can not operation at same time.
 4. CD and radio have same volume control.
 5. The LCD of CD will show the current track number or total tracks in 2 digits and indicates modes with some icons.



6. The base LCD will show prompt "CD" in Standby mode.



4.1 Turn on CD

- 4.1.1 Press [POWER ON/OFF] to turn on radio/CD.
 - 4.1.2 Press the [FUNCTION] to select CD. The sequence is: "FM" -> "AM" -> "CD" -> "FM"
- Note: If the CD worked before previous power off, the CD should be on after the power on, i.e. "CD" will be the 1st item after pressing [FUNCTION].
- 4.1.3 Press OPEN button to open the flap, insert a CD disc and close it.
 - 4.1.4 The CD will stay in Stop mode and wait for the key operation.
 - 4.1.5 The LCD of CD will display total tracks of the CD or display "-" if there is not a CD disc.

4.2 Play/ Pause

- 4.2.1 Press [PLAY/PAUSE] in Stop mode, the disc will start play from its 1st track.
- 4.2.2 The number of track playing is displayed in the LCD of CD.
- 4.2.3 While the CD is playing, press this key will result in CD pause. Each successive press of the [PLAY/PAUSE] toggles between Play and Pause.
- 4.2.4 The Pause mode is indicated by the track display flashing.

4.3 Stop Playing

- 4.3.1 Press [STOP] during CD playing, the CD will stop playing and enters Stop mode.
 - 4.3.2 Pressing [FUNCTION] can also stop CD playing when FM or AM is displayed and the radio is turned on.
- Note: When press [FUNCTION] to select CD again, the CD player will not play until press [PLAY/PAUSE].

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4.3.3 The LCD of CD will temporarily indicating '-' on the display. After completely stopped it will show the total number of tracks on the display.

4.3.4 Pressing [POWER ON/OFF] key or open the flap will stop CD playing and turn off the radio/CD power.

4.4 Skip Fwd/Back

4.4.1 If the [>>] key is pressed during Stop mode, the CD unit will go to Play/Pause mode at the beginning of track 1; if [<<] is pressed, it will go to the last track of the CD.

4.4.2 If skip fwd [>>] key is pressed during CD playing, it will execute a jump to the next track; if skip back [<<] is pressed, it will go back to previous track. At the last (first) track a wrap around to the first (last) track is executed, independently from the Repeat mode.

4.5 Search Fwd/Back

4.5.1 To go into search mode (also named fast fwd/back mode) the skip fwd/back key [>>] or [<<] have to be pressed and hold for more than 1s.

4.5.2 While CD is playing, search is executed in the chosen direction until the key is released. At the end of the disc (fast forward) or at the beginning of the disc (fast back) it will enter Stop mode unless Repeat is activated.

4.6 Repeat

4.6.1 Pressing [REPEAT] key will change repeat modes as follows:

Starting from normal (= repeat off) → repeat 1 → repeat all → repeat off.

4.6.2 The icon "REPEAT" or "REPEAT 1" on the CD LCD will light to indicate the relative modes.

4.6.3 If repeat 1 is selected, Search is released at the end of the actual track. Then repeat 1 function is executed.

4.6.4 Press [STOP] key, Repeat mode will also be deleted

4.7 Programming

4.7.1 Press the [PROGRAM] key in Stop mode, the unit will enter Program mode. The program icon will be displayed and a flashing track 1.

4.7.2 With skip keys [<<] or [>>] another flashing track number can be selected. At the limits (track 1 or last track) a wrap around will be executed.

4.7.3 Through the second press of the [PROGRAM] key, the selected track number (flashing) will be saved to program place 1.

4.7.4 For 1 second the program place is displayed continuously, the selected track is flashing again. The next press of [PROGRAM] key will save program place 2.

4.7.5 To finish the programming, press [STOP] key and it will return to Stop mode. The track is saved.

4.7.6 Up to 20 tracks can be saved, then it will return to Stop mode automatically.

4.7.7 The program will be cleaned when turn off CD or open the flap.

4.8 Program Play

4.8.1 Pressing [PLAY] key will lead to normal Play mode, the program icon in the display indicates whether there is a program existing.

4.8.2 Pressing [PROGRAM] and then [PLAY] will lead to Program Play mode. This mode is indicated by a flashing program icon.

4.8.3 Press skip keys [<<] or [>>], the next (or previous) track of the programmed sequence will be accessed. At the limits (first programmed track + back key or

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last programmed track + fwd key) it will go to Stop mode unless the Repeat mode has been active. In that case a wrap around will be executed.

- 4.8.4 Press and hold skip keys [<<] or [>>] over 1s, the Search (i.e. fast fwd/back) is kept until the key is released, or until the track number changes. That means arriving at the end (search fwd) or at the beginning (search back) of the track is reached. Then a jump to the succeeding track number will be initiated and the Search mode is released.

4.9 Random Play

- 4.9.1 Press [RANDOM] key, the track of a CD will be played in random order. If MIX is pressed during *stop mode* it will start play in MIX mode. The icon 'RANDOM' lights.
- 4.9.2 The Random play can be switched off by pressing the [RANDOM] or [STOP] keys. It will also be switched off by opening the flap.
- 4.9.3 It is possible to have repeat activated during Random playing.
- 4.9.4 Press skip keys [<<] or [>>] during Random playing, it will jump to the next random track not yet played before.
- 4.9.5 Press and hold skip keys [<<] or [>>] for over 1s, Search is executed until the key is released or until a new track number is reached. Then a jump to the next random track is executed and Search mode is released. If 'repeat 1' is activated the current track will be repeated.
- 4.9.6 The Random mode cannot be activated during program is played.

5 BASE POWER MANAGEMENT

5.1 Battery Backup

5.1.1 If full capacity battery is installed, real time clock shall keep running when DC adapter is off for at least 24 hours.

Note: snooze timer will keep running when DC power failure. Besides, battery should backup following items:

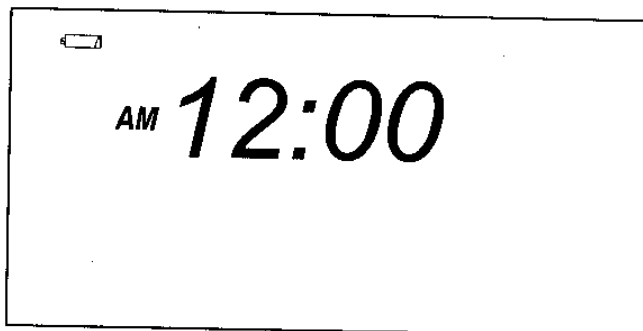
- alarm (1,2) time
- alarm (1,2) action setting (e.g. enable/disable, wake up to radio/CD or buzzer).
- radio pre_memory (10 of FM memory and 10 of AM memory).
- radio last tuning station.
- LCD contrast
- Speaker, and radio/CD volume
- Telephone memories

5.1.2 The battery backup operates above 7.0 volt. for 9V battery.

5.1.3 When power is restored, right time and alarm time shall be retained and all functions shall work properly.

5.2 Battery Low Indication

5.2.1 The battery voltage low is indicated by the Battery Low icon (stay in ON) in any working modes.



6 CORDLESS OPERATION

6.1. Power Up

6.1.1. After power up, the handset should place on the cradle of the base unit for setting a new security code for communication.

6.1.2. Each time when the handset place on the cradle of the base unit, the base unit will generate and transmit a new security code to the handset unit through the RF Link. (The both unit will use the 1st channel for the security code transfer operation)

Note: After this action, the clock of handset and that of base do not affect each other.

6.1.3. A successful security code transfer operation will be indicated by a beep sound on handset.

Note: In case, the Transfer operation is not successful, please try again.

6.2. Answering Call

6.2.1. While ringing, if the handset is on the cradle, simply pick up the handset unit from the cradle of the base. Handset will answer the call at once. The [TALK] button will be disabled for 4 seconds.

Note: While the handset is on the cradle and incoming call arrive, only the base rings.

6.2.2. If the handset is not on the cradle, pressing any key of handset can make handset to answer the incoming call.

Items	Event	Handset display
1.	While Ringing	RINGING
2.	Press any key in handset or pick up handset from cradle.	TALK 0:00

6.3. Make Call

6.3.1. Press [TALK] key in handset, the handset will enter Talk mode - link with base and base seizes line. Then dial the number to make a call.

Items	Event	Handset display
1.	Press [TALK] key in handset to make a call.	TALK 0:00

6.3.2. Another way to make a call is dialing digit keys before pressing [TALK] key, and then pressing the [CALLS] key of handset. The pre-dial number will be dialing out and the handset enters Talk mode.

6.4. Terminate Call

6.4.1. Press [TALK] key in handset or put it back to cradle, the call will be terminated.

Items	Event	Handset display
1.	Press [TALK] key in handset or put it back to cradle to terminate the handset call.	3:10 (freeze for 5 sec)

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- 6.4.2. When handset returns to Standby mode, the call timer will be freeze 5 sec. on the LCD. Then show real time clock.

6.5. Short Paging (to locate the handset)

- 6.5.1. Press the [PAGE] button of the base unit. The 'PAGING' will be shown on the LCD display of base and the handset outputs beep about 3 seconds.
- 6.5.2. No stop action at short paging.

6.6. Long Paging (to find the handset)

- 6.6.1. Press the PAGE button of the base unit. The 'PAGING' will be shown on the LCD display and output beep. If you hold the button for 3 sec, the beep will be extended to 60sec.
- 6.6.2. Press any key on handset to stop paging.

Ringling Sound related to Charge/ Ringer Switch condition:

CHARGE	- RINGER SWITCH -		- RING SOUND -	
	BASE	HANDSET	BASE	HANDSET
Off	On	Off	On	Off
Off	On	On	On	On
Off	Off	Off	Off	Off
Off	Off	On	Off	On
On	On	Off *	On	Off
On	On	On *	On	Off
On	Off	Off *	Off	Off
On	Off	On *	On	Off

*Note: Each time when user put the handset on charge cradle, the handset ringer switch status will be send to base once.

6.7. Dialing Digits

Digits which can be dialed out are : 0,1,2,3,4,5,6,7,8,9,*,#,PAUSE.

- '#' will be displayed as '□' in line2, '#' in line3
- '*' will be displayed as '□' in line2, '*' in line3
- PAUSE will be displayed as 'P', when PAUSE is encountered during dialing, a pause of 4 seconds will be generated.

6.8. Direct Number Dialing (TALK OFF)

- 6.8.1. Input number in Standby mode same as memory editor. The maximum length of the number is 24 digits. If over 24 digits are input, error tone will sound.
- Eg. Input digit 1:

1	10:00 ^{PM} 1 0/3 0
---	-----------------------------

Input digit 2:

1 2	10:00 ^{PM} 1 0/3 0
-----	-----------------------------

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Input digits 3456789012999

10:00^{PM} 1 0/3 0

1	2	3	4	5	6	7	8	9	0	1	2
9	9	9									

- 6.8.2. Press [DEL] button to delete last input digit. If all digits are deleted, it will return to Standby mode.
- 6.8.3. Press [FLASH] button to clear all input digits and it will return to Standby mode.
- 6.8.4. Press [CALL] button, the unit will enter TALK-ON mode automatically. The number will scroll across the screen from right to left-hand side as it is dialed.

6.9. Direct Redial (TALK OFF)

- 6.9.1. Press [REDIAL] button in Standby mode. The display will show redial number. If redial number is larger than 24 digits, only the last 24 digits are shown on the display.
- 6.9.2. Press digit button to enter new digit to redial number.
- 6.9.3. Press [DEL] button to delete last entered digit. If all digits are deleted, it will return to Standby.
- 6.9.4. Press [FLASH] button to clear all entered digits and it will return to stand-by.
- 6.9.5. Press [CALLS] button, the unit will enter TALK-ON mode automatically. The number will scroll across the screen from right to left-hand side as it is dialed.
- 6.9.6. After the redialing, pressing [MEM] button can save last 16 digits of redial number to indirect memory. The unit will assign a free memory. The display will show 'LOCATION? X', then press [MEM] button to confirm saving redial number or press digit button to select a memory location to saving. The display shows 'MEM x STORED'.

6.10. Save Direct Number to Indirect Memory

- 6.10.1. Input number in Standby mode. The maximum length of the number is 24 digits. If over 24 digits are input, error tone will sound.
- 6.10.2. Press [MEM] button to save last 16 digits of direct number to indirect memory. The unit will assign a free memory. The display will show 'LOCATION? X', then press [MEM] button to confirm saving redial number or press digit button to select a memory location to saving. The display shows 'MEMx STORED'.

Note: - Press [CH] button to return to Standby mode.
 - Button idle for 20 seconds, handset will returns to Standby mode.

6.11. Save Redial Number to Indirect Memory

- 6.11.1. In Standby mode press [REDIAL] button and then press [MEM] button, the last 16 digits of direct number can be save to indirect memory. The unit will assign a free memory. The display will show 'LOCATION? X', then press [MEM] button to confirm saving redial number or press digit button to select a memory location to saving. The display shows 'MEMx STORED'.

Note: - Press [CH] button to return to Standby mode.
 - Button idle for 20 seconds, handset will returns to Standby mode.

6.12. Save CID to Indirect Memory

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6.12.1. Press [*▲] or [#▼] buttons to select the Caller ID number that you want to save.

6.12.2. Press [MEM] button to show "LOCATION ? X".

LOCATION ? X

6.12.3. Press [MEM] button to confirm saving Caller ID number to indirect memory. The unit will assign a free memory for CID ID number. The display will show 'LOCATION? X', you can press [MEM] button to confirm saving CID number to assign memory or press digit button to select a memory location to saving. The display show 'MEMx STORED'.

MEM X STORED

Note: - only number can be saved to indirect memory.

- Press [CH] button to return to Standby mode.

- Button idle for 20 seconds, handset will returns to Standby mode.

6.13. Indirect Memories Browser

The handset has 10 indirect dialing memories (MEMO...MEM9), each of which can store up to 16 digits

6.13.1. Enter Memory Browser mode by pressing [MEM] button. The display will show 'MEM 0'

MEM 0

6.13.2. Press [*▲] or [#▼] buttons to browser indirect memories one by one.

6.13.3. Press [MEM] button to return to Standby mode.

6.14. Indirect Memories Editing

6.14.1. Enter Memory Browser mode by pressing [MEM] button. The display will show 'MEM 0'

6.14.2. Press [*▲] or [#▼] buttons to select memory to which you want to edit.

MEM 2

6.14.3. Enter number, the display will shift entered digits from right to left-hand side until the number reach to 16 digits. If the number is larger than 16 digits, error tone will be generated.

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Eg. Enter the digit '1'

1

M E M 2

Continue to enter the digits '23456789012999'

1	2	3	4	5	6	7	8	9	0	1	2
9	9	9								M	E
										M	2

6.14.4. Pressing [DEL] button can delete the last entered digit. The display will shift entered digits from left to right-hand side.

6.14.5. Pressing [FLASH] button can clear all entered digits.

6.14.6. Press [MEM] button to save entered number. The display will show 'LOCATION? X'.

L O C A T I O N ? X

6.14.7. Press [MEM] button to confirm saving number to MEM2 or press digit button to save number to other indirect memory. The display will show 'MEMx STORED' for 2 seconds.

6.15. Delete Individual Memory

6.15.1. Enter Memory Browser mode by pressing [MEM] button.

6.15.2. Press [*▲] or [#▼] button to select memory to which you want to delete.

6.15.3. Press [DEL] button to delete the memory. The display will show 'ERASE ?'.

E R A S E ?

6.15.4. Press [DEL] button to confirm delete the memory or press any key to abort.

6.16. Dial Indirect Memory (TALK OFF)

6.16.1. Enter Memory Browser mode by pressing [MEM] button.

6.16.2. Press [*▲] or [#▼] button to select memory to which you want to redial.

6.16.3. Press [CALLS] button. The unit will enter TALK-ON mode automatically. The number will scroll across the screen from right to left-hand side as it is dialed.

Note: - Press [CH] button to return to Standby mode.

- Button idle for 20 seconds, handset will returns to Standby mode.

6.17. Dial Indirect Memory (TALK ON)

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- 6.17.1. Press [TALK] button to enter TALK-ON mode. The display will show 'TALK 0:00'.

10:00^{PM} 1 0/3 0**T A L K 0 : 0 0**

- 6.17.2. Press [MEM] button and then press digit button to dial the memory. The display will scroll across the screen from right to left-hand side as it is dialed.
- 6.17.3. If the memory is empty, error tone will be generated.

6.18. Call Timer

- 6.18.1. The call timer comes up automatically at the line seizes on TALK ON mode and shows on the 3rd line of the display. After 20 seconds the call timer will appear as dialing activities finishing.

10:00^{PM} 1 0/3 0**T A L K 0 : 0 1**

- 6.18.2. The call timer counts up to 999 minutes and 59 seconds. After that, the timer will show '00:01'.
- 6.18.3. When handset goes back to TALK-OFF, the call timer will remain on the display for 5 seconds.

6.19. Battery/Voltage Low Detection

- 6.19.1. Battery detection will perform all the time except during charge mode.
- 6.19.2. If battery low condition is detected, the handset will enter battery low condition. The buzzer will beep for 10 seconds interval i.e. 400ms ON, 10sec OFF. Handset will enter to 'Halt' mode immediately. If the handset is in TALK mode, keeps beeping after TALK OFF. The display will show 'BATTERY LOW'.

10:00^{PM} 1 0/3 0**B A T T E R Y L O W**

- 6.19.3. If battery low condition is restored, the handset needs to be placed onto the cradle to resume normal mode.

6.20. Volume Adjustment

While Talk mode, press # key can adjust the handset receiver volume. The LCD shows "VOL: LOW" for min volume, "VOL: MID" for mid one and "VOL: NORMAL" for normal one.

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7. CALLER ID OPERATION (handset)

7.1. Display

New-Call / *Repeated-call* *Clock* *Clock ticker* *Date* *NEW CALL*
Call counter *indicator*

NEW CALL 88 RPT 18:88 AM PM 1 8/8 8 VIP Indicator
 1 2 3 4 5 6 7 8 9 0 1 2 VIP
 ^ A B C D E F G H I J K L ^

12-digit number line (7-segment)

12-character text line (dot matrix)

Display	Descriptions	Remarks
12-character text line	For display of callers' name, system prompts (CID and phone), call timer, dial number.	Dot-matrix (5 x 5)
12-digit number line	1, Display caller number (CID), or 2, Display dialed digits (phone).	7-segment
New-call / Call counter	Shows the amount of calls / new calls in standby mode Exp: to show # of old calls: CALL 18 to show # of new calls: NEW CALL 9 (The numbers are displayed at the left hand side of the 12-digit number line)	CID only
Repeated-call icon	Lights on to indicate that the displayed call arrived more than once.	CID only
Clock	1, Shows the real time clock (AM/PM format), or, 2, the time stamp of a CID record.	
Clock ticker	Blinks when real time clock is being displayed. (Frequency: 0.5sec. On / 0.5 sec. off)	
Date	1, Shows the date (month/date format), or, 2, the date stamp of a CID record.	

7.2. CID Related Keys

CID buttons	Descriptions	Remarks
[DEL]	1) Erase a single CID record in CID browser. 2) Erase all CID records in stand-by.	
[#▼]	1) Scroll-down CID records.	
[*▲]	1) Scroll-up CID records.	
[Calls]	1) Redial CID number in CID browser.	

7.3. NEW CALL Indicator

The LED indicates that there are new calls stored in memory. The duty cycle of the NEW CALL indicator is 500ms on / 2950ms off.

7.4. Standby Mode

After power up, the handset should stay in Standby mode. The LCD will display the date/ time. The default is 12:00 AM, JAN/01.

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12:00 ^{AM} 0 1/0 1**1 2 : 0 0****7.5. Receiving Calls**

- 7.5.1. When Caller ID is activated, the Telephone Company sends the caller telephone number (and name, if available) and the call date and time between the first and second rings. The device receives and displays this information for each call and updates the display with the current date and time. The NEWCALL indicator will be flashed.

NEW CALL

NEW CALL 2 10:00 ^{AM} 1 1/0 1
 1 2 3 -- 4 5 6 -- 7 8 9
S M I T H J O H N

- 7.5.2. The display also indicates if caller information is not available or if the sender intentionally blocks the number.

NEW CALL 1 10:00 ^{PM} 1 0/3 0

N O C A L L E R I D

NEW CALL 1 10:00 ^{PM} 1 0/3 0

C I D B L O C K E D

- 7.5.3. After 20 seconds, the display will return to standby mode and shows "NEW CALL XX" where XX is the number of unread calls. NEW CALL LED blinks until the user retrieves all new messages.

Note: - If the received CID number is 10-digit long and the first three digits match with the area code set by user, the LCD shows the last 7 digits only (area code will be omitted).
 - Max 12 digits of number can be display and stored. If the number has 10 or less digits, the display is in 3-3-4 format; if the number is 11 or 12 digits, the "-" in the number will not be displayed.

7.6. Reviewing New Calls

- 7.6.1. In stand-by mode, NEW LED flashing, pressing [*▲] or [#▼] button, the LCD displays the last new call information.

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NEW CALL 1 10:00 PM 1 0/3 0
 1 2 3 -- 4 5 6 -- 7 8 9 0
 S M I T H J O H N

- 7.6.2. Repeatedly press [*▲] or [#▼] button to review all new call information in the order of receiving until the LCD displays "END NEW CALL" and the NEW LED off.

E N D N E W C A L L

- 7.6.3. If the received call information is same as any of the existing new calls, the 'RPT' icon will be on to indicate REPEAT CALL. The most recently arrived CID will be saved attached with a new date / time stamp. The previously arrived record will be deleted. After you review this call, the "RPT" icon will be off.
- 7.6.4. If not review over all new calls, after 20 seconds the Time of Day will display and the new call counter will show the total number of new calls including those already reviewed.

NEW CALL 5 10:00 PM 1 0/3 0

Note: - Press [CH] button to return to Standby mode.
 - Button idle for 20 seconds, handset will returns to Standby mode.

7.7. Reviewing Old Calls

- 7.7.1. In stand-by mode, NEW LED is not flashing, pressing [*▲] or [#▼] button to review old call information from the oldest to the newest ([*▲]) or from the newest to oldest ([#▼]).

CALL 1 10:00 PM 1 0/3 0
 1 2 3 -- 4 5 6 -- 7 8 9 0
 S M I T H J O H N

- 7.7.2. When finish reviewing all calls, the "-END-" is displayed.

-- E N D --

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7.7.3. If there is no calls, the display shows “-NO CALLS-”

-- NO CALLS --

Note: - Press [CH] button to return to Standby mode.

- Button idle for 20 seconds, handset will returns to Standby mode.

7.8. Delete Individual Call

7.8.1. When you review the call information, you can delete it from the display. Press [*▲] or [#▼] button until the call record you want to delete.

CALL 1 10:00 PM 1 0/3 0
1 2 3 -- 4 5 6 -- 7 8 9 0
S M I T H J O H N

7.8.2. Press [DEL] button, the LCD display “ERASE ?”.

7.8.3. Press [DEL] button again to confirm deletion.

7.8.4. If the deleted message is last one, it will go back to Standby mode.

7.8.5. VIP call can't be deleted.

Note: - Press [CH] button to return to Standby mode.

- Press any button to abort the deletion

- Button idle for 20 seconds, handset will returns to Standby mode.

7.9. Delete All Call

7.9.1. When the new call information has been reviewed, the all of old messages can be erased in one operation. If there are any new calls in call list, “Erase All” will not work.

7.9.2. Press and hold [DEL] button for 2 seconds in Standby mode. The LCD displays “ERASE ALL?”.

CALL 10 11:00 AM 1 1/0 3

-- E R A S E A L L ?

7.9.3. Press [DEL] button again to confirm deletion, and the handset returns to Standby mode.

7.9.4. VIP call can't be deleted.

Note: - Press [CH] button to return to Standby mode.

- Press any button to abort the deletion

- Button idle for 20 seconds, handset will returns to Standby mode.

7.10. Caller ID Redial

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The unit allows user to redial a phone number stored in the Caller ID memory. If the local area code was programmed, only the 7-digit number will be displayed and dialed. If the area code is different than the one you have programmed, the full 10 digit number is displayed and a "1" will automatically be added to the dialing sequence. To skip the digit "1", press "Calls" button twice within 2 second to begin dialing out number.

7.10.1. Press [*▲] or [#▼] button to select the Caller to which you want to dial.

7.10.2. Press [CALLS] button once. The display will show 'DIALING...'.

D I A L I N G . . .

7.10.3. After 2 seconds of delay, the unit will enter TALK-ON mode automatically. Dialed digits shift to the display from left to right-hand side as line seize.

1 4 5 6 7 8 9 0

7.10.4. Note that if a CID number to be dialed is 10 digits long, an access code '1' will be automatically inserted before the 1st digit by press "call" button once. The insertion of such access code can nevertheless be suppressed by activating CID-redial function differently, i.e. by press & release "Calls" button twice within 2 seconds.

Insert

access
code '1'

1 1 2 3 4 5 6 7 8 9 0

7.10.5. If a 10 digits long CID number (123-456-7890), the first 3 digits of the number matches local area code, the area code will be skipped and only the last 7 digits will be dialed out in the re-dialing.

4 5 6 7 8 9 0

7.10.6. It is also possible to insert an access code '1' in front of 7-digit numbers. Press and release CID "Calls" button twice within 2 seconds to do so.

Note: - Press [CH] button to return to Standby mode.

- Button idle for 20 seconds, handset will returns to Standby mode.

7.11. Set VIP Calls

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The user can create VIP call records. When a VIP call is received, 4 beeps will be heard and VIP icon will be on after the ring. Besides, VIP call records can not be erased as common records.

- 7.11.1. Press [*▲] or [#▼] buttons to select the caller to be assigned a VIP.
- 7.11.2. Press and hold [CALLS] button for 2 seconds, the VIP icon is on. Then the call becomes VIP call.
- 7.11.3. Press and hold [CALLS] button for 2 seconds, the VIP icon will disappear. Then the VIP call becomes common call.

Note: - Press [CH] button to return to Standby mode.
 - Button idle for 20 seconds, handset will returns to Standby mode.

7.12. Selecting System Language

Note: The Setup procedure is available for handset only. It can occur in this stage and also after handset power-up.

- 7.12.1. Press the [CH] key in Standby mode, the handset enters Setup mode.
- 7.12.2. Setup mode begins with language selection. The handset offers 3 languages - English, French and Spanish.
- 7.12.3. Press [*▲] or [#▼] keys to choose the desired language and then press the [MEM] key to confirm.

SET LANGUAGE

7.13. Setting Local Area Code

- 7.13.1. The next setting is to set local area code. 3 digits should be input from number pad. The three digits will be shift to left one by one.
 E.g. Press digit [1], display “ 001” → Press [2], display “012” → Press [3], display “123”, Press [4] → display “234”
- 7.13.2. Press [MEM] key to confirm the setting.

0 0 0
 AREA CODE?

7.14. Setting LCD Contrast

- 7.14.1. The next setting is to set the LCD contrast

CONTRAST ▲ ▼

- 7.14.2. Press [*▲] or [#▼] button to set the desired contrast.

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7.14.3. Press [MEM] key to confirm. After confirmation, the handset returns to Standby.

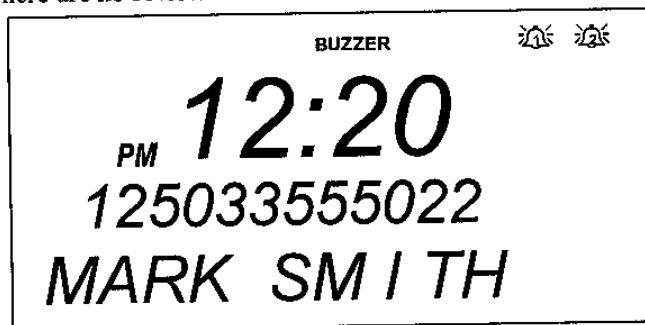
Note: - Pressing [FLASH] button in Standby mode, handset can also start the LCD contrast setting.

- Press [CH] button in Setup mode, handset can return to Standby.

8. DISPLAYS AND FUNCTIONS ON BASE

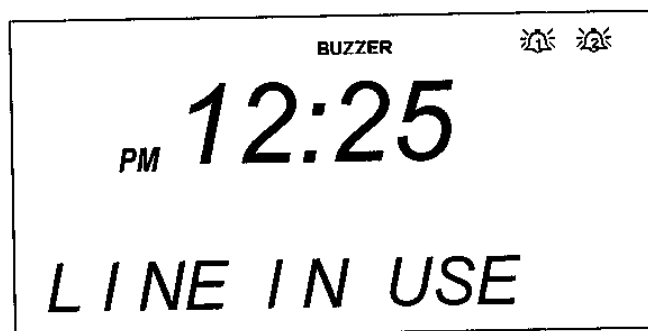
8.1. CID Display

CID data displays on the LCD of base set with 2 lines about 20 seconds during incoming call. There are no review and redial functions.



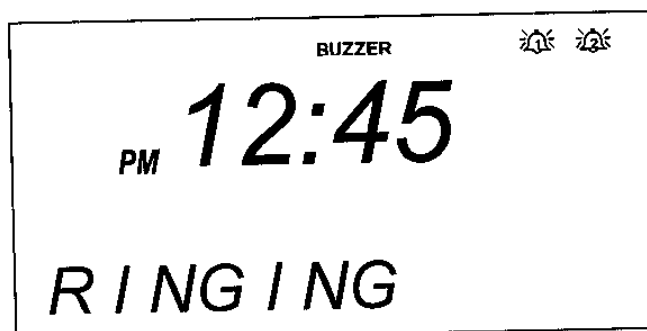
8.2. Line Seizure Display

When the line is seized by handset, 'LINE IN USE' will be displayed at the bottom of the base as follows. When the line is seized by base (press [SPEAKER]), 'SPEAKERPHONE' will be displayed at the bottom of the base and 'LINE IN USE' will be displayed at the handset.



8.3. Ring Display

When the line is in ring state, 'RINGING' will be displayed at the bottom of the base as follows.



8.4. LCD Contrast Adjustment

8.4.1. In normal mode, press [TUNE +] / [TUNE -] to select the desired contrast level: level 1 to level 8

Note: - The default level of LCD contrast is level 4.

8.4.2. Press [SET] or [FUNCTION] button or wait 20s timeout to exit.

Note: Press [POWER ON/OFF] button during the contrast adjustment, the unit will exit the contrast adjustment and turn on radio/CD immediately.

8.5. Adjust Volume of Speaker

8.5.1. Press [SPEAKER] to enter Hand-free mode.

8.5.2. Press the buttons [^] or [v] to select the desired volume: level 1 to level 8. "LEVEL X" will be displayed at the bottom of LCD.

Note: - The volume can be kept when next entering Hand-free mode
- The default level of speaker volume is level 4.

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Appendix**CHANNEL FREQUENCIES**

CH.	BASE TX	H/S TX	CH.	BASE TX	HS/TX
1	2400.75	2472.75	21	2403.75	2475.75
2	2400.9	2472.9	22	2403.9	2475.9
3	2401.05	2473.05	23	2404.05	2476.05
4	2401.2	2473.2	24	2404.2	2476.2
5	2401.35	2473.35	25	2404.35	2476.35
6	2401.5	2473.5	26	2404.5	2476.5
7	2401.65	2473.65	27	2404.65	2476.65
8	2401.8	2473.8	28	2404.8	2476.8
9	2401.95	2473.95	29	2404.95	2476.95
10	2402.1	2474.1	30	2405.1	2477.1
11	2402.25	2474.25	31	2405.25	2477.25
12	2402.4	2474.4	32	2405.4	2477.4
13	2402.55	2474.55	33	2405.55	2477.55
14	2402.7	2474.7	34	2405.7	2477.7
15	2402.85	2474.85	35	2405.85	2477.85
16	2403	2475	36	2406	2478
17	2403.15	2475.15	37	2406.15	2478.15
18	2403.3	2475.3	38	2406.3	2478.3
19	2403.45	2475.45	39	2406.45	2478.45
20	2403.6	2475.6	40	2406.6	2478.6

TRANSLATION TABLE (RF handset)

	DESCRIPTION	ENGLISH	SPANISH	FRENCH
1	"Out of Area" call	OUT OF AREA	FUERA AREA	HORS ZONE
2	"Private" call	PRIVATE CALL	LLAM PRIVADA	APPEL PRIVE
3	End of call list	-- END --	-- FIN --	-- FIN --
4	End of new call list	END NEW CALL	FIN LLAM NVA	FIN D PPEL
5	Ask confirm erase single call	ERASE ?	BORRAR ?	EFFACE ?
6	Ask confirm erase all calls	ERASE ALL ?	BORRAR TODO?	EFFACE TOUS?
7	Checksum Error (note1)	-- ERROR --	-- ERROR --	-- ERREUR --
8	No FSK after ring	-NO CALLS-	NO LLAMADAS	AUCUN APPELS
9	Dialing	DIALING ...	MARCANDO	NUMEROTATION
10	Set language	SET LANGUAGE	---	---
11	Set Area Code	AREA CODE ?	COD AREA ?	INDICATIF ?
12	Contrast adjustment	CONTRAST ▲▼	CONTRASTE ▲▼	CONTRASTE ▲▼
13	Battery low indication	BATTERY LOW	BATERIA BAJA	BAT FAIBLE
14	Enter memory location	LOCATION ?	INTROD LUGAR	ENTRER SITUA
15	Memory 3 stored	MEM3 STORED	MEM3 GUARD	MEM3 GARDE
16	While Paging	PAGING	LOCALIZAR	PRE ENIR
17	While Ringing	RINGING	TIMBRAR	SONNER
18	While linking with Base unit	TALK	HABLAR	PARLER
19	Volume Selection	VOL: NORMAL	VOL: NORMAL	VOL: NORMAL
20	Volume Selection	VOL: MID	VOL: MEDIO	VOL: MOYEN
21	Volume Selection	VOL: HIGH	VOL: BAJO	VOL: BAS

Note1: This model should display nothing for receiving error.

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LANGUAGE TABLE (BASE)

	DESCRIPTION	ENGLISH	LENGTH
1.	Ringing	RINGING	7
2.	Seize line by handset	LINE IN USE	11
3.	Seize line by base	SPEAKERPHONE	12
4.	Time setting on base	SET CLOCK	9
5.	Alarm time setting on base	SET ALM TIME	12
6.	Alarm 1 setting (time/mode)	ALARM 1	7
7.	Alarm 2 setting (time/mode)	ALARM 2	7
8.	Alarm mode setting on base	SET ALM MODE	12
9.	Alarm 1+2 setting (mode)	ALARM 1+2	9
10.	Alarm off setting (mode)	ALARM OFF	9
11.	Wake to Buzzer (mode)	WAKE BUZZER	11
12.	Wake to Radio (mode)	WAKE RADIO	10
13.	Wake to CD (mode)	WAKE CD	7
14.	Alarm level setting on base	ALARM LEVEL	11
15.	+6dB ON selection	HIGH VOL ON	11
16.	+6dB OFF selection	HIGH VOL OFF	12
17.	Radio 'FM' selection	FM	2
18.	Radio 'AM' selection	AM	2
19.	Radio preset memories programming	PROG	4
20.	Radio channel 1 pre-set (note 1)	CH1	3
21.	Radio channel 10 pre-set (note 1)	CH10	4
22.	CD power on (note 2)	CD	2
23.	15 minutes sleep time setting (note 3)	SLEEP 15	8
24.	Sleep time not set (note 3)	SLEEP OFF	9
25.	Volume level of radio & speaker (note 4)	LEVEL 1	7
26.	Radio 'FM' tuning	FM TUNING	9
27.	Radio 'AM' tuning	AM TUNING	9
28.	Radio 'FM' memory operation	FM MEMORY	9
29.	Radio 'AM' memory operation	AM MEMORY	9

Note 1: Display 'CH1' to 'CH10' for 10 channels setting.

Note 2: 'CD' should be displayed in the mid of the bottom line.

Note 3: Sleep time can be set to 15, 30, 60, 90 minutes and Off. The LCD will show 'SLEEP 15', 'SLEEP 30', 'SLEEP 60', 'SLEEP 90' or 'SLEEP OFF' respectively.

Note 4: Display 'LEVEL 1', 'LEVEL 2' to 'LEVEL 8' in 8 levels for speakerphone volume and 'LEVEL 0', 'LEVEL 1' to 'LEVEL 8' in 8 levels for CD/Radio volume

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Document History

Revision: 0	Date : 7/4/2003	RELEASED TO : ISO
Change Note	1 st release	
Revision: 1	Date : 9/2/2003	RELEASED TO : ISO
Change Note	1. Add – [RANDOM] button (§1.4) 2. Change – [RADIO/CD] and [ENTER] to [TUNE +] and [TUNE -] (§1.4) 3. Change – [SET] for clock/alarm setting to replace [ENTER] (§2.3, 2.4, 2.5) 4. Change – [POWER ON/OFF] always responds except telephone is working (§3.1) 5. Change – [FUNCTION] for FM/ AM/ CD selection (§3.1, 3.2, 3.3, 4.1) 6. Change – [TUNE+]/[TUNE-] for tuning (§3.1, 3.2, 3.3) 7. Change – 10s timeout and [SET] or [FUNCTION] for exit (§3.1, 3.3, 3.5, 8.4) 8. Change – [SET] and [TUNE+]/[TUNE-] for station memory recall and store (§3.2, 3.3) 9. Change – Last memory location will be displayed when radio on (§3.1) 10. Change – [SNOOZE] for sleep setting (§3.5) 11. Change – press [FUNCTION] to stop CD and turn on radio (§4.3) 12. Change – [TUNE+]/[TUNE-] for setting contrast (§8.4) 13. Change – CID number to 12 digits both handset and base unit (§1.2, 2.1, 7.5.3) 14. Delete – CID Error indication (§1.2) 15. Change – Backlight on for 10s after touching key (§1.3) 16. Change – Volume of handset is indicated as "VOL: LOW/MID/NORMAL" (§6.20)	
Revision: 2	Date : 9/22/2003	RELEASED TO : ISO
Change Note	1. Delete – the sub menu: Alarm 1 + 2 and alarm Off (§2.3, 2.5) 2. Change – prompts "SET ALM TIME" and "SET ALM MODE" (§2.4) 3. Add – Once alarm time is changed, the alarm is turned on (§2.4, 2.6) 4. Add – Press and hold [ALARM 1] or [ALARM 2] for 2s to switch alarm1/2 On/Off, a confirmation tone is generated (§2.6) 5. Change – the description about stopping alarm (§2.7) 6. Add – Level 0 for Radio/CD volume control (§3.6) 7. Add – Spanish and French prompts for Volume control of h/s (Language Table)	
Revision: 3	Date : 11/1/2003	RELEASED TO : ISO
Change Note	1. Change – wake buzzer 65 dBA (§1.3) 2. Change – [SNOOZE] button can exit tuning or station memory setting (§3. 1, 3.3) 3. Change – [SET] and [FUNCTION] buttons can exit Sleep setting; [TUNE+], [TUNE-], [^] or [v] buttons can not only exit Sleep setting, but also perform the relative function (§3.6)	

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