home**conne**X
X1500

owner's manual

AiRTouch®

Included items

1. Base station
2. Handset
3. Handset charging cradle
4. Belt clip
5. Ni-cad rechargeable battery for handset
6. AC Adaptor for base
7. AC Adaptor for handset
8. Telephone cord (1.8 m)
9. LAN cable (1.8 m)
10. GPS Antenna
11. User guide
12. Warranty card
13. Quick start guide

Contents

Get ready

Set up the base

Base

1. **PAGE/REG key**
2. **IN-USE LED**
3. **PWR/BAT LED**
4. **LAN port (RJ-45)**
5. **PHONE port (SLIC)**
6. **TEL LINE port (PSTN)**
7. **GPS ANT**
8. **DC 9.5V jack**
9. **INIT button (Factory Reset)**
10. **Adjustable Stand**
11. **Cellular Antenna**
12. **Cordless Antenna**
13. **SIM Card Slot** (inside the cover)
14. **Battery Compartment**
15. **Power Switch** (inside the cover)

Locating Your Base Station

Some important considerations:
- Charge the handset for 12–15 hours before using it.
- Place the base station where an adequate cellular signal can be received.
- Keep the base station and handset away from sources of electrical noise, such as motors, fluorescent lighting, or microwave ovens.

Your HomeConneX X1500 is a two line phone that can employ both cellular service and conventional landline service and operates like a two line phone. If you retain your landline service and want the X1500 to operate as a conventional cordless telephone for landline service, then connect the telephone line cord to the TEL Line port of the base station and the other end to the telephone wall jack like any conventional cordless telephone. (This connection is required only if you want X1500 to operate as a two way phone between TEL and CEL or TEL only conventional cordless telephone.)

1 Connect the telephone line cord to the **TEL LINE** port and to a telephone wall jack. (This connection is required only if you want to use the phone with your landline service.)

2 Set the base station* on a desk or table.
  * *Base station can be placed in a vertical or horizontal position.*

3 Connect the GPS Antenna to the GPS Antenna Jack on the side of the Base unit by pushing the connector into the jack. Place the other end of the GPS antenna in a convenient location. Because the Antenna end is magnetized, you can affix it to any metal item. The GPS antenna is used for any 911 call, to help emergency responders to locate the customer's position if he/she can't speak or give the 911 operator his/her location.

4 Find the base AC Adaptor (the larger Adaptor) and connect it to the **DC 9.5V** jack on the base and to a standard wall AC outlet (100~240V, 50/60Hz).

Power backup battery (Optional)

You can purchase an optional Li-ion battery from your AirTouch agent store for your X1500 base station (Model Number LIB150). Place this battery inside the X1500 base station battery compartment and when fully charged, in case of power outage, the base station can operate up to 40 minutes (depending on the battery condition) and provides automatic seamless hands off in case you are having a conversation so that the conversation will not be interrupted.

1 Verify power is disconnected from the base station.
2 Open the battery cover on the back of the base station.
3 Verify that the connector is properly aligned with the jack and install and connect the battery.
4 Slide the switch to the "on" position to enable the battery backup function.
5 Replace the cover.

Note:
- **Battery not included.**
- **Battery is not required to operate the product.**
- **Red PWR/BAT LED on base station is lit while the base station is operating with backup power.**
- **The battery power is activated automatically when current from the AC Adaptor is interrupted; unplugging the AC Adaptor does not turn off power to the phone when the battery is connected.**
- **Be sure to remove the battery when disconnecting power.**

Prepare the handset

Handset
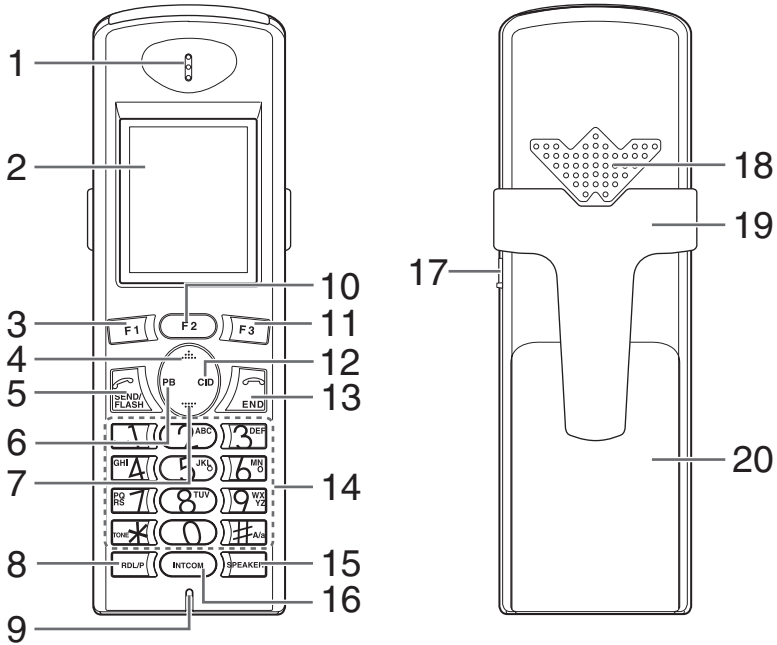
1. **Earpiece**
2. **Color LCD**
3. **CEL (F1)**
   makes CEL call when CEL is shown
4. **UP**
5. **SEND/FLASH**
6. **PB**
   shows Phone book list
7. **DOWN**
8. **RDL/P**
   for Redial or Pause
9. **Mic**
10. **Menu (F2)**
    calls setup Menu items
11. **TEL (F3)**
    makes TEL call when TEL is shown
12. **CID** shows Caller ID list
13. **END**
    terminates CEL, TEL or INTERCOM calls

14. **Numerical keys**
15. **SPEAKER**
16. **INTCOM**
    makes call to another handset
17. **Headset Jack**
18. **Handset speaker**
19. **Belt clip**
20. **Battery compartment**

Tone table

- Error tone
- Confirmation tone
- Low battery tone
- Key tone

Install the battery

1 Open the cover.

2 Verify that the connector is properly aligned with the jack and connect the battery.

3 Close the cover.

Notes:

- **The connector is designed to easily fit the jack in only one direction. Do not use excessive force.**
- **Put the handset on the cradle if the Standby screen is not displayed once you connect the battery.**

Charge the battery

Cradle

1. **Charging contacts**
2. **DC 5.0V jack**
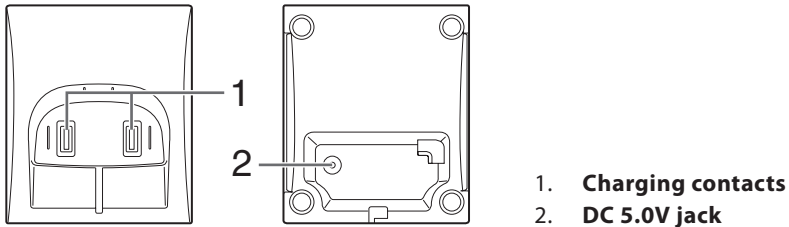
1 Find the handset AC Adaptor (the smaller Adaptor). Connect the AC Adaptor to the **DC 5.0V** jack on the cradle and to a standard (100~240V, 50/60Hz) wall outlet.

2 Set the cradle on a desk or table, then set the handset on the cradle with the keypad facing forward.

3 Allow the battery to charge for 12–15 hours.

Note: Charge the battery frequently. Leaving the battery uncharged for a prolonged period can adversely affect battery charging capacity. If this happens, replace the battery. While Handset is in Charger Cradle the power indicator "on" will show that it is charging at all times, even after the battery is fully charged. To check the actual battery charge level, remove the Handset from cradle and check the power indicator in the upper right corner of the LCD.

A power indicator in the upper right corner of the LCD shows how much battery life remains.

Full charge   **Low charge**

Note: Use only the rechargeable battery pack supplied with your handset.
(Call 877 833-7388 opt. 2 to order new batteries)

Base power on

When powered on for the first time, the base station and the handset go through an initialization sequence.

The handset and base are registered at the factory. When both handset and base are powered on, they will immediately find each other and confirm the registration automatically. During the initialization process, the handset first shows "Searching" and when it successfully finds the base that it is registered to, then the handset will show "X1500HSS 1" on the handset display. Additional handsets can be registered to the base and will display "X1500HSS 2, 3, 4, etc., up to 6."

If they don't find each other, refer to "Handset registration" below.
Note: Do not use the phone until the initialization sequence is complete and the Handset shows X1500HSS1.

Handset registration

You can register up to six handsets to the base station, including the one preset registered handset in the package. Each new handset must be electronically registered with the base station.

Note: The handset included in this package is pre-registered at the factory with the base station. You do not need to perform the following Registration procedure. However, if it becomes deregistered, use this procedure.

Register

1   On the handset, press Menu *(F2)*, scroll to Handset Setup and press Enter *(F1)*.
2   Scroll to Registration and press Enter *(F1)*.
3   The display shows New Register. Press Enter *F1* again. The display will show Please Wait.
4   Press and hold *PAGE/REG* for five seconds until **IN-USE Right Green LED** on base station blinks.
5   Then press *F1* (Enter) on the handset. A "Please Wait" message appears and a few seconds later, the Handset will find the base and display "Select.." and "Base ID:" Example, 01:9C:AO:00:B8 (your individual base ID will vary, but will be in this format).
6   After Handset displays Select..and Base ID, press F1 again. A "Please Wait" message appears while the Base and Handset are paired.
    Registration takes just a few seconds. When registration is completed, you hear a tone and "X1500HSS 1, or X1500HSS 2, etc." appears on the LCD screen on the Handset being registered.

Standby Screen

When the sequence is complete, the Standby Screen appears as shown in the picture on the right. This screen is always visible when the phone is idle. At the bottom of the screen the text indicates which service lines are active. CEL is wireless service, and TEL is landline service.

The CEL indicator may take up to two minutes to appear, depending on cellular signal conditions in your area.

The handset displays CEL for cellular service and TEL for conventional landline only if you subscribe to these services and activate the cellular service (CEL) or plug your X1500 base TEL LINE to telephone wall jack with a telephone cord and you are a current customer for landline service.

If you have connected with your cellular service provider, the date and time may be set automatically.

Cellular Activation

Depending on your carrier of choice for your wireless services, you may have a different distinctive activation method for your X1500.

GO!

Make a wireless CEL call

To make a call	1 Enter number 2 Press CEL *(F1)* <center>- OR -</center> 1 Press CEL *(F1)* 2 Enter number
To end the call	Press *END* <center>- OR -</center> Place the handset on the cradle
To answer a call	Indicates CEL when CEL rings Press CEL *(F1)* <center>- OR -</center> Press *SEND/FLASH*

Note: CEL button does not appear if you are not subscribing to cellular service. However, some carriers network automatically establishes a link to your X1500 and CEL button appears regardless of your subscription to the network. In this case, the dial tone will be heard when you press CEL button but when you try to dial out, the network operator will announce that your call will not go through since you are not subscribing to the service.

Make a landline TEL call

To make a call	1 Enter number 2 Press TEL *(F3)* <center>- OR -</center> 1 Press TEL *(F3)* 2 Enter number
To end the call	Press *END* <center>- OR -</center> Place the handset on the cradle
To answer a call	Indicates TEL when TEL rings Press TEL *(F3)* <center>- OR -</center> Press *SEND/FLASH*

Note: If there is no dial tone when pressing TEL *(F3)*, the phone is not connected to the landline network.

Make a Handset to Handset INTERCOM call

To make a call	1 Press *INTCOM* 2 Select Handset to call 3 Press *SEND*
To answer a call	Handset indicates INTERCOM when intercom rings Press *F1* (Answer) <center>- OR -</center> Press *SEND*
To end the call	Press *END* <center>- OR -</center> Place the handset on the cradle

Make a call using an analog PHONE

When an analog phone set is connected to the PHONE port, you can make a phone call as follows.

Call received	Wireless call	Landline call	Handset (Intercom)
To make a call	*1* Take an existing phone handset and *2* Dial #01 and number	*1* Take an existing phone handset and *2* Dial #00 and number	*1* Take an existing phone handset and *2* Dial 3 and then the number of the X1500 Handset that you want to talk with. Ex: Dial 3 + 1 to talk with X1500 Handset 1. Dial 31 to 36 for calling an X1500 Handset, 1 to 6.
To end the call	Hang up the SLIC phone handset		

Handset/Base setup menu

You can set up the X1500 Handset menu to provide CID dialing, Base and Handset settings, Phone book editing, SMS reading and writing.

• Call Log   - Shows Calls, Answer, CID log, and Make call, Save to Phone book.
• Phone book   - Shows Phone book, Make calls, or Add, Edit Phone book
• Message   - Read or Write SMS, Set up and Retrieve Voicemail
• Function   - Scheduler
• Handset Setup - General Handset Ring and Tone, Display, Audio Volume, HAC setting
                          Registration
• Base Setup   - General CEL Status, TEL Setup, Router, Base LAN 3G data Setup features

Using the Menus

BASIC ACTIONS

Open the menu	Press *F2* (Menu)* key on the handset.
Move the cursor	Press the ▲ or ▼ key. A selected menu item is highlighted. **(This action is called "scrolling" throughout this guide.)**
Select an item	Press *F1* (Enter)* to select the menu item.
Return to the previous screen	Press *F3* (Back).*
Close the menu	Press *END*.

* **Using the soft keys**
   By pressing *F1*/*F2*/*F3*, you can select the feature shown directly above it on the display.

Call Log menu - Use Enter/F1 button to change levels

1st Level Menu	2nd Level Menu	3rd Level Menu	Detail
All Call	List to Select All Call Log. Following log can be listed by Left or Right key - All Call - Missed call - Answered Call - Dialed Call - Blocked Call - Delete All	Edit Number	To freely edit the phone number of call log record and make CEL TEL call. - Add 1 for long distance - Delete Area code - Append extension number
		Call Back	Immediately place callback to the number of call log record.
		Send SMS	To edit the SMS message and send it to the number of call log record.
		Save to Phone book	To store the phone number of the call log record to Phone book.
		Detail	To look at details of the call, including CID and phone number.
		Delete Record	Delete selected call log record.
Missed Call	List to Select Missed Call Log	Edit Number	To show the "Missed Call" list and to operate… "Edit Number," "Call Back," "Send SMS," "Save to Phone book," "Detail" and "Delete Record."
		Call Back	
		Send SMS	
		Save to Phone book	
		Detail	
		Delete Record	
Answered Call	List to Select Answered Call Log	Edit Number	To show the "Answered Call" list and to operate …"Edit Number," "Call Back," "Send SMS," "Save to Phone book," "Detail" and "Delete Record."
		Call Back	
		Send SMS	
		Save to Phone book	
		Detail	
		Delete Record	
Dialed Call	List to Select Dialed Call Log	Edit Number	To show the "Dialed Call" list and to operate … "Edit Number," "Call Back," "Send SMS," "Save to Phone book," "Detail" and "Delete Record."
		Call Back	
		Send SMS	
		Save to Phone book	
		Detail	
		Delete Record	
Blocked Call	List to Select Blocked Call Log Blocked Call can be set on your phone book	Edit Number	To show the "Blocked Call" list and to operate… "Edit Number," "Call Back," "Send SMS," "Save to Phone book," "Detail" and "Delete Record."
		Call Back	
		Send SMS	
		Save to Phone book	
		Detail	
		Delete Record	
Delete All	Missed Call	Confirm?	Delete all of the "Missed Call" records in the Call Log.
	Answered Call	Confirm?	Delete all of the "Answered Call" records.
	Dialed Call	Confirm?	Delete all of the "Dialed Call" records.
	Blocked Call	Confirm?	Delete all of the "Blocked Call" records.
	All Call	Confirm?	Delete all of the call log records including Missed / Answered / Dialed / Blocked Calls.

Phone book menu - Use Enter/F1 button to change levels

1st Level Menu	2nd Level Menu	3rd Level Menu	Detail
View Records	Dial Out CEL	----	Make a phone call using this number via CEL line.
	Dial Out TEL	----	Make a phone call using this number via TEL line.
	Send SMS	New Message	Edit the SMS message, then send it using this Phone book record.
	Edit Record	----	Edit the content of this Phone Book record.
	Add Entry	----	Edit and add new Phone Book entry.
	Delete Record	Confirm To Delete?	Delete this Phone book entry.
	Copy Record to	Handset 1~6 (Excluding self)	Copy this Phone book entry to one of the other Handset Phone books.
Add Entry	Name, Number Default Line, Distinctive Ring, Speed Dial, and Block	---	Edit and add new Phone Book entry.
Speed Dial	0~9	----	View speed dial phone number stored in 0 – 9 speed dial entries.
Memory Status	Total Records 100 Available XX	----	View the maximum number of Phone book records that can be used, and report the current number of Phone book records stored.
Delete All	Confirm	Empty	Delete all Phone book Records.
Copy all records to	Confirm	Please Wait Copying	Copy all Phone book Records to one of the other Handset Phone books.

Message menu

1st Level Menu	2nd Level Menu	3rd Level Menu	Detail
Inbox	View	View	View SMS message.
	Edit	New Message	Edit and forward the SMS message or Edit and Save edited message.
	Call Back	SMS Number Appears	You can make CEL/TEL phone call to the number of the SMS message.
	Reply	New Message	Edit new SMS message to reply to the sender of the original message.
	Delete	Confirm to Delete?	Delete one SMS message.
	Delete All	Confirm to Delete?	Delete all SMS messages in Inbox.
Outbox	View	SMS Message Appears	View SMS message.
	Edit	SMS Message Appears	Edit and forward the SMS message or Edit and Save edited message.
	Call Back	SMS Message Number Appears	You can make CEL/TEL phone call to the number of the SMS message.
	Resend	----	Resend the SMS message in Outbox.
	Delete	----	Delete one SMS message.
	Delete All	----	Delete all SMS messages in Outbox.
Draft Box	Edit	New Message	Edit and send the SMS message, or Edit and Save edited message.
	Delete	Confirm to Delete?	Delete one SMS message.
	Delete All	Confirm to Delete?	Delete all SMS messages in the Draft Box.

1st Level Menu	2nd Level Menu	3rd Level Menu	Detail
Write Message	Send SMS	Input Number	Send edited SMS message to the number you enter.
		From Phone book	Send edited SMS message to the number in the Phone book.
	Save	----	Save SMS message to the Draft Box. You can find the saved message from the Draft Box menu, then continue editing and finally send the message.
Voice Message	CEL Voice Mail	----	Make phone call to the number stored in the "CEL VM Number."
	TEL Voice Mail	----	Make phone call to the number stored in the "TEL VM Number."
	Setup	CEL VM Number	Enter the phone number of the CEL Voice Mail retrieval center.
		TEL VM Number	Enter the phone number of the TEL Voice Mail retrieval center.

 ## *Function menu*

1st Level Menu	2nd Level Menu	3rd Level Menu	Detail
Scheduler		----	View monthly Scheduler.

 ## *Handset Setup menu*

1st Level Menu	2nd Level Menu	3rd Level Menu	Detail
General	Unit Name	Input Name	Your phone arrives with the name "Handset-1" pre-assigned to the base station. Each handset receives a number (1–6) in the order of registration. You can change the name and number assigned to a handset (up to 10 characters).
	Area Code	Area Code 1 Area Code 2 Area Code 3	Enter up to three area codes. With local area codes stored, the phone can distinguish between local and long distance calls.
	Date And Time	Time Date Date Format	The date and time automatically synchronize with the cellular network when the base station is powered on. If the time and date do not automatically synchronize with the network, it must be set manually.
	Language	English, Français Español, Português	Select handset menu language.

1st Level Menu	2nd Level Menu	3rd Level Menu	Detail
Ring and Tone	External Call	TEL Ring CEL Ring Ring Volume	You can set different ring tones for CEL (wireless) calls and TEL (landline) calls. You can set the ringer volume from menu. There are 18 choices of ring tones.
	Internal Call	Ring Tone Ring Volume	You can set different ring tones for Internal calls. You can set the ringer volume from menu. There are 18 choices of ring tones.
	Ring Effect	Distinctive Ring	You can enable or disable the Distinctive Ring feature stored in each Phone book entry. When OFF is selected, the Ring Tone for "External Call" is used.
	Ring Effect (cont'd)	Night Volume	You can set the volume for the ringer to a lower level for nighttime between 9 p.m. and 6 a.m. based on the phone's internal clock.
	Alert Tone	Key Tone Low Battery On Cradle Tone	You can select Key Press Tone ON/OFF, Low Battery warning tone ON/OFF, and "On Cradle" tone volume High/Low/Off, which makes a tone when you place the handset on the cradle.
Display	Wallpaper	Palm Tree Sunflower Moon Earth Dog Lightning	Select one of the pre-stored pictures to be displayed in the background of the standby screen.
	Color Scheme	Black Green Red Blue	Select one of the Color Schemes for the Menu screen.
	Setting	Contrast On Cradle Brightness Screen Saver Backlight Time	Select 1 – 8 LCD Contrast level, screen brightness Full/Dim/OFF when "on cradle," screen saver selection Wallpaper/Clock/Normal when on cradle state, and 10-40 Seconds before Backlight times out to OFF.
Audio Volume	Earpiece Speaker Headset	Audio Level Displays	Select 1 – 5 for Earpiece volume, 1 – 5 for Speaker volume, and 1 - 8 for Headset volume.
HAC	New Register	----	You can register up to six handsets to the base station, including the one handset in the package. Each new handset must be electronically registered with the base station. The handset included in this package is pre-registered at the factory with the base station. If it becomes deregistered, reregister the handset.
Registration	Use T-Coil Use TTY	Normal or T-Coil Normal or Use TTY	• If you have a hearing aid equipped with a telecoil (T-coil) feature and if you have problems with noise on the line, try turning on T-coil mode. • X1500 is designed to convert received calls to text that you can read on your TTY device. • TTY is available only when in TEL line (PSTN).

Base Setup menu

1st Level Menu	2nd Level Menu	3rd Level Menu	Detail
General	Default Connection	CEL TEL	Select CEL or TEL to use in the dialing screen and when SEND/FLASH key pressed.
	Barge-In	On Off	Select ON/OFF whether to use Barge-In feature.
CEL Setup	CEL Number	877-833-7388	Use this feature to see your cellular telephone number.
	Signal Level	----	View strength of the CEL radio wave. You should place the Base in an area with the best signal level location.
TEL LINE	Dial Mode	Tone Pulse	Select matching TEL Line type Tone/Pulse you are using.
Router	3G Data Network	Enable Disable	
	DHCP Server Setup	Enable Start Address End Address Net Mask Primary DNS Secondary DNS Gateway Lease Time In SEC	Configure each DHCP server parameter used in the LAN port of the BASE.
	LAN IP Setup	3G Data Network IP Address Net Mask	Configure IP Address and Subnet Mask setting used in the LAN port of the Base.

Enter names and characters

Use the keypad to choose the characters you want. Use the #A/a key in the lower right area of the Handset to switch the letters from capital to lower case as needed.

Character table for entering names

keys	Number of times key pressed								
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
1	space	1	.	,	:	;	'	"	(
	)	<	>	&	%	!	?	i	¿
2	A	B	C	2					
3	D	E	F	3					
4	G	H	I	4					
5	J	K	L	5	^	{	}	\	[
	~	]	|	€					
6	M	N	O	6					
7	P	Q	R	S	7				
8	T	U	V	8					
9	W	X	Y	Z	9				
0	0	+	-	*	/	=	#	_	$
	£	¥	@	Δ	¤	§	Φ		

- Use **PB** to scroll to the left or the A key to scroll to the right.
- Press Delete **(F2)** to erase a character.
- **# A/a** Key selects Upper case or Lower case input setting.

More features

Volume and Hands-free

During a conversation on the handset, the earpiece volume can be adjusted or the hands-free speaker can be selected.

Set earpiece volume

During a call, press ▲ for higher or ▼ for lower volume.

Hands-free call

During a call, press **SPEAKER** key.
During a call, if you want to switch back from Speaker to the Earpiece to continue conversation, press **SPEAKER** again.

Caller ID

Caller ID feature requires your subscription through your service provider. Caller ID features helps identify either by number or by the name of the caller the programmed or registered identity of the caller or called. When Caller ID is active, your phone may display the caller's name and phone number if the landline or cellular service supports this feature.
Note: Caller ID and Call Waiting are usually included with cellular calling plans, but landlines may require a separate subscription. Check with your service provider for details.

Caller ID information

SINGLE CEL OR TEL CALL

In Standby, Caller ID normally shows new and total calls received.
On a single incoming call, Caller ID shows the time and date, the caller's name, and the number. CEL or TEL blinks depending on the type of call–cellular service or landline.

SIMULTANEOUS CEL AND TEL CALLS

When both landline and cellular services are active, the phone can receive both types of calls at the same time or very close together. When that happens, Caller ID information for both calls appears on the display and the call arriving first is on top.
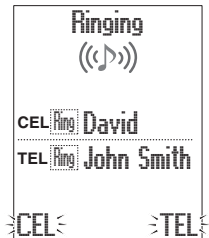
CALL WAITING

If you receive another call during a call in progress, information for both calls appears on the display.
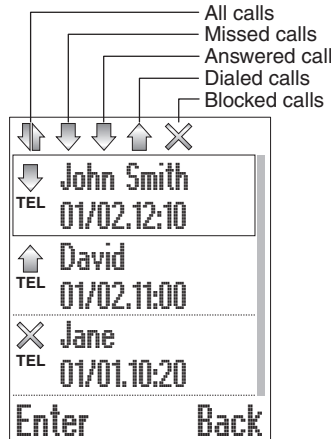Press **SEND/FLASH** to answer the new call. Press **SEND/FLASH** again to return to the first call.

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Call log

Check the log

The Caller ID log lists the name associated with the Caller ID data. If the data received does not have proper name information, the phone number is listed instead.

Press *CID* to view the Caller ID log. The newest entry appears on the display.

Press ▼ to scroll through the log from newest to oldest. Press ▲ to scroll through the log from oldest to newest. The log holds up to 200 (100 each for CEL and TEL) calls.

All calls
Missed calls
Answered call
Dialed calls
Blocked calls

⇕ ⇩ ⇩ ⇧ ✕

| ⇩ John Smith |
| TEL 01/02.12:10 |
| ⇧ David |
| TEL 01/02.11:00 |
| ✕ Jane |
| TEL 01/01.10:20 |
| Enter   Back |

Dial a number

1 Scroll to a displayed name/number and press Enter *(F1)* twice.
The number appears on the display. If the number's area code is the same as an area code stored in the phone's memory (see "Area code" on page 30), the area code may not appear. If the area code is required for dialing, press **#** to add the area code to the beginning of the number. If the number 1 is also required for dialing, press **✳** to add 1 to the beginning of the number.

2 Press CEL *(F1)* or TEL *(F3)* to make the call.

Save a number to Phone book

1 Scroll to a displayed name/number and press Enter *(F1)*.
2 Scroll to Save To Phone book and press Enter *(F1)*.
3 Enter the name (up to 16 characters) and press ▼.
  * *You cannot leave the name blank.*
  * *See "Enter names and characters" on page 18.*
  "Number?" appears on the display.
4 Change the settings (Number, Default Line, Distinctive Ring, and Block) if necessary.
  – *Scroll through the submenu:* ▲ *or* ▼
  – *Select menu item:* *PB* or *CID*
5 Press Enter *(F1)* to confirm.

Using redial

Each handset holds the last 10 numbers dialed. Each number can have up to 32 digits.

Call from redial log

1 Press **RDL/P** to recall the last dialed number.
2 Press CEL *(F1)* or TEL *(F3)* to redial the number.
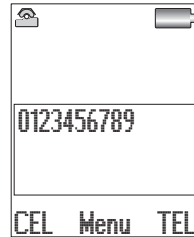
Using Speed dial

1 Set up keys *0 – 9* with numbers in the Phone book for speed dial.
2 Press and hold the appropriate number key, then press CEL *(F1)* or TEL *(F3)*.

If you need to add or remove the number 1 or the area code for proper dialing in your area, see "Add/ remove a 1" or "Add/remove area code" on page 30.

Calling options

Pause

While entering a phone number, press **RDL/P** to add a 0.5 second pause. The pause is added as the digits are transmitted when dialing. Press **RDL/P** again to make the pause longer. The letter P appears in the number each time you enter the pause.

Mix dial

If your phone is set to pulse dialing and you need to send DTMF tones during a call (to use an automated response system, for example), you can temporarily switch to tone dialing after the call connects.
1 Make your call normally.
2 Once your call connects, press ✳ on the handset to temporarily switch to tone dialing. When the call ends, the phone automatically returns to pulse dialing mode.

In-Call operations

Place a call on Hold

• Press HOLD *(F1)* to place a call on hold.
• Press BACK *(F3)* to return to the call.

Mute a call

• Press MUTE *(F3)* to temporarily cut off the microphone.
• Press UNMUTE *(F3)* to return to the call.

Transfer a call

You can transfer calls from handset to handset.
This function works for both cellular and landline calls.

HANDSET TO HANDSET TRANSFER

1 During a call, press *INTCOM*, scroll to the handset you want, and press Enter *(F1)*.
The handset involved in the transfer operation begins beeping and a message appears on the LCD.
If there is no answer within 30 seconds, the page and the transfer are cancelled and you return to the call.

2 Press Enter *(F1)* on the handset receiving the page. The call is now on hold, and the parties with the handsets can speak.

3 Press *END* on the handset that started the transfer. The call is now transferred to the receiving handset.
On the receiving handset, you can press *END* to reject the transfer. Then the call returns to the handset that started the transfer.

4 Press *END* to end the call.

Unattended transfer

You can also transfer an active call to another handset without announcing before transferring the call. At step *1*, when you hear the ring tone, hang up your phone by pressing *END* and the call will be transferred.

Set up a conference call

Conference calling lets you make a call with two parties. The phone places the second call with the service (cellular or landline) that is not being used. The Conference feature is available only with the handset.

Handset   Base   TEL
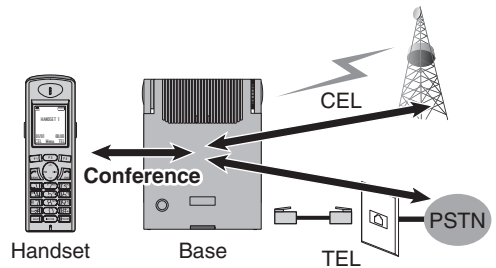
1 Make a normal call to the first person.

2 Press HOLD *(F1)*, scroll to Make TEL Call (or Make CEL Call), and press Enter *(F1)*.

3 Enter the number of the next party, and the X1500 Handset dials the number automatically.

4 Press CONF *(F3)* to connect all parties.

5 To drop a party from the conference call, press CEL DROP or TEL DROP. Press *END* to drop all parties and end the call.

Page and Intercom

The Page feature lets you locate the handset if it is misplaced, but it also can be answered by the handset.

* *During page/intercom, if another incoming call is received, page/intercom action will be canceled.*
* *Page/intercom ring tone and volume cannot be changed.*

Page

1   Press **PAGE/REG** on the base station.
    All the registered handsets beep for up to 60 seconds, and HANDSET LOCAT... appears on the display.
2   To stop the page, press either End *(F1)* or End *(F3)* on any handset, or press **PAGE/REG** on the base station.

Intercom

1   When the line is not in use, press **INTCOM**, scroll to the handset you want to talk to, and press Enter *(F1)*.
    The handset beeps for up to 60 seconds and Paging Handset 1 appears on the display.
2   To answer, press Enter *(F1)* to connect with Intercom.
    During an Intercom connection, use Mute to turn off the microphone on the handset.

Barge-in

Whether your handset is in the middle of a call on CEL or TEL, this feature allows any one of the other registered handsets to the same X1500 base station to join the call. Before using the Barge-In feature, please read the following procedures.

• The X1500 comes with the Barge-In feature set to "off." It must be activated before use.
• If power to the base station is interrupted, Barge-In must be reactivated.
• The first handset to place the call is the "master" and fully controls the call. Other registered handsets that join the call are "slaves" and can only join or exit the call.
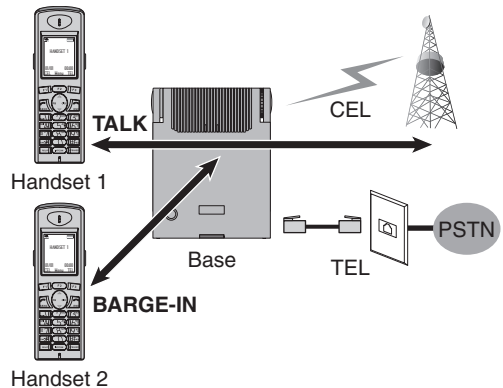
Note: Remember that with Barge-In activated, privacy may be compromised. Any registered handset can join the call, and there is no indication that another handset has joined the call.

Use Barge-In

1 Verify that Barge-In is activated. Then use one handset to place a call.

2 After the call is answered, press CEL *(F1)* or TEL *(F3)* on any handset to join the call.

Dual-line calling

Your X1500 is multi-handsets capable and with PHONE connection (Ref: Page 12), activated cellular service (CEL) and connection to conventional landline service (TEL), there are multiple call configurations. An example of it is two cordless handsets respectively calling through TEL and CEL and later on, for both of them to be tied together in a conference mode.

HomeConnex Series Terminal

The HomeConnex Series Terminal is a two-line phone that offers unique calling features because it can be used to make or receive both CEL and TEL calls.

And you can make conference calls, using CEL, TEL and extra Handsets.
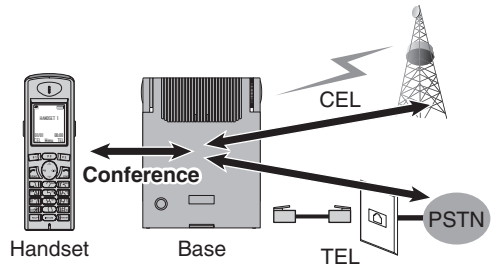
Intercept Ring
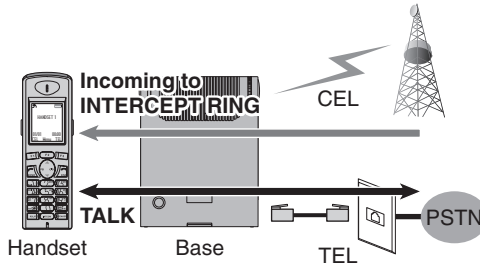
*1* During a call using TEL, if the base receives a CEL incoming call, the handset notifies the user with an INTERCEPT RING for the incoming call.

2 If CEL is pressed to an incoming CEL call, the TEL call is placed on hold and the CEL call is now active.

3 Press the Flip *(F1)* button to merge and talk to both the CEL and TEL calls.
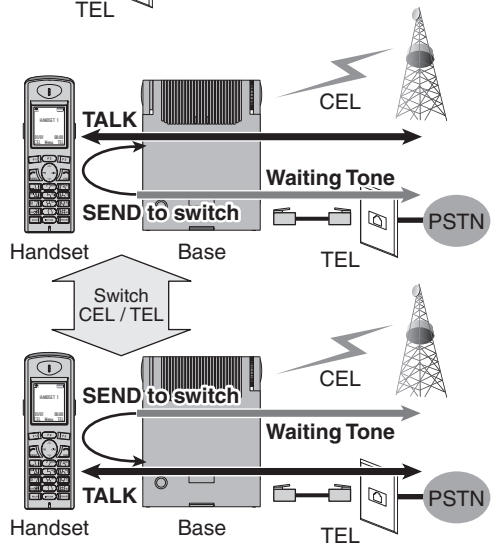
Make or Receive two separate calls:

1 When a call comes in on TEL or Handset makes call from TEL.

2 If you have another Handset, it can make a CEL call or it can answer the incoming CEL call.
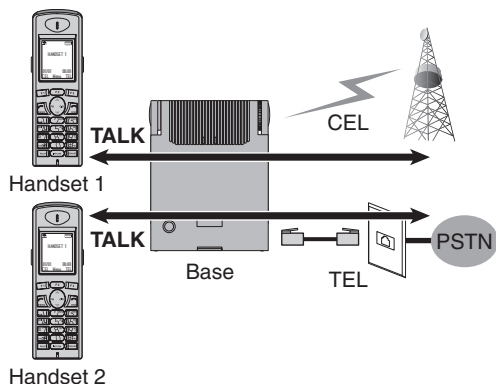
Phone book

Use the Phone book to store up to 100 names and numbers.

Add New Entry

1 While in the Phone book menu, select Add Entry to add a new entry. You can specify the following items.

2 Enter the name (up to 16 characters).
* *You cannot leave the name blank.*
* *see "Enter names and characters" on page 18.*

3 Enter the number (up to 32 digits).
* *You cannot leave the number blank.*

4 Select Default Line* (CEL/TEL/Off).
* *You can assign the primary line, either CEL or TEL. The line assigned will be selected as the default line when you press **SEND/FLASH**.*

5 Select Distinctive Ring (01 ~ 18/Off).
* *This feature allows you to assign a designated ring tone to a stored Phone book number. When a call is received from one of these numbers, X1500 uses the distinctive ring assigned to that particular caller so that you can identify the call without answering it.*

6 Select Speed Dial* (0 ~ 9/Off).
* *You can assign one phone number to each of the 10 dial keys (**0**~**9**). To display the registered number, press and hold the registered number dial key until the phone number is displayed.*

7 Select Block* (On/Off).
* *This feature allows you to reject calls from specific phone numbers that you do not want to answer. When a call from the registered phone number is received, the X1500 rings for a short time.*
* *The blocked number is logged in "Blocked Call" in the Call Log menu.*

8 Press Enter *(F1)* to confirm the entry and you will hear a confirmation tone.

Edit Record

1 While viewing the Phone book entry, scroll to the name you want to edit and press Enter *(F1)*.

2 Select Edit Record and press Enter *(F1)*.

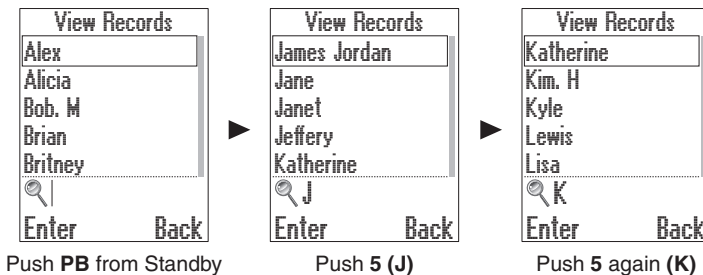**3** You can edit Name/Number/Default Line/Distinctive Ring/Speed Dial/Block with new entry the same way.

View the Phone book

Press *PB* to display the Phone book entries.

You can search for names by initial. Press the keypad *2* - *9*, or *0* that corresponds to the first letter you are searching for (see the character table below).

Character table for searching names by initial

keys	Number of times key pressed			
	1	2	3	4
2	A	B	C	—
3	D	E	F	—
4	G	H	I	—
5	J	K	L	—
6	M	N	O	—
7	P	Q	R	S
8	T	U	V	—
9	W	X	Y	Z
0	other	—	—	—

View Records	View Records	View Records
Alex	James Jordan	Katherine
Alicia	Jane	Kim. H
Bob. M	Janet	Kyle
Brian	Jeffery	Lewis
Britney	Katherine	Lisa
🔍	🔍 J	🔍 K
Enter Back	Enter Back	Enter Back
Push **PB** from Standby	Push **5 (J)**	Push **5** again **(K)**

Copying Phone book

If you have more than one handset, you can transfer Phone book entries from one handset to another without re-entering names and numbers. You can transfer one Phone book entry at a time or all Phone book entries at once.

Note: Default Line, Distinctive Ring, Speed Dial and Block for Phone book items are not copied.

One by one

1 While viewing the Phone book entry, scroll to the name you want to transfer and press Enter *(F1)*.

2 Select Copy Record To and press Enter (F1).

3 Scroll to the handset (Handset1 ~ Handset6) you want to transfer the entry to and press Enter *(F1)*. After the transfer has completed, Succeed is displayed with a confirmation tone.

All

1 Press Menu *(F2)*, select Phone book and press Enter *(F1)*.

2 While in the Phone book menu, select Copy All Record To and press Enter *(F1)*.

3 Scroll to the handset (Handset1 ~ Handset6) that you want to transfer the entry to and press Enter *(F1)*. After the transfer has completed, Succeed is displayed with a confirmation tone.

Messages

Note: You must have a subscription to use these message services. Check with your service provider for details.

Short Message Service (SMS)

This feature–available only with cellular service–lets you send and receive text messages to other SMS enabled cellular phones through the CEL connection at the handset. Check with your service provider for availability.

WRITE A NEW MESSAGE

1 Press Menu *(F2)*, scroll to Message, and press Enter *(F1)*.

2 Scroll to Message and press Enter *(F1)*.

3 Scroll to Write Message and press Enter *(F1)*.

4 Use the keypad to write a message up to 160 characters long, including spaces and special characters. (See "Enter names and characters" on page 18.)

5 When you finish writing, press Enter *(F1)*. The new message submenu appears with Send SMS and Save.

If the phone receives a call or someone initiates a call on another handset while you are writing a message, the message is automatically stored in Saved messages. You can access the message later, edit the message, if necessary, and then send the message by following the steps below.

Note: If there is an incoming call while the user is in the midst of formulating a text message, the handset yields the priority to the incoming call. However, once the call is terminated, you can go back to Message in the Menu and the drafted text will be displayed again.

SEND A NEW MESSAGE

1 Write a message, then press Enter *(F1)*. Send SMS and Save appear.

2 Scroll to Send SMS and press Enter *(F1)*. Submenu appears.

3 You can send a message to the recipient by entering the phone number or selecting from the Phone book.

From Phone book

Select From Phone book and press Enter *(F1)*, scroll to the entry you want, and press Enter *(F1)*.

By entering the phone number

Select Input Number and press Enter *(F1)*, enter the recipient's phone number, and press Enter *(F1)*.

Note: Verify that the CEL line is not in use before sending the message.

After the message is sent, a confirmation tone is heard.

4 The message is stored in Outbox for easy viewing later.

SAVE A NEW MESSAGE TO DRAFT BOX

Note: Up to 20 new messages can be saved in your X1500.

1 After writing a message, press Enter *(F1)*.

2 Scroll to Save and press Enter *(F1)*. The message is stored in Draft Box for easy viewing later.

EDIT SAVED MESSAGES IN DRAFT BOX

1 Press Menu *(F2)*, scroll to Message, press Enter *(F1)*.

2 Scroll to Draft Box and press Enter *(F1)*.

3 Scroll to the message you want to edit and press Enter *(F1)*.

4 Select Edit and press Enter *(F1)*.

RECEIVE A MESSAGE

When the X1500 receives a text message, you hear a ring tone and an envelope icon appears on the display. The message goes to the InBox.

CHECK THE INBOX FOR READ AND UNREAD (NEW) MESSAGES

Read and UnRead Messages are distinguished by icons, Read Messages are displayed with ◁ while UnRead Messages are displayed with ✉.

1 Press Menu *(F2)*, scroll to Message, and press Enter *(F1)*.

2 Scroll to Inbox and press Enter *(F1)*.

3 Scroll to UnRead Messages ✉ and press Enter *(F1)*. The phone number from which the message originated displays.

4 Press Enter *(F1)* again to read the message.

If you have no UnRead Messages, an error tone sounds.

- OR -

5 Scroll to Read Messages ◁ and press Enter *(F1)*. The phone number from which the message originated displays.

6 Scroll to the message you want to read and press Enter *(F1)*.

When you exit the Unread Messages list, any messages that have not been viewed are automatically stored in the Read Messages list. Be sure to view all UnRead Messages before exiting the UnRead Message list.

REPLY TO MESSAGES

1 While reading a message, press Enter *(F1)*.
2 Scroll to Reply and press Enter *(F1)*.
Write a reply the same way as you write a new message and press SEND to send Reply.

Voice messages

The X1500 works with both cellular and landline voicemail.

SET UP VOICEMAIL

1 Press Menu *(F2)*, scroll to Message and press Enter *(F1)*.
2 Scroll to Voice Message and press Enter *(F1)*.
3 Scroll to Setup and press Enter *(F1)*.
4 Scroll to CEL VM Number and press Enter *(F1)*.
  * *Select* TEL VM Number *to enter setup for TEL.*
5 Use the keypad to enter the voicemail number for your landline service, then press Enter *(F1)*. A beep confirms your entry.

Setup Detail

Area code

1 Press Menu *(F2)*.
2 Scroll to Handset Setup and press Enter *(F1)*.
3 Press Enter *(F1)* again to enter General menu.
4 Scroll to Area Code and press Enter *(F1)*.
5 Use the keypad to enter the area code number, then press Enter *(F1)*.
   If you make a mistake, press Delete *(F3)* to erase the last digit entered.
6 Press Enter *(F1)* to set the code.

Add/remove a "1"

With area codes stored in memory, the ✱ and # keys have a unique function in phone memory dialing.
If you need to add a 1 to 10–digit phone number for proper dialing in your area, press ✱. Press ✱ again to delete the number 1. When retrieving a number from the Caller ID log, use the ✱ key to add or remove a 1. This feature is not available when using Redial.

Add/remove area code

If you need to add the area code to a 7–digit number, press # to display the area code list. Scroll to the correct area code and press Enter *(F1)*. At this point you can also press ✱ to add the number 1, if necessary.
To remove the area code, press ✱ to remove the number 1 (if present), then press #.

Note: When dialing numbers from the Caller ID log, area codes stored in the phone are not accessible. Press # and use the keypad to add the area code. This feature is not available when using Redial.

Power backup

Power backup for the base station is an optional feature (not required to operate this product) that allows the base station to operate for up to 40 minutes (depending on battery condition) even if AC power is disrupted. If you install batteries for the Power backup feature you can check the condition of the batteries while they are installed.

Notes about Power backup
- Replace batteries every year.
- There are no indicators to inform you when the phone is operating under regular power or backup power.
- If you disconnect the AC power Adaptor, Power backup starts automatically.
- After every power outage, check the batteries and replace them as necessary.
- Actual operating time using Power backup varies depending on the condition of the batteries.

Using LAN for Internet connection

The X1500 supports 3G wireless dialup. The LAN port can be connected to a PC for Internet access. Usually X1500 would be set as Internet Gateway. Use Ethernet to connect to PC or Laptop, or use an optional Wi-Fi device, available from an authorized retailer or AirTouch, Inc.

Default setting

LAN IP setting	
IP	192.168.1.1
Subnet mask	255. 255. 255.0
DHCP Server setting	
DHCP Server	Enable
IP Start	192.168.1.10
IP End	192.168.1.32
Subnet mask	255. 255. 255.0
Primary DNS	192.168.1.1
Secondary DNS	192.168.1.1
Default Gateway	192.168.1.2
DHCP Lease period	86400 sec

If you want to change LAN settings, use the following menu paths:
MENU > Base setting > Router > LAN IP Setup
MENU > Base setting > Router > DHCP Server Setup

Factory reset

Occasionally, you may need to restore your device settings to factory setting. This can be useful when your device is not performing properly.
Notes:
- **After your X1500 is reset, the device is restored to its default settings - as it was when you first purchased it, except handset registration and activation of service.**
- **Factory reset doesn't clear handset memory such as Phone book, Call Log and SMS data.**

To reset, press and hold *INIT* button for more than 5 seconds.

Precautions

Before you read anything else, please observe the following precautions.

Warning!
AirTouch Communications, Inc. DOES NOT represent this unit to be waterproof. To reduce the risk of fire, electrical shock, or damage to the unit, DO NOT expose this unit to rain or moisture.

About battery usage

This product contains a Li-ion battery and a Nickel-Metal-Hydride Battery. There is a risk of fire and burns if the battery packs are handled improperly.

WARNING: Danger of explosion if battery pack is incorrectly replaced.

- Use only the battery for the device for which it is specified.
- Do not use a damaged battery.
- Do not attempt to open or service the battery pack.
- Do not disassemble, crush, deform, puncture, shred, or short external contacts or circuits.
- Recycle or dispose of used batteries according to local regulations or reference guide supplied with your product.
- Do not use a battery that appears damaged, deformed, or discolored or one that has any rust on its casing, overheats, or emits a foul odor.
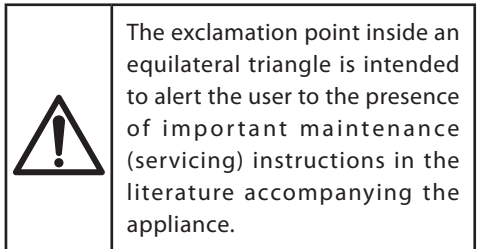
Handle battery packs carefully

- Do not dispose of in fire or water. Do not expose a battery pack to temperatures higher than 60°C (140°F).
- Keep the battery or device dry and away from water or any other liquid, as this may cause a short circuit.
- Keep metal objects away so they don't come in contact with the battery or its connectors, as this may lead to short circuit during operation.
- Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult a doctor immediately if battery is swallowed.

If battery leaks:

- Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
- Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
- Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

	The exclamation point inside an equilateral triangle is intended to alert the user to the presence of important maintenance (servicing) instructions in the literature accompanying the appliance.

Important safety instructions

When using your telephone equipment, these basic safety precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons:

1　Read and understand all instructions.

2　Follow all warnings and instructions marked on the product.

3　Unplug this product from the wall outlet before cleaning. Use a dry cloth for cleaning, without liquid or aerosol cleaners.

4　Do not use this product near water. Do not use near a bathtub, washbowl, kitchen sink, laundry tub, or near a swimming pool.

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

6　Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect the product from overheating, these openings must not be blocked or covered. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

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

8　Do not allow anything to rest on the power cord. Do not place this product where the cord will be damaged by people or pets walking on it.

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

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

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

12　Unplug this product from the wall outlet and take it to qualified service personnel under the following conditions:

　A　When the power supply cord is damaged or frayed.

　B　If liquid has been spilled into the product.

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

　D　If the product does not operate normally when following the operating instructions. (Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive repair work by a qualified technician.)

　E　If the product has been dropped or the cabinet has been damaged.

　F　If the product exhibits a distinct change in performance.

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

ADDITIONAL BATTERY SAFETY PRECAUTIONS

Caution: To reduce the risk of fire or injury to persons from the battery, read and follow these instructions:

1   Use only the battery pack specified in the owner's manual.
2   Do not dispose of the battery pack in fire. The cell may explode. Check the Nickel Metal Hydride battery disposal package insert for disposal instructions.
3   Do not open or mutilate the battery pack. Released electrolyte is corrosive and may harm the eyes or skin. It may be toxic if swallowed.
4   Exercise care in handling the battery in order to not short the battery with conductive material such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5   Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the owner's manual provided for this product.
6   Observe proper polarity orientation between the battery pack and battery charger.

<div align="center">

SAVE THESE INSTRUCTIONS!

</div>

Important Electrical Considerations

Unplug all electrical appliances when you know an electrical storm is approaching. Lightning can pass through your household wiring and damage any device connected to it. This phone is no exception.

The FCC Wants You To Know

Changes or modifications to this product not expressly approved by AirTouch Com. Inc., or operation of this product in any way other than as detailed by the owner's manual, could void your authorization to operate this product. Our telephone complies with Part 68 of the FCC Rules.

You must, upon request, provide the FCC registration number and the REN to your telephone company. Both numbers are on the base station unit.

Note: You must not connect your phone to:
• Coin-operated systems
• Most electronic key telephone systems

This device complies with FCC rules for operating on the CDMA band. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be assured when using this phone.

To assure user safety, the FCC has established criteria for the amount of radio frequency energy various products may produce depending on their intended usage. This product has been tested and found to comply with the FCC's exposure criteria. For body worn operation, the FCC RF exposure guidelines were also met when used with the accessories supplied with or designed for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines and should be avoided.

Range

Your new phone is designed to achieve the maximum possible range by transmitting and receiving according to the highest FCC specifications. We have rated this phone to operate at a maximum distance with the qualification that the range depends upon the environment in which the telephone is used. Many factors limit range, and it would be impossible to include all the variables in our rating. The Maximum Range rating of this phone is meant to be used as a means of comparison against other range claims.

Telephone Line Problems

The FCC has granted the telephone company the right to disconnect service in the event that your phone causes problems on the telephone line. Also, the telephone company may make changes in facilities and services which may affect the operation of your unit. However, your telephone company must give sufficient notice in writing prior to such actions to allow you time for making necessary arrangements to continue uninterrupted service. If you are having trouble with your telephone service, you must first disconnect your phone to determine if it is the cause of your problem. If you determine that it is the cause, you must leave it disconnected until the trouble has been corrected.

Radio Interference

Radio interference may occasionally cause buzzing and humming in your handset or clicking noises in the base station. This interference is caused by external sources such as TV, refrigerator, vacuum cleaner, fluorescent lighting, or electrical storm. Your unit is NOT DEFECTIVE. If these noises continue and are too distracting, please check around your home to see what appliances may be causing the problem. In addition, we recommend that the base station not be plugged into a circuit that also powers a major appliance because of the potential for interference. Be certain that the antenna on the unit is fully extended when necessary. In the unlikely event that you consistently hear other voices or distracting transmissions on your phone, you may be receiving radio signals from another cordless telephone or another source of interference. If you cannot eliminate this type of interference, you need to change to a different channel. Finally, it should be noted that some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base station of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

Cordless Telephone Privacy

Cordless telephones are radio devices. Communication between the handset and base station of your cordless telephone is by means of radio waves which are broadcast over the open airways. Because of the inherent physical properties of radio waves, your communications can be received by radio receiving devices other than your own cordless telephone unit. Consequently, any communications using your cordless telephone may not be private.

Installation Considerations

SELECTING A LOCATION

Before choosing a location for your new phone, there are some important guidelines you should consider:

- The location should be close to both a phone jack and a continuous power outlet. (A continuous power outlet is an AC outlet which does not have a switch to interrupt its power.)
- Keep the base station and handset away from sources of electrical noise such as motors or fluorescent lighting.
- Be sure there is sufficient space to fully extend the base station antenna.
- The base station can be placed on a desk or tabletop or mounted on a standard telephone wall plate.
- You should charge your new phone for 12–15 hours before completing the installation or using the handset.

Telephone Line Outlets

There are two types of phone outlets:

Modular Jack

Most phone equipment available now uses modular jacks. Phone cords are fitted with a molded plastic connector which plugs into this type of jack. If you do not have modular phone jacks, contact your local telephone company for information about their installation.

Hardwired Jack

Some equipment is wired directly to a phone jack, and these types of installations require a modular jack converter. This type of installation is not difficult; however, you should contact your telephone dealer or a telephone supply store for advice about the proper Adaptor or converter for your particular situation.

Connecting the Telephone Cords

Consider these safety guidelines before connecting the telephone cords:

Caution:

- **Never install telephone wiring during an electrical storm.**
- **Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected.**
- **Use caution when installing or modifying telephone lines.**

Applying Power to the base station

This phone requires an AC outlet without a switch to interrupt power, and the included AC Adaptor. To relieve strain on the DC plug when the phone is placed on a desk or table, wrap the power cord around the strain relief notch on the bottom of the base station.

Note: Place the power cord so that it does not create a tripping hazard or where it could become frayed and create a fire or other electrical hazards.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

I.C. Notice

TERMINAL EQUIPMENT

Notice: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation IC before the registration number means that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Notice: The Ringer Equivalence Number (REN) for this terminal equipment is marked on the equipment itself. The REN assigned to each piece of terminal equipment indicates the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

RADIO EQUIPMENT

The term "IC" before the radio certification number means only that Industry Canada technical specifications were met.

Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be assured when using this phone.

General information

This phone complies with FCC Rules Parts 15 and 68.

AC Adaptor Information	Base	(Larger Adaptor)	
		Input voltage	100~240V, 50/60Hz 0.5A
		Output voltage	9.5V DC, 1500 mA
	Charger	(Smaller Adaptor)	
		Input voltage	100~240V, 50/60Hz 0.18A
		Output voltage	5V, DC 200 mA
Battery Information	Ni-MH, 2.4V, 800mAh		
Frequency	CDMA 800/1900 MHz EV-DO Handset/ Base		
Weight	Handset	4.9 oz. (without battery) 7.3 oz. (with battery)	
	Base	1 lb. 13.7 oz.	
Dimensions (height × width × depth)	Handset	6-3/4" × 2" × 1-1/4"	
	Base	3-1/4" × 7-3/4" × 7-7/8"	

FCC ID Number LZXDM1500C/ LZXDM150HS

Note: This FCC ID numbers are approved under the name of Unical Enterprises Inc. AirTouch Communications Inc. has a business partnership with Unical Enterprises Inc.

Specifications, features, and availability of optional accessories are all subject to change without prior notice.

Approved patents: 6,766,175/6,987,988/7,072,675/7,010,311/7,146,180 Patents pending: 11/234.297, 11/542.804, 11/593.725, 11/141.819

FCC Rules Compliance

§15.21 Corresponding warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
§15.105 Corresponding warning:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.Technical Specifications. This is confirmed by the registration number. The abbreviation IC before the registration number means that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

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