USER'S MANUAL

✓IMPORTANT

Read this manual before attempting to setup or use this instrument. If contains important
Information regarding safe installation and use. Keep this manual for future reference.
Also save the carton, packing and proof of purchase to simplify and accelerate any needed action.

✓WARNING

To prevent fire or shock hazard, do not expose this product to rain or any type of moisture.
If accidentally dropped into water, this product should immediately by unplugged from the AC
Outlet and telephone wall jack.

**THIS SYMBOL IS INTENDED TO ALERT THE USER OF THE PRESENCE OF
IMPORTANT OPERATING AND MAINTENANCE(SERVICING)INSTRUCTIONS IN THE
OWNER'S MANUAL.**

CT-9020 (900MHz DSST WITH CALLER ID AND CALLWAITING ID) MANUAL

*This equipment has 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 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 measurements:*

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

(!) CAUTION

*Changes or modification to device not expressly approved by ISV inc. could void the user's
authority to operate this equipment. Copyright© 1998 by ISV incorporated.
All rights reserved.*

GETTING TO KNOW YOUR NEW PHONE

Your new CT-9020 telephone gives you the ultimate in cordless telephone sound quality with the luxury of *Caller ID* and *Call Waiting ID*. If this is your first cordless telephone, you'll soon discover that your cordless is similar

to regular telephone, except without the cord. If you've owned a cordless in the past, you'll discover that the CT-9020 telephone is the most powerful and full-functioned *Call Waiting ID* cordless telephone on the market.

Some key features are:

☐ 60 name and number *Caller ID/Call Waiting ID* memory

☐ 20 name and number programmable memory

☐ Hearing-aid compatibility

☐ High quality digital security communication

☐ Dual mode voice mail service(FSK , STUTTER)

Unlike regular telephones, your cordless does not work during power failures. Because of this restriction, we do not recommend you have only cordless telephone in your residence.

UNPACKING YOUR PHONE

In addition to this handbook, check that you have:

◆ 7 Foot Line Cord

◆ 9 Inch Line Cord for Wall Mounting

◆ Mounting Bracket

◆ D-AA600 x 3 3.6V 600mA Battery

(This might not be pre-installed in your handset)

◆ AC Adapter

LOCATING KEYS, LIGHT, AND SWITCHES

ON THE BASE

The PAGE key – is a homing system for finding the handset. If you press the PAGE key once, the handset sends a ringing cycle for 5 seconds.

IN USE light – becomes lit whenever the CT-9020 or another phone on the same telephone line is being used.
The light remains lit until the line is no longer in use

CHARGE light – comes on solid when the handset is in the base.

VOICE MAIL light – flashes slowly to alert you when you receive new messages in your Voice mail messages mail box.
MESSAGE WATING appears on the display.

ON THE HANDSET   Keys

TALK key –Turns the phone on or off so you can dial or talk.

CALLER key – Turns on your Callers log.

Dialing keys – Control manual dialing.

Scroll keys

←   →   Scrolls through your Callers log after you press the CALLER key.

REDIAL/PAUSE key- Redials your last outbound call or inserts a pause in a number when entering numbers into memory.

DELETE Key- Removes records from the Callers log or from memory dialing.

MEM key- Allows you to store frequently dialed numbers and to dial directly from the speed dialing list.

FLASH key- Allows you to switch between a call and a *Call Waiting* call.

PGM key- Allows you to program your setting up your function or to edit a name and number in memory.

Switches

VOLUME UP/DOWN KEY- Allows you to adjust the handset volume to 3 STEPS or Allows you to edit the character at Memory mode.

HEADSET Jack- Allows you to add a headset to the handset (not included, but available by order.)

SETTING UP YOUR PHONE

Now that you've checked the contents of the carton, it only takes a few steps to set up your phone.

STEP 1. CHOOSE A CENTRAL LOCATION FOR THE BASE UNIT

The base should be away from all other electronic equipment such as a personal computer, microwave, stereo ,or television. It is also a good idea to place the unit away from noisy areas,or from heat sources such as a radiator or direct sunlight.

STEP 2. PLUG IN CORDS

You can set your CT-9020 telephone on a tabletop or you can mount the phone on a wall. When on a tabletop, you can store the handset with either the keys facing downward or upward.If you decide to use the wall mount position, you can only store the handset with the keys facing downward.

To use on a tabletop or desk:

1. Take the long telephone line cord that comes with the phone and plug one end into the labeled TEL-LINE.
2. Thread the long line cord through the channel in the housing to secure the cord.
3. Take the remaining end and plug it into the wall jack.
4. Plug the adapter tip into the adapter jack. Be sure that the tip is all the way into the jack.
5. Thread the adapter cord through the channel on the left-hand side of the bracket.

To mount on a wall:

1. Locate the handset hook. It is a small square plastic piece located at the bottom of the handset receiver well.

2. Slide the handset hook up and turn it around so that the tab is the top.

3. Remove the mounting bracket from the bottom of the phone by pressing down on the two clips near the top.

4. Turn the mounting bracket around so that the larger part the wedge is set the bottom of the phone.

5. Use the same method to replace the bracket.

6. Insert the 9 inch line cord into phone jack marked TEL LINE.

7. Thread the line cord through the channel on the right-hand side of the bracket to secure the cord.

8. Plug the adapter tip into the adapter jack.
   Be sure that the tip is all the way into the jack.

9. Thread the adapter cord through the channel on the left-hand side of the bracket.

10. Insert the other end of the line cord into the wall jack.

11. Align the holes in the bracket over the wall-plate posts.

12. Slide the phone down until the phone is secure.

STEP 3. PLUG IN THE ADAPTER

Plug the adapter into an electrical outlet. Without AC power. your does not operate.

STEP 4. ADD THE BATTERY TO THE HANDSET

Use this procedure to install or to replace a "dead" battery.

(!) CAUTION

Use only nickel-cadimum(Ni-Cad)battery in the phone.

1. Press down on the battery cover and slide the battery cover down to expose the battery well.

2. Locate the battery connectors inside the battery well.
   If you are replacing a dead battery. remove the old battery by pulling firmly on the battery cords.

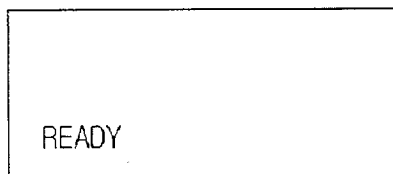3. Insert the battery plug into the connector. It is polarized and only insert in one direction.

4. Place the battery in the battery well.

5. Replace the battery door.

STEP 5. TURN THE HANDSET ON

You MUST install the battery on the handset to turn on and use your phone.

1. Open the battery cover to press and slide down.
    and then, insert the battery plug into the connector

2. You'll hear the handset's ready tones
    and the 'READY' message appears on the display.

```
┌──────────────────────────┐
│                          │
│                          │
│                          │
│  READY                   │
│                          │
└──────────────────────────┘
```

STEP 6. CHANGE THE HANDSET

Before you use the phone for the first time, you need to charge the battery
for at least 12 hours.

Place the handset in the base of the phone.
The charge light the base then come on. Whenever you need to charge your handset,
you hear four short beeps and see the 'LOW BATTERY' message.
Press TALK and listen for dial tone to test for a fully charged handset.

STEP 7. SETTING AREA CODES

Many regions are changing how customers use their area codes. In order to dial from
your call records and directory records, the CT-9020 needs to distinguish between
local and long distance numbers.

■ If your region has seven digit dialing (you don't need to dial your area code when
making a local call), enter your local area code as described in to set your local
area code below.

■ If your region requires that you always dial ten digits when making local calls, also follow the procedure under to set other local area codes.

If you are unsure on how your region works, please contact your local telephone co.
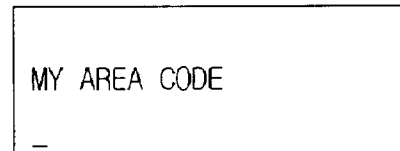
TO ENTER AN AREA CODE, use the keypad. If you make a mistake, retype the area code. You can program up to four different area codes, including your area code. You do not need to program all four different area code.

7-1 To set your local area code

If you set your area code, the CT-9020 telephone removes the area code from a call record within your own area. You need to program the code in order to dial with call records.

1. Press " PGM " key

2. Press ⟶ key.
    The my area code screen display.

```
┌─────────────────────────┐
│                         │
│  MY AREA CODE           │
│                         │
│  _                      │
└─────────────────────────┘
```

3. Press ⬇ key to enter your are a code.

    The numbers appear on the display as you press the keys.
    If you make a mistake, press "DELETE", and reenter the area code.

4. You must press "MEMO" key to save MY AREA CODE.

5. Press "PGM" to finish.
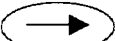
7-2 To set other local area codes

These are area codes also allow the IS-900C to distinguish between local and long-distance calls. If you live in an area where you dial ten digits for telephone numbers in other local area codes (without dialing a "1"), you can program your other local area codes in this section.

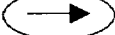After enter your area code, you can enter up to three other local area codes.

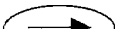1. Press "PGM" key.   Press (⟶) key to skip an MY AREA CODE.

```
┌─────────────────────────┐     ┌─────────────────────────┐
│                         │     │                         │
│ LOCAL AREA CODE 1       │     │ LOCAL AREA CODE 2       │
│                         │     │                         │
│ _                       │     │ _                       │
└─────────────────────────┘     └─────────────────────────┘
```

```
       ┌─────────────────────────┐
       │                         │
       │ LOCAL AREA CODE 3       │
       │                         │
       │ _                       │
       └─────────────────────────┘
```

2. Press (⟶) key.   The local area code1 screen display.
    Press (⟶) key again . The local area code2 screen display.
    Press (⟶) key again . The local area code3 screen display.

3. Press (↓) key to enter your area code.

    The numbers appear on the display as you press the keys.

    If you make a mistake, press "DELETE", and reenter the area code.

4. You must press "MEMO" key to save LOCAL AREA CODE 1.2.3.

5. Press "PGM" to finish.

STEP 8. SET LANGUAGE

You can choose between two different language, English or Spanish.

1. Press "PGM" key
    and then, Press (⟶) key to go on. The screen LANGUAGE appears.

```
┌─────────────────────────┐     ┌─────────────────────────┐
│                         │     │                         │
│ LANGUAGE                │     │ LANGUAGE                │
│                         │     │                         │
│ ENG                     │     │ ESP                     │
└─────────────────────────┘     └─────────────────────────┘
```
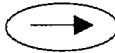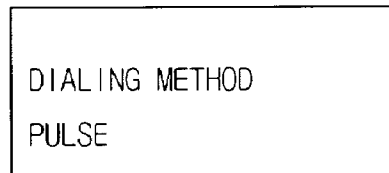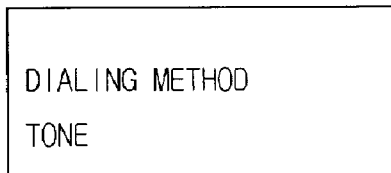
2. Use (▼) or (▲) key to find the desired language
   The language appears on the display as you press the keys.

3. You must press "MEMO" key to save language mode.

4. Press "PGM" to finish.

STEP 9. SET DIALLING MODE

The IS-900C phone can dial in either tone or pulse/rotary mode.

1. Press PGM key

2. Press ⟶ key to go on. The screen DIALING METHOD appears.

```
DIALING METHOD

TONE
```

```
DIALING METHOD

PULSE
```

3. Use (▼) or (▲) key to find the desired DIALLING MODE
   The TONE or PULSE appears on the display as you press the keys.

4. You must press "MEMO" key to save Dialing Mode.

5. Press "PGM" to finish.

STEP 10. SET VOICE MAIL

If you subscribe to voice mail service from your local telephone company,
The CT-9020 can automatically alert you whenever you have new voice mail
message in your mail box.

1. Press PGM

2. Press ⟶ key to go on. The screen VOICE MAIL appears.

<div style="border:1px solid black">

VOICE MAIL

ON

</div>

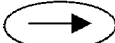<div style="border:1px solid black">

VOICE MAIL

OFF

</div>
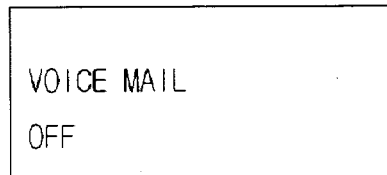
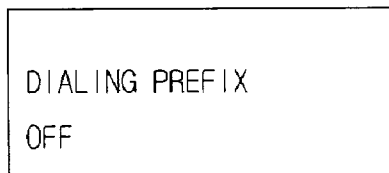3. Use ▼ or ▲ key to find the desired VOICE MAIL

   Setting this features does not subscribe or cancel VOICE MAIL service. You must contact your local telephone company to request a change in services.

4. You must press "MEM" key to save a voice mail mode.

5. Press PGM to finish.

STEP 11. SET DIALING PREFIX

If you need to dial a prefix before any telephone number, such as "9", enter this prefix in this programming option.

1. Press PGM key

2. Press ⟶ key to go on. The screen DIALING PREFIX appears.

<div style="border:1px solid black">

DIALING PREFIX

OFF

</div>

3. Use ▼ or ▲ key to find the desired prefix number (1,2,3.... 9, OFF)

4. You must press "MEM" key a Dialing Prefix mode.

5. Press "PGM" to finish.

STEP 12. Adding More units

If you subscribe to call waiting ID and this is first call waiting ID unit(the display appears as 1'ST CWID UNIT?), you must select "YES"

However, if you already have a call waiting ID unit, you must select "NO".

If you do not program this option correctly,

you might not receive call waiting ID records consistently.

1. Press PGM

2. Press ⟶ key to go on. The screen "1ST CWID UNIT?" appears.

1ST CWID UNIT ? YES	1ST CWID UNIT ? NO

3. Use ▼ or ▲ key to find the desired function.

4. You must press "MEM" key to save a mode.

5. Press PGM to finish.

STEP 13. SET RING ON or OFF

If you don't need to hear the ring sound and select RING ON or OFF

1. Press PGM key

2. Press ⟶ key to go on. The screen RING appears.

```
RING
ON
```

3. Use ▼ or ▲ key to find the desired function.

4. You must press "MEM" key to save a ring mode.

5. Press "PGM" to finish.

STEP 14. RING SOUND SELECTION

1. FLASH KEY + 1
2. FLASH KEY + 2
3. FLASH KEY + 3
4. FLASH KEY + 4

USING YOUR PHONE

You can make calls many different ways with the CT-9020.

DIALING

1. Press TALK key on the handset.

2. Use the number pad to dial the phone number.

   The phone number appears on the display as you enter the number. You also hear beeps for each digit as you dial.

3. Listen for a connection.

4. Press TALK to end your call.

REDIALING

Redial is a really fast method of calling your last number. Redial dials the last number you called whether you dialed it manually, or it was from a Call Record or the memory list. For more information on dialing from call records, See *Dialing From Call Records* on page 20.
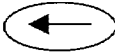
1. Press TALK

2. Press RE/PA

USING SPEED DIALING

Another short-cut for dialing is using speed dialing. First, create a speed dial list, as described in *Creating Speed Dialing List* on page 15. then:

1. Press TALK

2. Press MEM key . it displays " DIRECTORY "

DIRECTORY
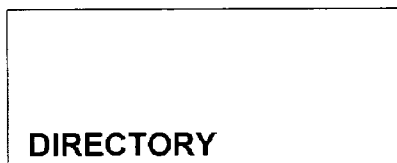
3. Press ⟶ or ⟵ key and it displays " NAME and NUMBER " in MEMEORY

4. Press TALK to dial

The phone automatically dials out whatever is shown on the display.

USING FLASH

To access your custom calling services, like Call Waiting, while you are on the telephone, press FLASH.

USING PAUSE

If you want to add a three-second pause to number in your speed dialing list, press RE/PA while creating the speed dial entry. For example, if you had a memory location dedicated to your voice mailbox, you might want add a pause in a dialing string for your PIN number. For more information about programming speed dialing numbers, see *Creating a speed Dialing List* on page 14.

FINDING CLEAR RECEPTION

Your CT-9020 automatically selects 1 of 20 channels at the beginning of the call for the best reception.

REACHING MAXIMUM RANGE

The CT-9020 handset and base communicate up to a certain maximum range. This distance can be affected by weather, power lines, or other cordless telephones.

The CT-9020 beeps whenever you are on the phone and the handset moves out of range from the base. If you do not move back within range in 20 seconds, you lose your connection.
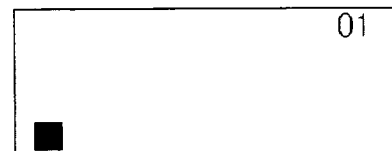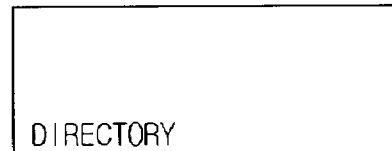
CREATING A SPEED DIALING LIST

In addition to your Call Records, you can store up to 20 speed dial names and numbers in memory. You can either enter name and number, or you can transfer a Call Record into your speed dialing list.

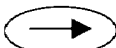### MANUAL METHOD

1. Press " MEM " KEY at the 'READY' message.
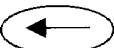
2. Press " PGM " key to edit a character and number. it displays like this.

```
┌─────────────────────┐
│                     │
│                     │
│ DIRECTORY           │
└─────────────────────┘
```

```
┌─────────────────────┐
│                  01 │
│                     │
│ ■                   │
└─────────────────────┘
```

3. Enter the name, character by character. You can have up to 15 characters in the name field.(The 2'nd Line)

   a. Locate the character on the dialing keys 2 through 9.

   b. Press once to enter the first character, twice for the second character, etc. For example, to choose a P, press PQRS7 once, but to select an S, press PQRS7 four times.

   c. Use the ──▶ or ◀── Keys to move back and forth through the name.

   Use the ▼ or ▲ keys to move up and down.

   d. Create a space between names or words, by pressing the key → key twice after the last character.

4. Enter the telephone number, area code first, using the dialing key pad. (1'st Line) If you make a mistake entering the telephone number, you must:

a. Press MEM key to leave speed dialing list.

b. Press MEM key to enter the speed dialing list again.

c. Use the ⟶ or ⟵ keys to find the record you were creating, and re-enter the telephone number.

5. Press MEM key to store the complete record. The phone gives you a confirmation tone to let you know that the record is stored.

CALLER ID METHOD

A quick way to add to your speed dial list is to copy a *Caller ID* Call Record.

At THE 'READY' screen:

1. Locate the Call Record that you want to copy using CALLER and the ⟶ or ⟵ keys.

```
+-------------------------------+
|  4:35PM   5/25   CALL05        |
|                123-456-789    |
| JOHN SMITH                    |
+-------------------------------+
```

2. Press MEM key . You now see some of the information from the Call Record and displays "saved" and displays call record again.

3. The number of the memory location automatically is entered.

```
+-------------------------------+
|                               |
|                               |
| SAVED                         |
+-------------------------------+
```

4.. Press CALLER key to clear the screen.
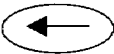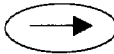
DELETING SPEED DIALING NUMBERS

You can erase unwanted speed dial numbers one-at-a-time or all at once.

1. Press MEM key to see your speed dial list.

2. Use ⬅ or ➡ key to find the memory location you want.

3. Press DELETE once, and the CT-9020 asks if you want to delete this entry.

```
┌─────────────────────────┐
│ 4:35PM   5/25   CALL05   │
│              123-456-789 │
│ DELETE?                  │
└─────────────────────────┘
```

4. Press DELETE again to delete the speed dial number.
   The CT-9020 clears the number, gives you a confirmation beep

If you do not wish to delete the number, press MEM key to cancel.

USING CALLER ID AND CALL WAITING ID

One of best features of your phone is *Caller ID*, which allows you to see information about an incoming call before you pick up the phone. With *Caller ID* service from your local telephone company, the CT-9020 telephone displays and records information about the call in a log.

Possibly even better than *Caller ID* is *Call Waiting ID*. In addition to providing normal *Caller ID* information, *Call Waiting ID* allows you to see caller information while you are on a call. Now you can have the information you need to choose whether or not to answer a waiting call.

Before you use these features on your CT-9020 telephone, you must first subscribe to the services through your local telephone company, and set "1ST CWID UNIT YES or NO" correctly during the SETTING UP YOUR PHONE procedure.
For more details on 1st CWID UNIT? , see STEP 12. Adding more unit on page 12.

RECEIVING NEW CALLS

When you receive a new call, the information is stored under CALLER area.
When you press CALLER, it tells you:

☐ How many total calls you have.

```
┌─────────────────────┐
│                     │
│                     │
│                     │
│ ALL : 05 NEW : 02   │
└─────────────────────┘
```

☐ How many new calls you have since you
last reviewed your calls.

When you receive a call, the CT-9020 displays the caller information sent by the telephone company, called a *Call Record*.
The call record consists of the following information:

☐ The caller's name(If available)
☐ The caller's telephone number
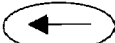☐ The time and date of the call
☐ A call record number
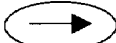
```
┌──────────────────────────────┐
│ 12:30 PM  10/30  NEWCALL 03   │
│        5 5 5 – 1 2 3 4        │
│ JOHN SMITH                    │
└──────────────────────────────┘
```

MESSAGE WAITING (VOICE MAIL) indicator
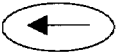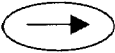
```
┌──────────────────────────────┐
│                         ✉    │
│                              │
│  MESSAGE WAITNG              │
└──────────────────────────────┘
```

VIEWING CALL RECORDS

To review a call Record:

1. Press CALLER key to see how many new calls you have.

2. Use ⭠ or ⭢ key to move though the Call Record list.
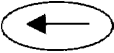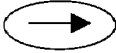
If the Call Record information is too long to be displayed on the LCD, use the FLASH key to see the remaining call information.

When you reach either end of the Call Record list, you see an 'END OF LIST' message. If you continue to press ⭠ or ⭢ key, you scroll through the list again.

```
┌──────────────────────────────┐
│                              │
│                              │
│  END   OF   LIST             │
└──────────────────────────────┘
```

DIALING FROM CALL RECORDS

You can use your Call Records as a short-cut method of dialing.

1. Press CALLER key to see your Call Records.

2. Use (←) or (→) key to find the desired Call Record.

3. Press TALK to dial.

The phone dials whatever is shown on the display.

SAVING CALL RECORDS

Your phone stores up to 60 Call Records before the memory becomes full.
When the next call comes in , the oldest record drops off and makes room for the new
Call Records. To save specific calls, delete old and unnecessary call records to keep
from filling your phone's memory.

DELETING CALL RECORDS

You can either delete a single record or you can delete all Call Records at one time.

To delete a *single* record:

1. Press CALLER   to see your Call Records.

2. Use (←) or (→) key to find the desired Call Record.

3. Press DELETE once, and the CT-9020 asks if you want to erase this Call Record.

```
4:35  PM 10 / 25  CALL  05

       123-456-7890

DELETE ?
```

4. Press DELETE   again to erase the Call Record.

The CT-9020 deletes the Call Record, gives you a confirmation beep.

If you do not wish to delete the Call Record, press CALLER   to cancel.

To delete *all* Call Records:

1. Press CALLER key. The display shows you how many call records you have.

```
ALL:05   NEW:03
```

2. Press DELETE   and the IS-900C asks if you want to delete all Call Records.

```
DELETE ALL ?
```

3. Press DELETE   again and the CT-9020 clears all Call Records,
    gives you a confirmation beep.

READING DISPLAY MESSAGES

In addition to call record information, you also receive status messages:

MEANING	SCREEN SHOWN
ALL CALLS & NEW CALLS: This message lets you know how many call records you have, and how many of those call records are new. In this example, you have 23 call records, and 3 new calls.	**ALL:23 NEW:03**
CHARGE BATTERY: Rest the handset on the base to recharge the battery.	**CHARGE BATTERY**
DELETE ALL?: You pressed the DELETE key after pressing the CALLER	**DELETE ALL ?**
END OF LIST: You have reached the end of the call records. Press either ⬅ or ➡ to see other records.	**END OF LIST**
INCOMPLETE: The message sent is incomplete data This message usually indicates temporary interference. There is no problem with the phone.	**INCOMPLETE DATA**
MESSAGE WAITING : The CT-9020 (base LED) flashes slowly to alert you and appears on the display " message waiting " When you receive new messages in your mail box.	✉ **MESSAGE WAITING**

NO CALLS: There are no call records stored in memory.

NO CALLS

NUMBER ONLY:
Either name service is not available in your area,
or you are subscribing to a number-only service.

4:35 PM 5 / 15 CALL 05
555-1234

PRIVATE: The caller has purposely chosen to block his/her phone number.

4:35 PM 5 / 15 CALL 05
PRIVATE

TALK: The handset is on and ready for you to dial.

TALK

UNAVAILABLE: The Caller ID information, such as the name, or both the name and number, might not be available from the caller's area.

4:35 PM 5 / 15 CALL 05
UNAVAILABLE

4:35 PM 5 / 15 CALL 05
555-1234
UNAVAILABLE

LONG DISTANCE and NAME FIELD DATA DISPLAY

4:35 PM 5 / 15 CALL 05
555-1234
JOHN   SMITH

↑ ↓

4:35 PM 5 / 15 CALL 05
555-1234
LONG DISTANCE

It displays NAME for 1second and LONG DISTNACE for 1 second.

TROUBLESHOOTING

Are you having trouble with your phone?

Here are some of the most common problem areas andsolutions.

SYMPTOM	CORRECTIVE ACTION
No dial tone	● Verify that the line cord is connected and secure. ● Check to see that you are not out of range to the base. ● Check that the AC adapter is plugged into the outlet. ● Check that the handset is fully charged. ● Check to see that the Ni-Cad Battery is connected inside the battery compartment.
Phone doesn't ring	● Verify that the LINE CORD and AC adapter are plugged in correctly. ● Determine if you have too many communication devices hooked to a single - line. A communication device can be a phone, modem, or facsimile(FAX) machine. Contact your local phone company business office for help calculating the limit for your residence or business.
The phone has Static or fades In and out	● Check to see that you are not out of range to the base. ● Check that the handset is fully charged.
Caller ID/ Call Waiting ID doesn't work properly	● Verify that the 1ST CWID UNIT? function is set correctly See *Step 12. Adding more units* on page 12. ● Verify that Caller ID service is active. Call your local phone company's Business Office to ensure that your services are active.
Charge Light does Not work	● Check the adapter. Be sure that the adapter is not damaged and that it is securely plugged into controlled by a wall switch or a power strip.
Phone does not dial out correctly when using call records	You might not have programmed your area code correctly. Please see *Step 7. Set your Area Code* on page 9.

SYMPTOM	CORRECTIVE ACTION

NO DATA

- ● Check your service. Call your local phone company to ensure that you have *Caller ID* or *Call Waiting ID* service.
- ● Check the answering machine.
  Ensure that your answering machine is set to answer after two rings.
- ● Ensure you answer the call after two ring.
- ● Check your local phone company's Service Department
  If the problem continues for more than 24 hours.
  Your your local phone company central office may be temporarily experiencing an overload.

INCOMPLETE DATA Call information was distorted before reaching the unit.

Normal static on the telephone line can cause a line error and an INCOMPLETE message. If this condition persists, check with your local phone company to ensure that there is not a problem with your phone line.

Handset does not Charge.

- ● Check that the AC adapter is plugged in and operating correctly.

- ● Replace the battery as described in *Step 4.*
  Add the Battery to the Handset on page 8.

IS-900C   CHECK   LIST

900MHz DSST CALLER ID CORDLESS PHONE

MODEL : IS-900C

USA VERSION

RF TEST

TEST ITEM		TEST COND.	SPEC & UNIT	TEST RF MODULE							
				H 1 B	H 2 B			H 3 B	H 4 B	RE	
VCO VOLTAGE		1 CH	2.5 V >	2.19	2.07	2.07	2.19				
		20CH	1.7 V <	1.89	1.74	1.82	1.89				
TX POWER (RBW 3MHz VBW 1MHz SPAN 500MHz)	00	1 CH	10 dBm <	13	12	13	12.3				
		10 CH	10 dBm <	12.6	12	13	12.5				
		20 CH	10 dBm <	11.9	11	12.4	11.3				
	01	10 CH	1 dBm <	5.4	2	5.3	3				
	10	10 CH	-8 dBm <	-3.7	-7	-3.5	-6.5				
PEAK POWER (R/VBW AUTO, SPAN 2MHz)		10 CH	1 dBm <	1.5	1.2	1.6	1.8				
RX OUTPUT LEVEL (I & Q SIGNAL)	I	- 70 dBm HIGH GAIN	170±20mV	170	160	175	160				
	Q		170±20mV	170	160	175	160				
	I	- 45 dBm LOW GAIN	170±20mV	170	160	175	160				
	Q		170±20mV	170	160	175	160				
PHASE (I&Q SIGNAL) DIFFERENCE LEVEL		Fo + 250KHz - 70 dBm	90 ± 5°	90°	90°	90°	90°				
AMPLITUDE (I&Q SIGNAL) DIFFERENCE VALUE		Fo + 250KHz - 70 dBm	± 10 mV	0	0	0	0				
SENSITIVITY (I&Q SIGNAL) - 3dBm POINT		HIGH GAIN	- 100dBm >	-102	-103	-101	-103				
		LOW GAIN	- 80 dBm >	-82	-81	-81	-82				
AGC RANGE (I&Q SIGNAL) HIGH GAIN		- 95 dBm	1.5 V <	1.55	1.54	1.54	1.53				
		-50 dBm	1.8 V ± 0.1	1.84	1.84	1.76	1.84				
		-45 dBm	2.0 V >	1.88	1.88	1.8	1.88				