
User Manual

Avvio C800P

CDMA 800 MHz Wireless Desktop Phone

USER'S GUIDE

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WELCOME

Congratulations on the purchase of your Avvio C800P product!

Please retain your original dated sales receipt for your records.

For warranty service of your Avvio C800P product, you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing an Avvio product.

Please read important safety instructions before use.

Read and understand all instructions before use.

Please retain this guide for future reference

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1 KNOW YOUR PHONE

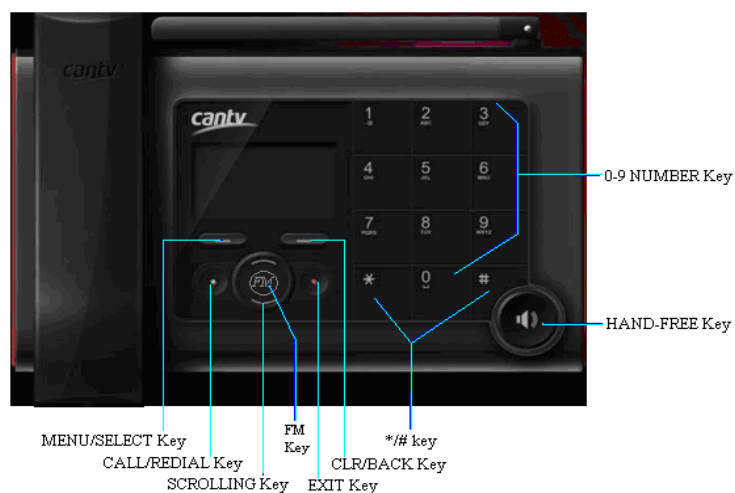
Besides its basic call function, it provides many practical functions including telephone number grouping, clock, calculator, analog TV and FM services, which bring great convenience and fun to your work and daily life. With its rich functions applied in business, it will be your right-hand assistant.

1.1 Unpack

Please check all the parts shown below and make sure no piece is missing or broken.

Parts	Quantity
Phone(FWP) set	1
Handset (Receiver)	1
Ni-MH Battery	1
External Power Adapter	1
Antenna	1
Receiver Line	1

1.2 Key Definition



Key	Description
MENU/SELECT key	<ul style="list-style-type: none"> ■ Enter main Menu, select or confirm options in Menu and sub-menu. ■ In condition of character input, confirm the character chosen.
CLR/BACK key	<ul style="list-style-type: none"> ■ Press CLR key to erase character while editing or dialing. Hold CLR key to erase all the characters. ■ Press BACK key to cancel operating, exit to previous pop-up window interface.
UP(+)/DOWN(-) key (Scrolling key)	<ul style="list-style-type: none"> ■ Up(+)/Down(-) key used as selection key up and down for selecting the commands and items shown on screen display. ■ In standby mode, press and hold Up(+) key for seconds to enable or disable the Silence All. ■ Move the cursor when inputting letters. Scroll the cursor in menu option and display
LEFT/RIGHT key (Scrolling key)	<ul style="list-style-type: none"> ■ Left/Right key used as selection key to scroll cursor left and right for selecting the commands and items shown on screen display. ■ In standby mode, press Left key to enter Recent Calls menu, press Right key to view Contacts records. ■ Move the cursor when inputting letters. Scroll





	the cursor in menu option and display.
FM Key	<ul style="list-style-type: none"> ■ In standby mode, press FM key to listen to the radio.
EXIT key	<ul style="list-style-type: none"> ■ End an active call or reject calls. ■ Power on/power off. ■ Exit from any window interface to standby mode
CALL/REDIAL key	<ul style="list-style-type: none"> ■ In the condition of off-hook or hand free, send telephone number or redial.
HANDFREE key	<ul style="list-style-type: none"> ■ Hand free call.
0~9 NUMBER key	<ul style="list-style-type: none"> ■ Use the number keys to enter numbers and characters. ■ Make a direct phone and Speed Dial.
# key, * key	<ul style="list-style-type: none"> ■ Differs in different mode, option or function menu.





Note:

- ◆ Keys in this manual may shape different from actual ones on your phone.
- ◆ “Press the key” in manual means pressing certain key once, “Hold the key” means pressing key for 2 or 3 seconds.

1.3 LCD Screen Description

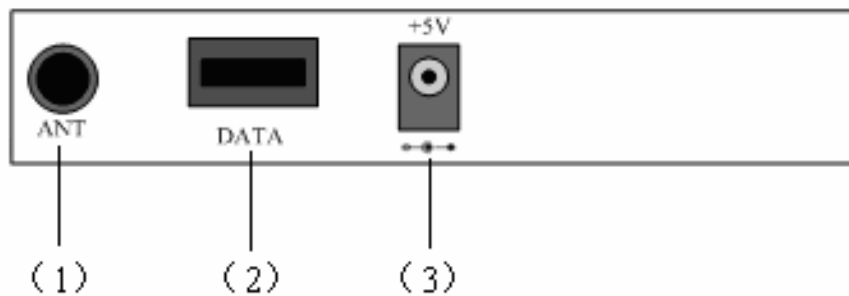
These icons may appear on screen display of your phone (FWP).

	Signal strength
	New Message
	Mute
	Incoming call or calling

	Phone lock
	Alarm clock
	New Voice Mail
	Battery Indicator

1.4 Installation

Rear view of C800P:



(1) Antenna connector **ANT**

(2) Data interface **DATA**

(3) External power socket

1. Receiver:

Connect phone set and receiver with the handset cord.

2. Antenna:

Install antenna to antenna connector **ANT**. Hold the plastic stick of the antenna and rotate the metal screw cap in clockwise direction to fix it up. **Do not rotate antenna directly.**

3. Adapter:

Connect the lead from the external power adapter to socket at rear back of phone set and connect adapter to an external AC socket.

Good ground may guarantee phone's reliable performance.

1.5 Power Supply

There are two ways of power supply:

1. External power supply
2. Spare rechargeable battery supply

As usual, suggest make use of external power supply. When power down or unavailable power supply nearby, you can use battery for backup.

With external power supply connection and power on the phone, FWP can automatically detect battery's current capability and charge the battery accordingly. At that time, external power adapter becomes hot. It is normal.

Note: When the battery is in low-voltage, FWP may not work normally:

- In state of standby, C800P alerts.
- During a call, alert may interrupt your call.
- C800P powers off automatically when in extreme low-voltage.

1.6 Switching Power

Power-on: In state of power-off, press and hold **EXIT key**, LCD screen lights with ring.

Power off: In state of power-on, press and hold **EXIT key**, LCD screen closes with ring.

Note: When abnormal power blackout causes abnormal FWP restart, please disconnect and connect again external power adapter.

Please power off the phone and remove battery if FWP won't be in use for a long time.

1.7 Connecting to Network

Power-on FWP, the phone automatically searches for the network. If connected, FWP enters standby state.

Note: If “Emergency Mode” appears on the screen, then you can only send emergency calls.

2 FEATURE HIGHLIGHTS

- Dial tone generation
- Auto Dialing
- Radio Service
- Voice mail
- Short Message Service
- Emergency call
- Call logs
- Call restriction
- Caller ID
- Alarm clock
- Word Clock
- Calculator

-
- Multi-ring tone
 - Speaker phone
 - Multi-language (English, Spanish, It may vary by market)
 - 150 Phone Book memory
 - Rechargeable battery

3 BASIC OPERATIONS

3.1 Making a Call

In standby mode, signal strength icon is displayed on upper left corner of screen. And then, you can make or answer calls.

1. Power-on C800P.

2. To make a call, you should at first pick up FWP receiver or press **HAND-FREE key**.

3. Make a call afterwards as steps stated in the following.

Note: when SIGNAL indicator turns off and there is no dial tone while picking up the phone receiver, maybe RF signal is weak or antenna is not screwed on and fixed well, please change the position of the terminal or check the antenna installation.

3.1.1 Making a Domestic Call

Enter the telephone number (add area code when making a long distance call if necessary). Press **CALL/REDIAL key** to send a call.

3.1.2 Making an International Call

Enter the country code and the complete telephone number you want to dial, press **CALL/REDIAL key** to send. Delete "0" before the area code.

Country code + Area code + Telephone number

The diagram shows the text "Country code + Area code + Telephone number" at the top. Below it, three numbers are listed: "0086", "755", and "26770000". A vertical line connects "Country code" to "0086". A diagonal line connects "Area code" to "755". Another diagonal line connects "Telephone number" to "26770000".

0086 755 26770000

3.1.3 Dialing a Number in the List

All calls you recently dialed, received or missed are saved in your phone. All numbers are grouped as Missed Calls, Incoming Calls and Outgoing Calls. When the list is full, the oldest numbers will be overwritten automatically when new record is coming.

You can check the list as follows:

- ✧ In standby mode, press **LEFT key** to enter **Recent Calls**. Press **UP/DOWN key** and **MENU/SELECT key** to select record listed and confirm options.
- ✧ All the numbers listed can be directly dialed by **CALL/REDIAL key** in the condition of off-hook or hand free.

3.1.4 Hand-free

- Hand-free

C800P supports hand-free function. Press **HAND-FREE key** to activate. The dial tone make user easy to recognize whether FWP is in status of hand-free or not.

- Receiver and Hand-free Conversion

C800P supports hand-free converts to receiver speaking (hand-free speaking is off while receiver is picked up). C800P also supports receiver to hand-free speaking (to convert to hand-free speaking while picking up receiver, press **HAND-FREE key** and hook-on receiver afterwards.).

3.1.5 Redialing

C800P supports saving only one phone number, the last dialed number. In the condition of off-hook or hand free, press **CALL/REDIAL key** twice to dial directly the

last one dialed phone.

Note: When abnormal power down causes abnormal phone restart, the last one dialed will not be saved.

3.2 Answering a Call

When FWP rings, pick up the receiver or press **HAND-FREE key** to answer. Usually, originating caller's number displays in the screen. If the number is listed in the contacts already, the corresponding name will be shown. Hang on receiver or press **HAND-FREE key** to end call. Make sure to exit hand-free mode to guarantee next call to come in.

Note: Originating caller's information display needs network support.

Pulling away and inserting power supply adapter is forbidden during conversation.

3.4 During a Call

During a call, you can press **LEFT/RIGHT key** and **MENU/SELECT key** to select and confirm options in the menu:

- ◆ **Mute:** It does not send local voice.
- ◆ **Menu:** Enter function **Menu** to make options, without hang-on the current call.

3.5 Making a Three-way Call

C800P supports Three-way Call. When two parties are talking, each party can dial the third party with holding the current call by pressing **CALL/REDIAL key**. When the third party is turned on, press **CALL/REDIAL key** again to reactive the call on hold and enter the Three-way Call state.

Note: This function needs local network's support. Please consult with network

service provider to get corresponding service application.

3.6 FM Function

- ◆ In standby mode, press **FM key** to open the FM radio function.
- ◆ Press **MENU/SELECT key** to enter **Option**. There are six items in this menu, “Save Channel”, “Auto Tuning”, “Manual Tuning”, “Set Frequency”, “Rename”, “Set Volume” respectively.
 - Save Channel: Input the channel name as the screen tip, and then press the down key-> menu/select key to choose the desired channel, press the menu/select key to save the setting.
 - Auto Tuning: press up/down key to Auto Tuning Channels
 - Manual Tuning: press the up/down key continually will increase or decrease the frequencies, until find your favorite channel then press the menu/select key to select.
 - Set Frequency: Input the frequency of the channel you want and save into the phone.
 - Rename: rename the name of the channel and save into the phone.
 - Set Volume: press Left/Right key or Up(+)/Down(-) key to adjust volume.
- ◆ Press EXIT or CLR/BACK key to close the FM radio function.

3.7 Menu Functions

- ◆ Main Menu Function:
 1. In standby mode, press **MENU/SELECT key** to enter main **Menu**. Scroll with **UP/DOWN** or **LEFT/RIGHT key** through the menu and select functions.
 2. If the menu contains submenus and further submenus, select options and submenu you want according to the prompt on the screen.

3. Press **MENU/SELECT key** to confirm or **CLR/BACK key** to return to the previous menu level. Press **EXIT key** to exit to standby mode.

◆ Bottom Menu Function:

If options are displayed on the bottom of the screen, press **MENU/SELECT key** and then **LEFT/RIGHT key** to select. Press **MENU/SELECT key** or **CLR/BACK key** to set or exit.

The functions of phone are mainly grouped in the main **Menu: Settings, Contacts, Messages, Recent Calls, Extra and Phone Info**. Please refer to the text hereinafter in this manual in detail.

3.8 Menu Tree

Your phone's menu may differ from the following list, depending on the network services to which you have subscribed and the accessories you are using. If you have any questions, please call your service provider.

1. Settings	
1.Silence All	
	1.Normal
	2.Backlight Only
2. Supp.Services	
	1.Call Waiting
	2.Call Forwarding
3.Sound	
	1. Volume
	2. Ringer Type

4. Display	
	1. Backlighting
	2. Banner
	3. Language
	4. Contrast
	5. Menu Format
	6. Time Format
	7. Date Format
	8. Hyphen
5. Call Timers	
	1. Outgoing Calls
	2. Incoming Calls
	3. All Calls
6. Security	
	1. Erase All Contacts
	2. Erase All Recent Call List
	3. Phone Reset
	4. Incoming Call Bar
	5. PIN Change
	6. HS Password
7. Voice Privacy	
	1. Disable
	2. Enable

2. Contacts
1. Find
2.View All
3. Business
4. Personal
5.Add New
6.Speed Dial List
7.Memory Status
3. Recent Calls
1. Missed Calls
2. Incoming Calls
3. Outgoing Calls
4. Messages
1. Voice Mail
2. InBox
3. Create Message
4. Preformatted Messages
5. OutBox
6. Erase Messages
1. No
2. Erase InBox
3. Erase OutBox
4.Old InBox

6. Message Settings	
	1.Voice Mail Number
	2.Callback Number
	3.Message Alert
	4.Auto Erase InBox
	5.Status Report
	6.Validity Period
5. Extra	
1.Alarm	
2. Calculator	
3. World Clock	
4. Radio	
6 Phone Info	

4 SETTINGS



Press **MENU/SELCT** key to enter **Menu** then press **MENU/SELCT** key again to enter **Settings** submenu.

FWP has different functions in **Settings** to meet your requirement. They are: **Silence All, Sound, Display, Call Timers, Security** and **Voice Privacy**.

4.1 Silence All

Select and enter **Silence All** menu to set sound and tone mode. There are two options:

- ◆ **Normal:** Normal sound and tone (ringer and message, etc.) mode, with no special setting.
- ◆ **Backlight Only:** No sound and tone prompt, backlighting only.

4.2 Supplement Services

When network supports **Supp. Services**, you can use network services of call waiting and call forwarding.

Note: All these functions are network services. Please consult with network service provider to get corresponding service application.

4.2.1 Call Waiting

During a call, use Call Waiting to answer the waiting call, meanwhile putting the

first call on hold. These calls can be shifted while you have calls in conversation.

- ✧ **Activate:** Active Call Waiting function.
- ✧ **Cancel:** Inactive Call Waiting function.

Select **Activate** to activate the Call waiting function. The network will notify you of an incoming call while you have a call in progress. You can press **CALL/REDIAL key** to get through the waiting call and switch one call to another.

4.2.2 Call Forwarding

Use Call Forwarding to forward an incoming call to a preset designated phone number. After setting of call forwarding, phone will automatically dial network to set the function in active.

Set types of Call Forwarding, press **MENU/SELECT key**.

- ✧ **All** (Divert unconditionally): Divert in all conditions.
- ✧ **Busy** (Divert when busy): When the phone is busy, divert.
- ✧ **No Answer** (Divert when no answer): When there is no answer, divert.
- ✧ **Busy/No Answer:** (Divert when busy/no answer): When phone is busy or there is no answer, divert.

Select option to **Activate** your setting or **Cancel** your setting.

- ✧ **Cancel All:** Select “Yes” or “No” to “Cancel All Call Forwarding?” or exit.
- ✧ **Number:** Set the number, which is diverted to.

4.3 Sound

You can adjust the volume of Ringer, Handfree and Handset.

- ◆ **Volume :** Press **UP/DOWN key** to adjust the volume, then press

MENU/SELECT key to confirm your settings.

- ✧ **Ringer:** Set the volume of the ring tone.
- ✧ **Handfree:** Set the volume of hand-free and key tones.
- ✧ **Handset:** Set the volume of receiver.

◆ **Ringer Type:** Select type of ring tone.

4.4 Display

- ◆ **Backlighting:** Select backlight duration or turn “**Off**” backlight. The duration has 10s and 30s. The default setting is 10s.
- ◆ **Banner:** View and edit greeting to your own in standby status.
- ◆ **Language:** This phone supports both English and Spanish.
- ◆ **Contrast:** Press **UP/DOWN key** or **LEFT/RIGHT key** to adjust the contrast of the screen.
- ◆ **Menu Format:** Select main **Menu** as **Large Icons** or **Small Icons**.
- ◆ **Time Format:** Select time display format as **AM/PM** or **24 HR**.
- ◆ **Date Format:** Select date display format as **MM/DD/YYYY**, **DD/MM/YYYY** or **YYYY/MM/DD**.
- ◆ **Hyphen:** Select **Enable** or **Disable** to set this function.

4.5 Call Timers

Your phone can record call time of dialing and answering call.

- ◆ **Outgoing Calls:** Indicates call time of all dialed call. The timer can be **Reset** to zero.
- ◆ **Incoming Calls:** Indicates call time of all answered call. The timer can be **Reset** to zero.
- ◆ **All Calls:** Indicates call time of all dialed and answered call. The timer can be

Reset to zero.

4.6 Security

Introduction to phone's security options preventing others to avoid illegal use or acquire your phone's personal information. Please input right phone password PIN code to enter security setting.

Note: The default PIN code is 1234. Three consecutive inputting wrong PIN code can cause restarting of phone.

Please change the default PIN code to your own password as soon as possible.

- ◆ **Erase All Contacts:** Erase all the records in **Contacts** saved in the phone.
- ◆ **Erase All Recent Call List:** Erase all the **Recent Calls** records.
- ◆ **Phone Reset:** Restore Factory Default to renew some modified options to the origin.
- ◆ **InComingCall Bar:** Barring certain incoming number.
- ◇ **List:** Display all the barred number. It can be edited and deleted.
- ◇ **Add:** Add new number barred.
- ◇ **Cancel All:** Delete all barring number.
- ◆ **PIN Change:** Change PIN code.
- ◆ **HS Password:** Select “**On**” or “**Off**” to activate phone lock or not. Or enter new Phone Lock Code to **Change Password**. Default Lock Code is 0000.

4.7 Voice Privacy

Set voice encryption in **Standard** or set voice encryption **Enhanced**.

5 CONTACTS



You can save, search, view and edit contacts information in FWP's memory

5.1 Finding Records

1. Press **MENU/SELCT key** to enter **Menu**.
2. Select **Contacts** to enter submenu.
3. Select **Find** to search for a contact in **Contacts**.
4. Key in full or part characters of the name you are searching for. And then press **MENU/SELCT key** to confirm.
5. Press **UP/DOWN key** to scroll though the corresponding name(s) and records in the list.
6. Scroll to the name you want, and press **MENU/SELCT key** to view the details.

Note: For text input when key in character or number, see "5.3 Adding New" and "10 Text Input".

5.2 Viewing Records

You can view the corresponding records in list in details.

1. Press **MENU/SELCT key** to enter **Menu**.
2. Select **Contacts** to enter submenu.
3. View contact record:

-
- **View All:** All records in phone.
 - **Business:** All records in **business** group.
 - **Personal:** All records in **personal** group.

Note: When there is no record stored in **Contacts**, it indicates “No contacts found”.

5.3 Adding New

1. Press **MENU/SELCT key** to enter **Menu**.
2. Select **Contacts** to enter submenu.
3. Select **Add New**.
4. Select would-be added information **Phone**, press **MENU/SELECT key** to confirm.
5. Enter Phone Number, and Enter Name of the contact. See “10. Text Input”

more instructions for writing text and character. So the new contact record is added.

Note: If the phone number you input is the same as the existed one, “Number already exist!” appears on the display when you save the phone number. You could not store it.

If the name you input is the same as the existed one, “*name* already exist. Save?” appears on the display when you save contact. Select **Yes** to save but not to overwrite and **No** to back.

6. Reedit added record to execute further operation.
 - ◆ Select **Options** press **MENU/SELECT key** to:
 - ✧ **Add New:** Add telephone number or E-mail.
 - ✧ **Edit Name:** Edit Contact name.
 - ✧ **Classify Contact:** Group records into **Personal**, **Business** or **Neither**.

-
- ✧ **Erase Contact:** Erase this new record.
 - ◆ Scroll to the just-added phone number to reedit.
 - ✧ **Number Type:** Set the type of the number.
 - ✧ **Edit:** Redit the number.
 - ✧ **Erase:** Erase the number.
 - ✧ **Add to Speed Dial:** Set available speed dial number in list for the number selected.
 - ✧ **Send SMS Message:** Send short-message to the selected number.

5.4 Speed Dial List

In standby state, you can make a **Speed Dial** of stored number by keying in digit (2-9).

5.4.1 Setting Speed Dial

1. Press **MENU/SELECT key** to enter **Menu** in standby state.
2. Select **Contacts** to enter submenu.
3. Select **Find** or **View All** to search for the record you want to set as speed dial number, press **MENU/SELECT key**.
4. And then move to number in window, and press **MENU/SELECT key**.
5. Scroll to select **Add to Speed Dial**.
6. Select an **Empty** slot in list.
7. Press **MENU/SELECT key**. "Contact added." appears on the display.

Note: You can also select an existing entry except entry 1 to add. "Overwrite entry?" appears on the display. Select **Yes** to overwrite and **No** to back.

5.4.2 Viewing and Making Speed Dial

◆ Viewing

1. Press **MENU/SELECT key** to enter **Menu** in standby state.
2. Select **Contacts** to enter submenu.
3. Select **Speed Dial List**, all Speed Dial list indicated.

◆ Dialing:

Pick up receiver or hand-free at first.

Option 1: Key in directly digit and press **CALL/REDIAL key** to call speed-dial number.

Option 2: In standby mode, press a specific digit key for seconds to speed dial directly. For example: the speed dial number is 8, press 8 for seconds, the phone calls out.

Note: “1” key is used for voice mail.

- ✧ If there is no contacts in speed dial list, “Speed Dial slot digit is empty” appears on the display when you call speed-dial number.

5.4.3 Erase contacts in speed dial list

1. Press **MENU/SELECT key** to enter **Menu** in standby state.
2. Select **Contacts** to enter submenu.
3. Select **Speed Dial List**, all Speed Dial list indicated.
4. Select one contact and press **MENU/SELECT key** to enter into **Options**.
5. Press **MENU/SELECT key** to select **Erase Contact**. “Erase Contact?” appears on the display. Select **Yes** to erase and **No** to back.

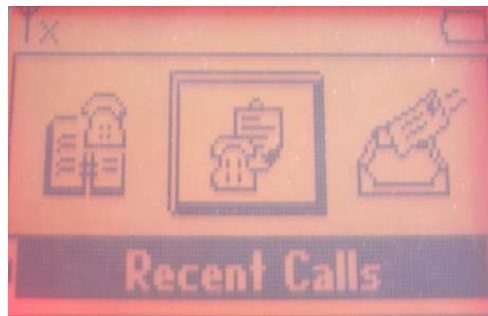
5.5 Memory Status

Indicate amount of maximum and contacts records stored in phone’s memory.

-
1. Press **MENU/SELECT key** to enter **Menu**.
 2. Select **Contacts** to enter submenu.
 3. Scroll down to **Memory Status** to view entries number.

For example: Phone: 9/150, indicating that 150 records entries in Max., out of which 9 have been stored in phone's memory.

6 RECENT CALLS



Information of Missed Calls, Incoming Calls and Outgoing Calls including the name, phone number, conversation time and duration is stored in **Recent Calls**.

Note: In standby status, press **LEFT key** to enter **Recent Calls** menu directly.

1. Press **MENU/SELECT key** to enter **Menu**.
2. Select **Recent Calls**.
 - ✧ Select **Missed Calls** to view all calls missed.
 - ✧ Select **Incoming Calls** to view all calls received.
 - ✧ Select **Outgoing Calls** to view all calls dialed.
3. Select call number listed in, and press **CALL/REDIAL key** to directly dial in the condition of off-hook or hand free.
4. Select one entry of the records and press **MENU/SELECT key** to enter into **Options**.
 - ✧ **Call Number:** Dial the number directly (in condition of off-hook or hand-free).
 - ✧ **Send SMS Message:** Send short-message to the selected number.
 - ✧ **View Number:** Indicate the number of call records.
 - ✧ **Delete Entry:** Delete this record.
 - ✧ **Save New:** Save current number in contacts.

-
- ✧ **Save To Existing:** Save current number to the existed records in contacts.
 - ✧ **Time & Fee:** Indicate call time, duration, charge, etc.

7 MESSAGES



This is an introduction to knowing how to send, receive, erase the messages in your phone and receive voice mail.

Press **MENU/SELECT** key to enter **Menu** and select **Messages**.

Messages submenu: **Voice Mail, InBox, Create Message, Preformatted Messages, OutBox, Erase Messages** and **Message Settings** .

Note: The function introduced hereinafter may differ with different service your area offers. Please consult with your service provider for more detailed information.

7.1 New Message

On receipt of a new message, the phone prompts and prompts "MESSAGE!" on the screen. Press **View** to read, or **Ignore** to ignore the new message. New message is automatically saved in phone. If the memory space is full, the new message cannot be saved. If you enable Auto Erase Inbox, the phone can erase old messages automatically to make space of message memory for new ones.

7.2 Voice Mail

1. Before using voice mail box, please consult with network provider to confirm that the function of voice mail box has been activated.

2. After your successful setting, network will automatically send messages to your phone.

3. Press **MENU/SELECT key** to enter **Menu** and select **Messages**.

4. Select **Voice Mail** to read the message and dial voice mail number to listen to the leaving message following guide prompt.

In status of off-hook or handfree, press and hold “**1**” **key** for seconds to dial voice mail box and read your voice mail.

Note: The function needs network support.

7.3 InBox

Select **InBox** and press **MENU/SELECT key** to read short message received.

- ◆ **Next:** Read next piece of short message.
- ◆ **Erase:** Erase the message.
- ◆ **Forward:** Forward message to other recipients.
- ◆ **Reply:** Reply message to sender.
- ◆ **Sender:**
 - ✧ Select **Call** to directly dial the number of sender (in condition of off-hook or hand-free).
 - ✧ Select **Reply** to answer the sender by the short message.
 - ✧ Select **New** to store the sender to the contacts.
 - ✧ Select **To Existing** to store the sender’s number to the existed records of contacts.

7.4 Creating Message

1. Select **Create Message** in **Messages** menu.
2. Key in receiver’s phone number or select in **Contacts** list.
3. Select **Continue** to input message text.

See “10. Text Input” more instructions for writing text and character.

4. Select **Continue** to enter into **Message Options**

- ◆ **Send:** send the message.
- ◆ **Save:** save the message in OutBox.

Note: Short Message center in some cities and areas do not support short message exceeding 160 English characters.

When sending to multireceiver, no status report feedback even you set **Status Report** is **On** in **Message Settings**.

7.5 Preformatted Message

C800P has a group of some common built-in phrases and sentences, such as, "Call me", "Can I call you?" etc.

1. Press **MENU/SELECT key** to enter **Menu**.
2. Select **Messages** to enter submenu and scroll down to **Preformatted Messages** and select to enter.
3. Scroll to the message you want to send.
4. Press **MENU/SELECT key** to key in phone number or select in Contacts.
5. Press **MENU/SELECT key** to edit,
6. Press **MENU/SELECT key** to **Send, Save** or **Send to multireceiver**.

7.6 OutBox

Select **OutBox** and press **MENU/SELECT key** to read short messages stored.

- ◆ **Done:** Exit to outbox messages list.
- ◆ **Erase:** Erase the message.
- ◆ **Send:** Send the message.
- ◆ **Forward:** Forward message to other recipients.
- ◆ **Edit:** Edit number of recipient and message text (Not appears while the

message have been sent) .

7.8 Erasing Message

Select **Erase Messages** and press **MENU/SELECT key** to erase short messages stored.

- ◆ **No:** Exit to **Message** menu.
- ◆ **Entire InBox:** Erase all the messages in InBox.
- ◆ **Entire OutBox:** Erase all the messages in OutBox.
- ◆ **Old InBox:** Erase all the read messages in InBox .

7.9 Message Settings

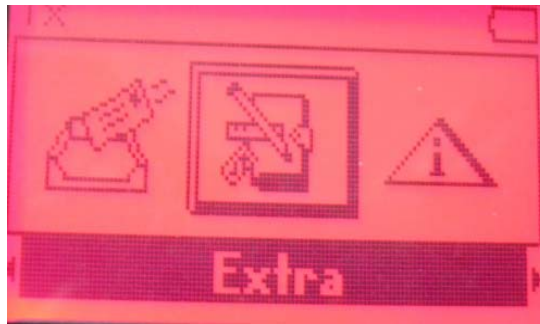
Before using message functions, please make necessary short message settings.

Access **Message Settings** submenu:

- ◆ **Voice Mail Number:** Set voice mailbox number. Please contact with network supplier for details.
 - ◆ **Callback Number:** If the number list is empty, a prompt “No SMS callback number configured. Want to add a new number?” will be shown on the LCD screen. Select “**yes**”, you can edit the number to your own, and select **Active** to open this function.
 - ◆ **Message Alert:** Set prompt tone of new incoming message.
 - ◆ **Auto Erase InBox: Enable** or **Disable** erasing the last read message in InBox automatically when InBox is full.
 - ◆ **Status Report:** Select “**On**” to let network send **Status Report** message to inform your sending message successfully or not.
- Note:** This function needs the network to support.

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- ◆ **Validity period:** Set validity period as **1 Day, 1 Week, or 1 Month** within which the message is repeatedly sent by short message center till it is received.

8 EXTRA



Extra offers some tools, such as, **Alarm**, **Calculator**, **World Clock** and **Radio**.

8.1 Alarm

Set Alarm alert at a certain time. Alarm alerts only when the phone is in power on.

1. Press **MENU/SELECT key** to enter **Menu**.
2. Select **Extra** to enter submenu and press **MENU/SELECT key** to set **alarm**.
3. Press **LEFT/RIGHT key** and **MENU/SELECT key** to select **Enable** or **Disable** to activate or deactivate alarm.
4. Select **Set** and press **MENU/SELECT key** to set alarm.
5. Press **LEFT/RIGHT key** to move the cursor, and press **UP/DOWN key** to set Alarm Clock. Press **MENU/SELECT key** to confirm.
6. Select **Once**, **Daily** or **Weekdays** alarm by pressing **LEFT/RIGHT key** and **MENU/SELECT key**.
7. When alarm rings, select **OFF** to stop alarming; select **Snooze** to postpone alarming time, alarm rings again 10 minutes later.

8.2 Calculator

Use calculator to execute basic maths calculation.

-
1. Press **MENU/SELECT key** to enter **Menu**.
 2. Select **Extra** to enter submenu.
 3. Go down to **Calculator** and press **MENU/SELECT key** to set.
 4. Press **0~9 NUMBER key** to key in digits. And press **LEFT/RIGHT key** to scroll to the symbol you want, press **MENU/SELECT key**.

÷	Division Sign
-	Subtraction Sign
=	Equal Sign
+	Plus Sign
x	Multiply Sign
.	Decimal point
C	Clear all input digits and reset to Zero
MR	Reckon the Number saved
MS	Save the current result
MC	Clear the saved result
±	Change digit to positive number or negative

Press **CLR/BACK key** to erase digit one by one and exit to previous window, press **EXIT key** to exit to **Menu** display.

Note: This calculator has a limited accuracy and is designed for simple calculations.

8.3 World Clock

Use **World Clock** to view the time of cities in the world.

1. Press **MENU/SELECT key** to enter **Menu**.
2. Select **Extra** to enter submenu.

-
3. Go down to **World Clock** and press **MENU/SELECT key** to set.
 4. Press **LEFT/RIGHT key** to scroll to the city you want to view.
 5. Press **EXIT key** or **CLR/BACK key** to exit.

8.4 Radio

1. Press **MENU/SELECT key** to enter **Menu**.
2. Select **Extra** to enter submenu.
3. Go down to **Radio** and press **MENU/SELECT key** to set.
4. Press the “**options**”, you can do operations as shown in “3.6 FM Function”.

9 PHONE INFO



View the number information of your phone.

1. Press **MENU/SELECT** key to enter **Menu**.
2. Select **Phone info** to enter submenu.
3. View your own FWP number in **List**.

10 TEXT INPUT

C800P provides text input modes: Multitap Input (Traditional), Numbers Input, eZiText Input, and Symbols Input. Input mode includes capital letter and lowercase mode.

Key in letters, digits, characters and symbols when write text or edit contact record information in **Contacts** or **Messages** etc., follow the common instruction in hereinafter table.

Operation	Method
Input Letters	In Multitap (Traditional) mode, press corresponding letter/digit key till the desired letter appears.
Input Digits	In Numbers mode, press digit key once.
Input Symbol	In Symbols mode, press corresponding digit key to the symbol. In Multitap mode, press 1 key till the symbol (common symbols) appears.
Input Space	Press # key, except for being in numbers mode.
Erase Character	Press CLR/BACK key.
Erase all the characters	Hold CLR/BACK key till all the characters erased.
Move cursor left or right	Press LEFT/RIGHT key.
Change Text Mode	Select input text mode listed in, and press MENU/SELECT key.
capital letter/ lowercase	Press * key to switch between capitalization and

	lowercase. Press * key twice to enter capitalization case, press * key again to get back to lowercase.
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10.1 Multitap Mode

Select Multitap Mode — Each key stands for multiple letters. Press key till your letter appears. When the cursor moves, enter the next letter.

10.2 Numbers Mode

Select Numbers Mode — Press the corresponding key once to input the number.

10.3 eZiText Mode

Select eZiText Mode — Press digit key corresponding to the letter once until the word appears on the screen.

If the word displayed is not the word you want, press **UP/DOWN key** to look for another matching word. Then press **MENU/SELECT key** to confirm.

10.4 Symbols Mode

Select Symbols Mode — Press **UP/DOWN key** to page the screen, press digit key corresponding to the symbol to input symbol.

11 TROUBLESHOOTING

If C800P appears following phenomenon in the process of application, please read following relative information at first. If the problems still can not be solved, please contact with the distributor or service provider.

Problem	Check Point
No Dial Tone when off-hook.	Hook on and hook off receiver again.
No corresponding response from the interface of keypad system (After several attempts).	Power off and then power on again.
Incorrect display of system time.	Check whether the system signal is too weak.
No display on screen when disconnect external power supply.	Check whether the battery has electricity, or it is damaged; or power on the phone again.
Press CALL/REDIAL key , but no number is sent.	Check whether you have hooked off (Notice: Be sure to hook off before sending the number when making a call.).
There is incoming call, but no prompt ring tone is heard.	Please check the mute mode and the volume of ring tone.
There is no prompt tone when the alarm clock has reached the time.	Please check whether the alarm clock is enabled or not.
Certain call cannot be received.	Check whether the number is restricted in incoming list.

Cannot send short message.	Please check the network condition.
Other abnormal phenomenon.	Please first refer to user manual, then check whether the power is connected correctly or not, if there are no problems, please power off and re-start the phone again

12 TECHNICAL INFORMATION

12.1 Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines.

These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The ICNIRP SAR limit for mobiles devices used by the general public is 2 W/kg and the highest SAR values for this device when tested, were Body: 1.42 W/kg, Head: 1.15 W/kg.*

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is

due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure.

Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a “hands-free” device to keep the mobile phone away from the head and body. Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/emf>)

* The tests are carried out in accordance with international guidelines for testing.

The limit incorporates a substantial margin for safety to give additional protection for
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the public and to account for any variations in measurements. Additional related information includes the Brightstar Corp. testing protocol, assessment procedure, and measurement uncertainty range for this product.

12.2 Technical Specification

Air interface protocol: IS-2000SR1, downward compatible with IS-95A/B.

- Frequency range: Tx: 824~849MHz; Rx: 869~894MHz
- LCD: outgoing number/ talk time/ clock/ CID/ RSSI signal intensity/ battery level/ short message indication
- External interfaces:
 - a. External power socket (DC)
 - b. DATA interface
 - c. Antenna connector TNC (F)
 - d. FM Antenna
- External power adapter Power supply: 90V~220V, 50Hz (AC)
- Voice decoding: 13K QCELP/ EVRC
- Dimensions (W×H×D): 235×143mm×73mm (Exclude antenna and handset).

13 SAFETY INFORMATION

SAFETY INFORMATION FOR FIXED PHONES

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.

READ THIS INFORMATION BEFORE USING YOUR PHONE.

- **Exposure to Radio Frequency (RF) Energy.** Your phone contains a transmitter and a receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Avvio phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

- **Potentially Explosive Atmospheres.** Areas with potentially explosive atmospheres are often but not always posted and can include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as g

rain dust, or metal powders. When you are in such an area, turn off your wireless device, and do not remove, install, or change batteries. In such areas, sparks can occur and cause an explosion or fire.

- **Operational Precautions.** To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards; always adhere to the following procedures.
 - **External Antenna Care.** Use only the supplied Brightstar approved antenna. Unauthorized antennas, modifications, or attachments could damage the phone. Do NOT hold the antenna when the phone is IN USE. Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.
 - **Phone Operation.** When placing or receiving a phone call, hold your phone as you would a wireless telephone. To maintain compliance with RF energy exposure guidelines, ensure the phone antenna

a is at least 8 inches (20 centimeters) from your body when transmitting.

- **Approved Accessories.** Use of accessories not approved by Brightstar Corp., including but not limited to batteries and antennas, may cause your phone to exceed RF energy exposure guidelines.
- **RF Energy Interference / Compatibilities.** Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

- **Medical Devices**

- Pacemakers**

- Pacemaker manufacturers recommend that a minimum separation of 8 inches (20centimeters) be maintained between the fixed wireless phone and a pacemaker. Persons with pacemakers should:

-
- 1) Always keep the phone more than 8 inches (20 centimeters) from your pacemaker when the phone is turned ON.
 - 2) Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.





Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

- **Batteries.** Batteries can cause property damage and / or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in

handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects. Use only original batteries and chargers.

Your battery or phone may contain symbols, defined as follows.

	Important safety information will follow
	Your battery or phone should not be disposed of in a fire
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash

- Please don't use any damaged battery or charger and use the battery only for its intended purpose.
- Don't apply extreme shock to the battery. It's dangerous to disassemble a battery or to apply extreme shock to the battery via nail or heavy metal objects.

-
- Keep the charger or batteries out of reach of small children or babies. Please instruct children the proper ways of handling phone during usage.
 - Shock circuit and breakdown may occur and cause severe danger to user due to improper usage.
 - Always try to keep the battery between -10° ~ 55° Celsius.
 - Use only manufacturer approved rechargeable batteries and charger designated for this device.

- **AC/DC Adapter**

AC/DC Adapter for this phone has met applicable UL safety requirements.

Please adhere to the following safety instructions per UL guidelines.

This power unit is intended to be correctly orientated in a vertical or horizontal

or floor mount position,

IMPORTANT SAFETY INSTRUCTIONS – SAVE THESE INSTRUCTIONS

DANGER – TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,

CAREFULLY FOLLOW THESE INSTRUCTIONS

For connection to a supply not in the U.S.A., use an attachment plug adapter of the proper configuration for the power outlet.

Seizures / Blackouts. Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout. If you experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor.

14 WARRANTY

Limited Warranty for Personal Communication Products, Accessories and Software.

What Does this Warranty Cover? Subject to the exclusions contained below,

BRIGHTSTAR warrants the Avvio branded C800P that it manufactures (“Products”), to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer’s exclusive remedy, and applies as follows to new Avvio branded Products manufactured by BRIGHTSTAR, and purchased by consumers around the world, which are accompanied by this written warranty:

Products Covered

Products as defined above.

- 1) The Fixed Wireless Telephone.
- 2) The accessories included with the Fixed Wireless Telephone.

Length of Coverage

One (1) year from the date of purchase by the original consumer/purchaser of the product.

Exclusions

- 1) **Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.
- 2) **Abuse & Misuse.** Defects or damage that results from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Product for commercial purposes or subjecting the Product to abnormal usage or conditions; or (d) other acts which are not the fault of BRIGHTSTAR, are excluded from coverage.
- 3) **Use of Non-Avvio branded Products and Accessories.** Defects or

damage that results from the use of non-Avvio branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

- 4) **Unauthorized Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than BRIGHTSTAR or its authorized service centers are excluded from coverage.
- 5) **Altered Products.** Products or Accessories with (a) serial numbers or date tags that have been removed altered or obliterated; (b) brOKen seals or those that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Avvio branded housings, or parts, are excluded from coverage.
- 6) **Communication Services.** Defects, damages, or the failure of products, due to any communication service or signal you may subscribe to or use with the Products is excluded from coverage.

Who is covered?

This warranty extends only to the first consumer/purchaser, and is not transferable.

What will BRIGHTSTAR Do?

BRIGHTSTAR, at its option, will at no charge repair, replace or refund the purchase price of any Product that does not conform to this warranty. We may use functionally equivalent reconditioned / refurbished / pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

For information on how to obtain service, contact the place where the product was purchased or a BRIGHTSTAR Service Center in your country.

In order for this Warranty to take effect, take your unit, along with this policy, to

the place of purchase or to a BRIGHTSTAR Authorized Service Center.

You will receive instructions on how to ship the Products, at your expense, to a BRIGHTSTAR Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL BRIGHTSTAR BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING

NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

15 REGULATORY



Brightstar Corp. hereby declares this unit to be in compliance with the relevant Provisions of the Low Voltage Directive 73/23/EEC and the EMC Directive 89 / 336 / EEC.

Brightstar Corp. hereby declares this unit to be in compliance with the essential requirements and other relevant provisions of Directive 1999/519/EC.

16 FCC NOTICE TO USERS

We have not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.19(3).

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. See 47 CFR Sec. 15.19(3).

RF exposure information: To maintain compliance with FCC RF exposure requirements, use handset that maintain a 20cm separation distance between the user's body and the host. MPE limit for RF exposure at prediction frequency is $0.558\text{mW}/\text{cm}^2$ for CDMA850MHz. The MPE for CDMA850MHz is $0.424\text{ mW}/\text{cm}^2$. It satisfies RF exposure compliance.