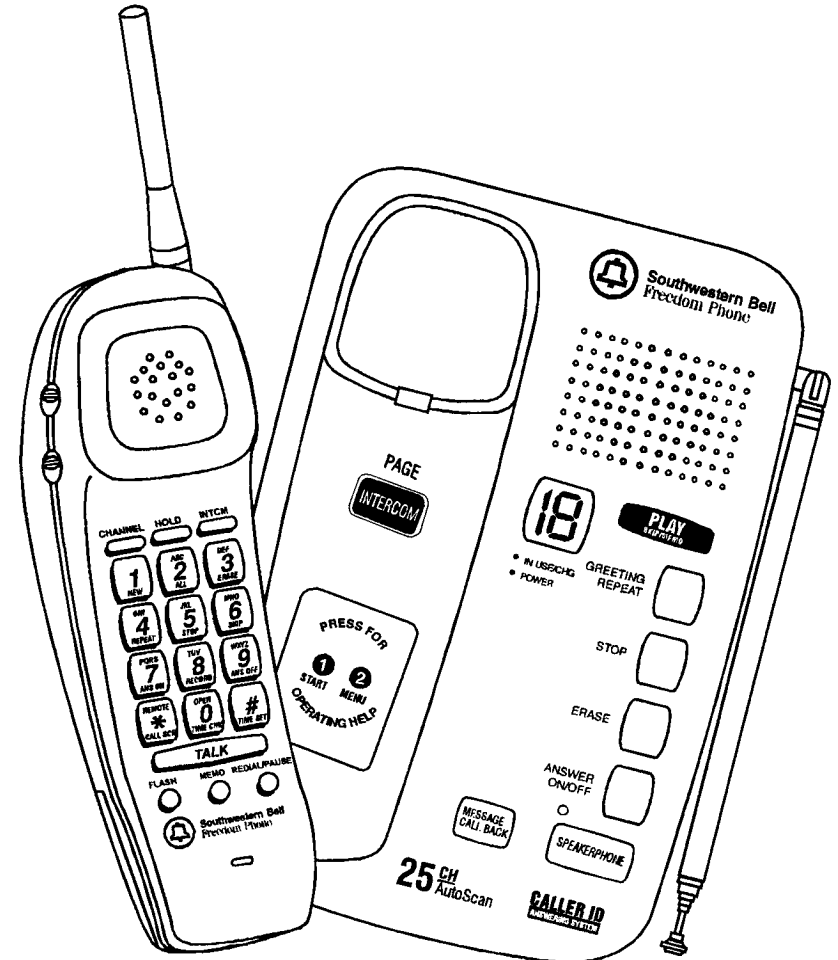**Southwestern Bell**
Freedom Phone®

25-Channel Cordless Telephone with Call Waiting Caller ID and Digital Answering System

STOP - DON'T TAKE ME BACK TO THE STORE.
LOOK - FOR THE TOLL-FREE "HELP" TELEPHONE NUMBER.
LISTEN - AS THE EXPERTS TALK YOU THROUGH THE PROBLEM.

For immediate answers to your questions regarding operation, missing parts or installation, call:

Southwestern Bell Freedom Phone®
Retail Sales Help Line at

1-800-366-0937

Monday - Friday 8:30 a.m. - 9:00 p.m. EST
Saturday 8:30 a.m. - 12:30 p.m. EST

http: // www. swbfreedomphone. com

SOUTHWESTERN BELL FREEDOM PHONE
7475 N. GLEN HARBOR BLVD., GLENDALE, AZ 85307

FF688   IB-3004   Printed in China

FF688 OWNER'S MANUAL
Se Incluyen Instrucciones en Español
Toll Free Helpline 1-800-366-0937
http://www.swbfreedomphone.com

PLEASE READ IMPORTANT SAFETY INSTRUCTIONS BEFORE USE.

Congratulations!

You have purchased a 25-Channel Cordless Telephone with Call Waiting Caller ID and an All Digital Answering System that has been manufactured to the highest standards of **SOUTHWESTERN BELL FREEDOM PHONE**® Retail Sales. Its"DIGICLEAR PLUS™ " circuitry combines noise filtering with state of the art technology that reduces background noise from your telephone conversations. Special compander circuitry compresses, then expands, the transmitted signal to enhance clean, clear audio.

BEFORE INSTALLING AND OPERATING THIS TELEPHONE, IT IS VERY IMPORTANT THAT YOU READ THIS OWNER'S MANUAL.

The FF688 has been specially designed to be as easy to use as possible:
- One of a kind VOICE HELP GUIDE* provides answers to the most frequently asked questions at a touch of a button.

* Patent Pending

- User friendly VOICE MENU walks you step-by-step through set-up, operation, and remote access.

IMPORTANT SAFETY INSTRUCTIONS

BEFORE USING YOUR TELEPHONE EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND INJURY TO PERSONS, INCLUDING THE FOLLOWING:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall telephone jack and power outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water: for example, near a bathtub, wash bowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.
5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage.
6. Slots or openings in the cabinet and the back and bottom are provided for ventilation, to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, or other similar surface. This product should never be placed near or over a radiator or heat register.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not place this product where the cord will be damaged by persons stepping on it.
9. Do not overload wall outlets and extension cords, as this can result in fire or electric 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. This could result in 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. Instead, when service or repair work is required, take it to a qualified service technician. 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 refer servicing to qualified service personnel under the following conditions:
   a. When the power supply cord or plug 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 and proper operating instructions have been followed, 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 work by a qualified technician to restore the product to normal operation.
   e. If the product has been dropped or the cabinet has been damaged.
   f. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.

Safety Instructions for Batteries

Handset Battery Pack

CAUTION:

Use only a Southwestern Bell Freedom Phone® approved battery pack in the handset of your FF688 Cordless Telephone. To reduce the risk of fire or injury, always do the following when replacing, discarding or charging batteries. When handling the batteries, be careful not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conducting material may overheat and cause burns.

CONTAINS NICKEL CADMIUM BATTERY. MUST BE RECYCLED OR DISPOSED OF PROPERLY. DO NOT DISPOSE OF IN MUNICIPAL WASTE.

a. Use only the following type and size batteries in the cordless phone: Self-contained 3-cell Nickel-Cadmium rechargeable battery supply, GP30 AAK 3BMX 300mAHr 3.6V GPI International Ltd.

b. Do not dispose of the battery pack in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

c. Do not attempt to open or mutilate the battery pack. The chemicals are dangerous and may cause damage to the eyes or skin, and may be toxic if swallowed.

d. Follow the charge instructions outlined in this manual. (See page 13)

The RBRC™ Seal on the nickel-cadmium (Ni-Cd) battery indicates that Southwestern Bell Freedom Phone® Retail Sales is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service within the United States. The RBRC™ program provides a convenient alternative to placing spent nickel-cadmium batteries into the trash or municipal waste stream, which is illegal in some areas.

Southwestern Bell Freedom Phone® Retail Sales' payments to RBRC™ makes it easy for you to drop off the spent battery (or battery pack) at local retailers of replacement nickel-cadmium batteries. You may also contact your local recycling center for information on where to return the spent battery (or call the toll-free RBRC™ information line at 1-800-8BATTERY). Our involvement in this program is part of our commitment in protecting the environment and conserving natural resources.

RBRC™ is a trademark of the Rechargeable Battery Recycling Corporation.

Save These Instructions

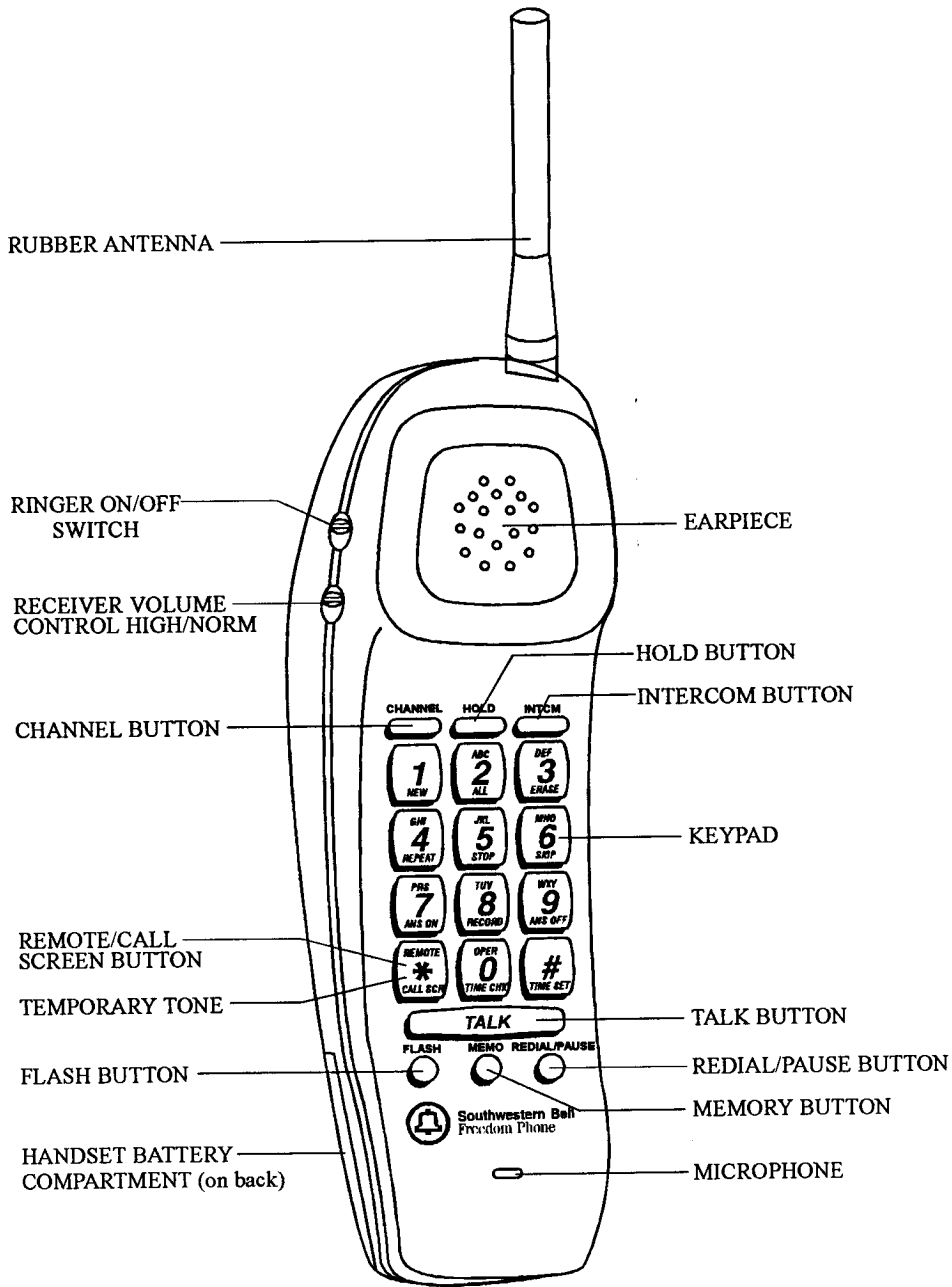# Southwestern Bell Freedom Phone FF688 Cordless Telephone

Contents

Handset Diagram

HANDSET CONTROLS: The diagram below shows the controls of the FF688 Handset. See page 25 for description of handset remote features.

RUBBER ANTENNA

RINGER ON/OFF SWITCH

RECEIVER VOLUME CONTROL HIGH/NORM

CHANNEL BUTTON

REMOTE/CALL SCREEN BUTTON

TEMPORARY TONE

FLASH BUTTON

HANDSET BATTERY COMPARTMENT (on back)

EARPIECE

HOLD BUTTON

INTERCOM BUTTON

KEYPAD

TALK BUTTON

REDIAL/PAUSE BUTTON

MEMORY BUTTON

MICROPHONE

CHANNEL HOLD INTCM

TALK

FLASH MEMO REDIAL/PAUSE

Southwestern Bell
Freedom Phone

6

Handset Diagram

Caller ID

call waiting

NEW CALL LED

LCD DISPLAY

REDIAL BUTTON

ERASE BUTTON

REVIEW BUTTON

Redial   Erase   Review

7

Base Diagram

BASE CONTROLS: This diagram shows the controls of the FF688 Base.

HANDSET GUIDE

Southwestern Bell
Freedom Phone

PAGE/INTERCOM

MESSAGE
COUNTER

IN USE/CHARGE
LED

POWER LED

PLAY
SKIP/MEMO

PLAY/SKIP/MEMO

PAGE

INTERCOM

O IN USE/CHG   GREETING/
O POWER   REPEAT

GREETING/REPEAT

STOP

STOP

PRESS FOR

1 2
START MENU

OPERATING HELP

ERASE

ERASE

ANSWER
ON/OFF

ANSWER
ON/OFF

MESSAGE
CALL BACK

SPEAKERPHONE

SPEAKERPHONE

25 CH
AutoScan

CALLER ID
ANSWERING SYSTEM

VOICE HELP
GUIDE
BUTTONS "1& 2"
*"PATENT PENDING"

Base Diagram

REAR VIEW

POWER JACK   PHONE JACK   RINGER ON/
OFF SWITCH

AC9V 300mA   Ringer On/Off

Use Only With Class 2 Power Source AC9V 300mA

SIDE VIEW

SPEAKERPHONE/ANSWERING
MACHINE VOLUME SWITCH

RING SELECT
(2,4,TS) SWITCH   TONE/PULSE
SWITCH   BASE ANTENNA

VOLUME   RINGS   TONE/PULSE
LOW   HIGH   2   4   TS

Traits of Cordless Telephones

A. Cordless telephones offer convenience and mobility during telephone conversations. The use of cordless telephones is dependent upon the availability of AC power. Any disruption of electrical power at your location will prevent the placing or receiving of telephone calls. It is recommended that a cordless telephone should not be installed as the only phone at your location.
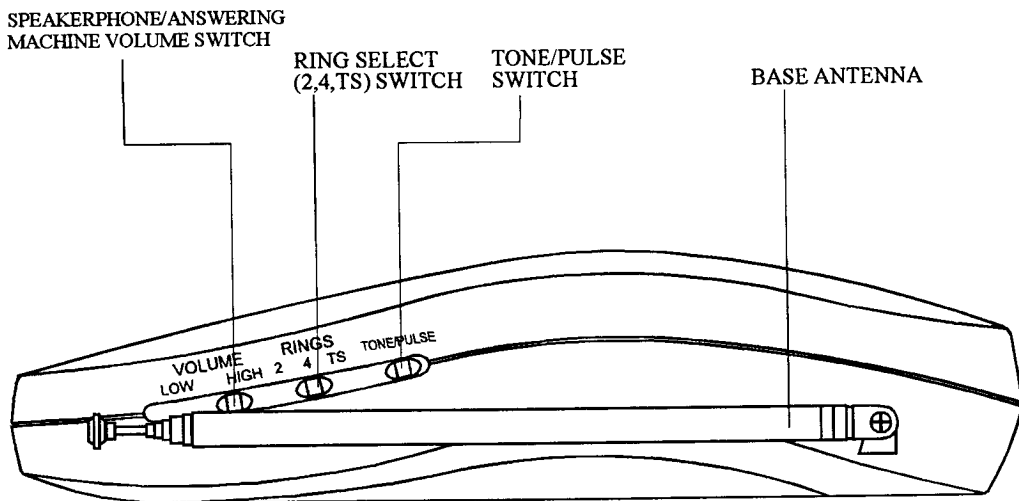
B. The usable range of the cordless handset away from the base is dependent upon many factors. The telephone base is like a radio transmitter in that it transmits telephone line signals via radio waves to the handset. Therefore, the location of the base is important in order to maximize the usable range. For example, installing the base on the second floor, in some locations, will provide longer range than a ground floor installation. Pick a location that gives you the clearest signal. The following can adversely affect usable range:

- aluminum siding
- insulation with foil backing
- any metal construction which could shield radio signals.

Atmospheric conditions also play an important role in the performance of your cordless telephone.

Interference can be caused by placing the base near:
- fluorescent lights
- appliances that generate electrical noise, including:
  - microwaves
  - televisions
  - VCR's
  - baby monitors
  - computers

C. Always keep the base antenna fully upright.

D. For maximum performance, always keep the battery pack fully charged.

E. Plug your phone directly into an outlet, not an extension cord.

F. Do not plug other appliances into the outlet or have the outlet controlled by a wall switch.

G. If you want to use more than one cordless telephone in your home, the telephones must operate on different channels. Press the channel key to select a channel that provides the clearest communication.

Installation

> For your reference, keep a record of the serial number printed on the Model Label on the bottom of the base:
> SERIAL NO._____

Box Contents
Before installing your phone, check the shipping carton to be sure you have the following:
- Base Unit
- Long Telephone Line Cord
- Short Telephone Line Cord
- Handset with Rechargeable Battery
- Quick Installation Guide
- AC Adaptor with Cord
- Owner's Manual
- Quick Reference Guide
- Handset Antenna
- Remote Access Card

Notes:
a. Keep the shipping carton and packaging, in case you need to transport your phone.
b. If there is visible damage, do not use this equipment. Contact your shipping agent or return the telephone to the place of purchase.

Preliminary Preparation
Telephone Line Installation
1. Never install telephone jack during a lightning storm.
2. Never install telephone jack in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

Modular Outlet
The FF688 Cordless Telephone operates from a standard 110/120 volt outlet. The handset is powered by a rechargeable battery pack. Batteries are charged automatically when the handset is placed in the cradle of the base unit.

Battery Backup
One 9 volt battery (not included) is required to maintain your personalized Greeting and recorded messages during power failure. If there is a power failure and the battery is not installed, both your personalized Greeting and recorded messages will be lost.

1. Make sure AC adaptor is unplugged from electrical outlet.
2. Using a small Philips type screwdriver, remove the screw located in the battery compartment on the bottom of the base and lift the battery compartment door.
3. Install one 9 volt battery.
4. Replace battery compartment door screw.
5. Install a replacement battery once a year to ensure proper operation of the power failure protection feature. Your Power LED will flash rapidly until a 9 Volt battery is installed. Your unit is fully functional. Battery is needed for power failure back up ONLY.
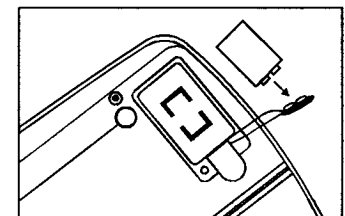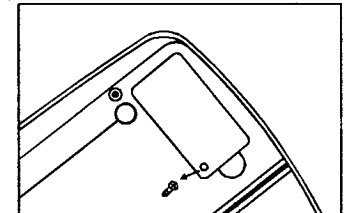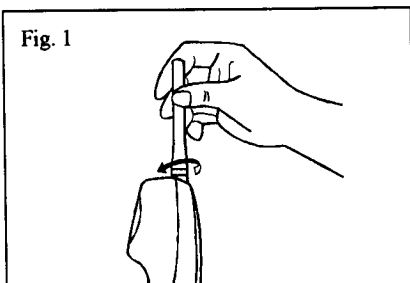
Installation (Cont.)

Handset Antenna Installation
Carefully slide the flexible handset antenna into the antenna hole and turn clockwise until it locks in place (Fig. 1).

Fig. 1

Table/Desk Installation
A. Plug one end of the long telephone line cord into the back of the unit and connect the other end to a modular wall jack. Press until locking lever clicks (Fig. 2)

B. Connect the AC Adaptor into the back of the unit. Plug the other end into a standard 110/120 volt outlet (Fig. 2)

C. The Message Counter will then countdown from 9 to 0 if 9 volt battery is not installed. The unit is checking its memory, and you should not press any buttons.

D. When you plug in your unit for the first time if 9 volt battery is not installed, it will take approximately 14 seconds for the unit to check its memory (It will announce "Wait For Operation"). When the memory check is complete, your system will announce "Unit Ready" and will reset to answer incoming calls. It will answer incoming calls with a prerecorded greeting; "Hello. We are not available now; please leave your name and number after the beep." To record a personalized greeting refer to page 21.

E. Fully extend the base antenna.

F. Place the handset into the base. The base will beep, and the IN USE/CHARGE LED.

NOTE: BATTERY PACK MUST BE CHARGED FOR 10-14 HOURS BEFORE INITIAL OPERATION.

Wall Mounting
THE FF688 CAN BE MOUNTED ON A STANDARD WALL PHONE PLATE. IF ONE IS NOT AVAILABLE, IT CAN ALSO BE MOUNTED ON TWO SCREWS (NOT INCLUDED), INSTALLED 3-1/4 " VERTICALLY APART IN THE WALL. LEAVE 3/16" OF EACH SCREW EXPOSED FOR MOUNTING THE UNIT.

A. Place one end of the short 8 inch telephone line cord into the modular jack marked TEL LINE located at the back of the base. (Fig. 2)

Fig. 2

AC adaptor
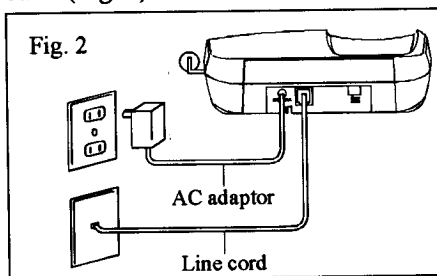
Line cord

B. Place the other end of the short line cord into the recessed area in the bottom of the base, and plug into the telephone wall jack.

C. Position the wall mount slots on the bottom of the base over the two studs on the wall plate. Pull down and lock into place (Fig. 3).

Fig. 3

Wall
mount
studs
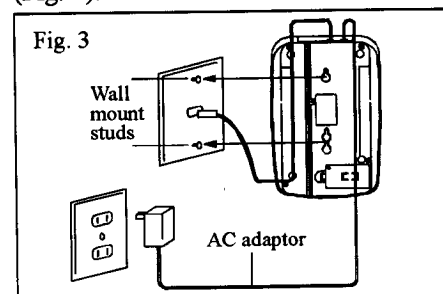
AC adaptor

Installation (Cont.)

D. Connect the AC adaptor into the back of the unit and plug the other end to the 110/120 volt outlet.

E. The Messages Counter will then countdown from 9 to 0 if 9 volt battery is not installed. The unit is checking its memory, and you should not press any buttons.

F. When you plug in your unit for the first time if 9 volt battery is not installed, it will take approximately 14 seconds for the unit to check its memory. (It will announce "Wait For Operation"). When the memory check is complete, your system will announce "Unit Ready" and will reset to answer incoming calls. It will answer incoming calls with a prerecorded greeting "Hello, we are not available now; please leave your name and number after the beep." To record a personalized greeting, refer to page 21.

G. Fully extend the base antenna.

H. Place the handset into the base. Make sure that the handset guide (on the base) fits securely into the slot underneath the handset earpiece. The base will beep, and the IN USE/CHARGE LED.
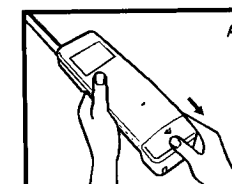
Handset Battery Charging
The battery pack in the handset must be fully charged for about 10-14 hours before using the telephone. The Answering Machine may be used prior to the handset being fully charged. An extension telephone will be required until the handset is charged.

After connecting the unit to AC power, leave the handset in the base cradle for ten to fourteen hours before first using it. Later, it will take less time for the battery to recharge. The IN USE/CHARGE LED on the base will be lit when the handset is in

Note:
a. When the battery gets low, there will be a low-battery beep every 7 seconds from the handset.The LCD will display "BATTERY LOW" on the bottom line.
b. If the battery becomes low while you are on a call, you will be disconnected after about 1 minute. Terminate the call quickly and put the handset in the base to recharge the battery.
c. The battery will hold its charge for several days out of the cradle, depending on use.
d. The handset must be fully charged before attempting to access remote answering machine features from the handset.

To Replace Batteries:
1. Remove battery cover.
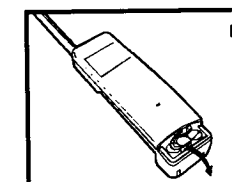
2. Remove old battery.

3. Install new battery.

4. Close battery cover. Charge 10-14 hours before first use.

Installation (Cont.)

Note : To maximze your battery's life, we recommend that you periodically fully drain the battery and then recharge it. To do this, unplug your phone line cord from your wall phone jack. Press the TALK key and allow the handset to remain on for 10 to 12 hours. Return the handset to the base and allow to fully charge for 12 hours. If this process is completely monthly, it will reduce the memory build-up that occurs from frequent partial charging.

Caller ID Setup
To Set Language

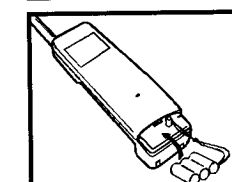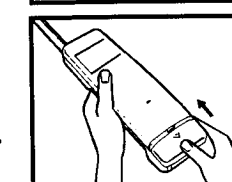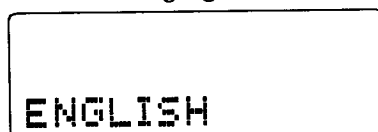1. After installing the FULLY CHARGED handset battery, all LCD segments will light up and then the display will show "SET LANGUAGE".

```
SET LANGUAGE
```

2. Press the REVIEW "▲" or "▼" Button to select correct language.

```
ENGLISH
```

3. Press the ERASE key to confirm the displayed language. The unit will beep once and will begin to set area code.

To Set Area Code

1. Press "▲" or "▼" Button to enter the correct first digit of your local area code. Press the "ERASE" Button to move to the next digit.

2. Repeat step 1 for the programming of the second and third digits of your local area code.

```
        203
AREA CODE ?
```
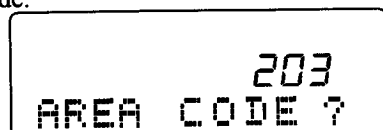
3. Press the "ERASE" Button again to confirm the displayed local area code. The unit will beep once and will begin to set the contrast.

To Set Contrast

1. Press the "▲" or "▼" Button to adjust the display contrast to the desired level (darker or lighter).

```
CONTRAST ▲ ▼
```

2. Press the "ERASE" Button to confirm the displayed contrast level. The unit will show the default Time/Date (12:00 a.m. 1/01).The time and date will be automatically updated as incoming Caller ID calls are received.

```
     12:00 ≈ 1/01
```
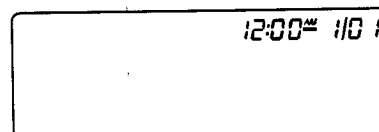
Note:
1. The Caller ID setup procedure will not begin until the handset has been fully charged for 10-14 hours.
2. To set up your FF688 again, press the Caller ID "REDIAL" Button for 2 seconds in Date/Time screen.
3. Your FF688 will always stay in setup mode, until you complete these above language, area code, and contrast setup steps. However, it will still record the Caller ID information and voice message messages.
4. If you delay more than 20 seconds in between any of the above steps, the unit will revert to the beginning of the setup procedure.
5. To adjust the LCD display contrast mode while in the standby or review mode, press and hold the "▲" and "▼" Button at the same time for 2 seconds.

Telephone Operation

Tone/Pulse Switch

The FF688 will operate on tone or rotary systems.

1. If your house is wired for rotary service, move the Tone/Pulse (T/P) switch to the Pulse position (P).

2. If your house is wired for Touch Tone service, move the T/P switch to the Tone position (T).

3. If you are not certain of the type of dialing service you have, set the switch to Tone (T). On the handset, press the TALK button and then any digit on the keypad. If the dial tone persists, switch to Pulse (P). To disconnect, press TALK again, or set the handset in the cradle.

Tone/Pulse Switch
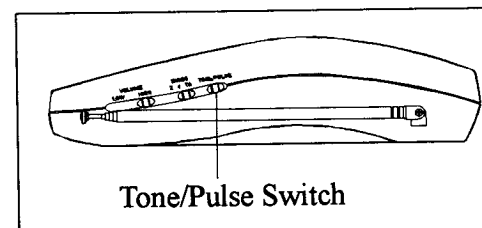
Digital Security System
Your FF688 Cordless Telephone is equipped with a digital security coding system to protect your base unit from being accessed by other cordless telephones.
The code allows your base and handset to recognize each other so that other cordless phones will not make calls on your line.
If the AC adaptor is disconnected or a loss of power occurs while the handset is away from the base unit, the security code will be lost and the phone will be inoperable. If this occurs, reconnect the AC adaptor and return the handset to the base unit so that the security code is reset. The base will beep to confirm that the security code has been reset.

When the handset is not in the base, only a handset having the identical security code and operating on the same channel can access the base and use your phone line. When the handset is in the base, no other handset, even those having the identical security code and operating on the same channel can access the base and use your line.
Digital security coding will also eliminate the "false" ringing associated with cordless telephones not equipped with this feature.

25 Channel Operation
Your cordless telephone has 25 operating channels. The phone will automatically search and select the clearest channel when you pick up the handset and press the TALK button. If you hear noise or other interference during your conversation, you can manually select a clearer channel by pressing and releasing the channel control on the handset to switch to another spare channel. Your call will not be interrupted.
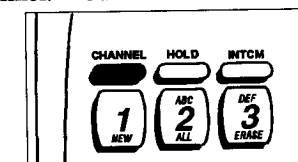
Note:
You must be in usable range to change channels. When you are close to being out of range, you may lose the call. If this occurs, place the handset back into the base for ten seconds to reset the security code and then make the call again.

Making a Call
1. Make sure the base antenna is fully upright.

2. Lift the handset and press the TALK button on the handset to be connected to the phone line. The TALK button on the handset and the IN USE/CHARGE LED.
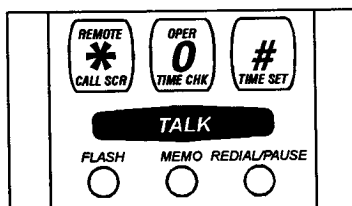
3. After hearing a dial tone, dial the desired number.

4. If you misdial, simply press the TALK button, wait for a couple seconds, and press the TALK button again for a new dial tone.

5. After your conversation is completed, press the TALK button once to disconnect the line, or return the handset to the base. The TALK button and the IN USE LED will turn off.

Receiving a Call

When the Phone rings
1. IF THE HANDSET IS OUT OF THE CRADLE, press the TALK button on the handset.
2. IF THE HANDSET IS IN THE CRADLE, lift the handset. DO NOT press the TALK button, as you will be connected automatically
3. You can speak through the microphone on the base unit,without lifting the handset. Press the SPEAKERPHONE button to enter the speakerphone mode.

Note:

If in speakerphone Mode, simply press SPEAKERPHONE Button to terminate a call.

If you experience difficulty with placing or receiving calls, the security code may be the cause of the problem. When this occurs, the handset can no longer communicate with its base. The loss of the code can occur any of the following ways: the battery is drained and needs recharging; the AC adaptor is disconnected or a power loss has occurred;

or anything that causes electrical interference, for example, multiple cordless telephones, baby monitors, televisions, VCR's etc. Reset the security code by placing the handset on the base for 10 seconds. The unit will beep, and the IN USE LED will flash one time. After the IN USE LED flashes, you can make the call. If that does not work, make sure the AC adaptor is connected. If necessary, unplug the AC adaptor from the power source. Disconnect the battery for 5 seconds and then reconnect. Place the handset on the base and then replug the AC adaptor (see Troubleshooting).

Out of Range
If you try to place a call when you are too far away from the base you will hear an out of range beep every 2 seconds. Move closer to the base and try again. If you are engaged in a call and move out of range, you will hear a series of two quick beeps for 16 seconds. Move closer to the base, as you will be disconnected after the 16 seconds. If disconnected, reset the security code by placing the handset on the cradle for 10 seconds and try again.

Memory Feature
Your FF688 is equipped with 10 memories for programming your most frequently

dialed telephone numbers. You can store up to 16 digits in each of the memory locations 0 through 9 by following the steps outlined. A record of the numbers to be speed-dialed may be kept on the speed dialing numbers index on page 39.

To Program Frequently Called Numbers
1. Pick up the handset. Do Not Press TALK button.
2. Press the MEMORY (MEMO) button. The TALK LED on handset will blink.
3. Dial phone number (up to 16 digits).
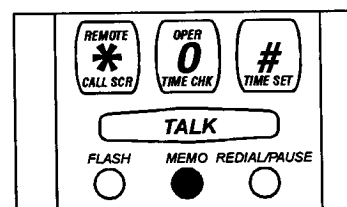
If you accidentally press a 17th digit, or if you pause more than 20 seconds in programming, three error tones will sound, and you must reprogram the number.

4. Press the MEMORY (MEMO) button again.

5. On the keypad press the memory location 0 through 9 where you wish to store the phone number. You will hear a long beep to confirm the number has been successfully stored in memory.The TALK LED will turn off.

6. To store numbers in other locations, start at step 2 again.

To Retrieve Stored Numbers

1. Pick up the handset.

2. Press TALK, then the MEMORY (MEMO) button.

3. Press the desired memory location (0 through 9). The number you programmed will be automatically dialed.

To Change a Stored Number
You may reprogram any memory location by following the same steps:
1. Pick up the handset.
2. Press the MEMORY (MEMO) button.
3. Dial the new phone number.
4. Press the MEMORY (MEMO) button again.
5. Press the memory location 0-9 where you wish to store the new phone number. You will hear a long beep confirming the new number has been stored.

Redial
Your FF688 remembers the last number (up to 32 digits) dialed. This is a convenient feature when trying to place a call through to a phone number that is not being answered or is continuously busy.
1. Press the TALK button on the handset.
2. When you hear a dial tone, press the REDIAL button. The number will be dialed, based on the setting of the Tone(T)/Pulse(P) switch.
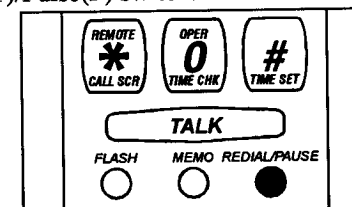
Flash
You can use your cordless telephone with special services such as Call Waiting or Three Way Calling (Special subscription from your local telephone company is required). During a telephone conversation, you may hear a tone or click, which indicates that you are receiving another call. To speak to the second caller and put the first call on Hold, press the FLASH button. Press FLASH again to return to the original call. You may also press the FLASH key to obtain a new dial tone.
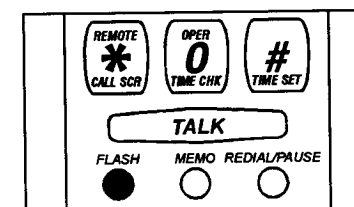
Temporary Tone Feature

In pulse dialing mode, you can access bank facilities, telephone answering machines, etc., by pressing the TONE (*) key. This will get you into the tone mode and will allow you to input the required tone codes.

Telephone Operation (Cont.)

It will reset automatically to pulse dialing after you end your call.
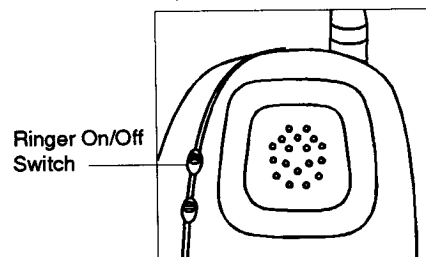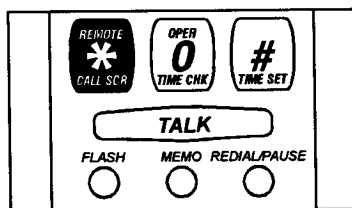
Receiver Volume Control
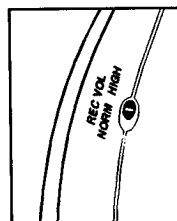
Your FF688 allows you to adjust the handset volume to a more comfortable listening level. Slide the RECEIVER VOLUME control on the side of the handset to either HIGH or NORMAL.

Speakerphone Volume Control

While in the Speakerphone mode, slide the SPEAKER VOLUME control on the side of the base to the desired listening level. This also controls the answering machine volume level.

Ringer Control

If you do not want the unit to ring, set the RINGER switches on the back side of the base and the side of the handset to "OFF". The handset and base will no longer ring when a call comes in. Even when set to Ringer Off, the base IN USE/CHARGE LED and the TALK button will flash during an incoming call.

Ringer On/Off Switch

Page/Handset Locator

You can send a page signal from the base to the handset.

Press the PAGE button on the base. The base will beep 3 times, and then the handset will beep for about 60 seconds. Press the TALK button on the handset to stop paging.
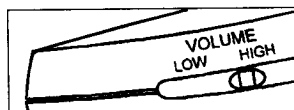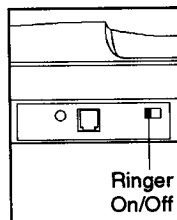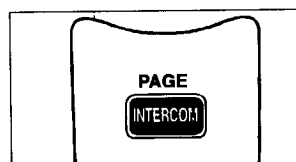
Intercom

The intercom feature allows the users of the handset and base to communicate with each other.

From the handset

Press the INTCM button on the handset. Both base and handset will beep 3 times, alerting the base user that you want to speak with him. The unit is automatically in the intercom mode. The handset and base users can now begin speaking with each other.
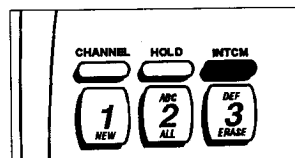
Telephone Operation (Cont.)

From the base

Press the PAGE/INTERCOM button on the base. The base will beep three times. Then the handset will beep, and the TALK button will flash, alerting the handset user that you want to speak with him. To speak with you, the handset user should press any key on the handset (except TALK). To exit the intercom mode, press the SPEAKERPHONE button on the base,or press the TALK button on the handset, or just put the handset on the cradle.
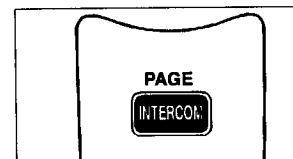
Note:

If you are in the intercom mode during an incoming call, you will hear the phone ring, and then you will be disconnected from the intercom mode. Press the handset TALK or base SPEAKERPHONE button to speak with the caller.

Line Transfer

During a call, you can transfer the call from the base to the handset or from the handset to the base.

From base to handset

When the handset is in the cradle:

The handset user simply pick up the handset to transfer the call to the handset, and can now begin speaking with the caller.

When handset is out of cradle:

1. The base user press the PAGE button on the base to put the call on hold and call the handset. The base will beep 3 times. Then the handset will beep, and the TALK button will flash, alerting the handset user that you want to speak with him.

2. To speak with you, the handset user should press any key on the handset (except TALK). If the handset user does not respond within 1 minute, the call will automatically begin again through the speakerphone.

3. Press the TALK button to transfer the call to the handset. The handset user can now speaker with the outside caller.

4. If the handset user does not want to speak with the outside caller, press the SPEAKERPHONE button. The base user can continue the conversation with the outside caller.
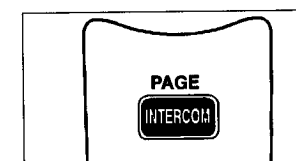
From handset to base
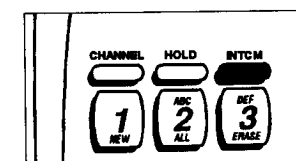
1. Press the INTCM button on the handset to put the caller on hold. The base and handset will 3 times, alerting the base user that you want to speak with him.

2. The unit is automatically in the intercom mode. The handset and base users can now begin speaking with each other.

3. Press the SPEAKERPHONE button to transfer the call to the base. The base user can now speak with the outside caller.

4. If the base user does not want to speak with the outside caller, press the TALK button on the handset. The handset user can now continue the conversation with the outside caller.

Telephone Operation (Cont.)

Hold

1. When the handset is in the talk mode, press the HOLD button on the handset to put the caller on hold. You can speak with another person in your room, without the caller hearing you or you hearing the caller. Press the TALK button again to release the hold.
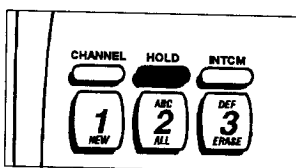
2. When in Speakerphone Mode, press the PAGE/INTERCOM button on the base to put the line on hold. Press the SPEAKERPHONE button again to release the hold.

3-Way Conference

The three-way conference feature allows the users of the handset, the base and the outside caller to communicate with each other at the same time.

When the handset is in talk mode, the base user press the SPEAKERPHONE button to enter the conversation. The users of the handset, base, and the outside caller can now begin speaking with each other.

When the base is in Speakerphone Mode, the handset user press the TALK button to enter the conversation. The users of the base, handset, and the outside caller can now begin speaking with each other.

If the users want to end the three-way conference, press the TALK button on the handset or press the SPEAKERPHONE button on the base again.

LED INDICATIONS

LED	STATUS	INDICATIONS
BASE		
IN USE/ CHARGE	OFF	-Not in use
	ON	-In TALK mode -Incoming Message recording -Battery being charged -PAGE key pressed
POWER	ON	-Unit in Answer Ready Mode -Fully powered 9 Volt battery installed -AC power connected
	OFF	-AC power disconnected -Unit in Answer Off mode
	FLASHING	-Unit in Answer Ready Mode -Low 9 volt battery
SPEAKER PHONE	ON	-In Speakerphone mode
	OFF	-Speakerphone not in use
HANDSET TALK button	ON	-In TALK mode
	OFF	-Not in use
	FLASHING	-Storing number in memory -Incoming call; telephone ringing -Low battery -Base paging handset
NEW CALL	FLASHING	-New Caller ID information in memory
	OFF	-All Caller ID information has already been reviewed.

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Answering System Operation

Voice Menu

While this owner's manual explains how to operate the FF688 answering functions, the voice menu will also walk you through all of the necessary steps: Press the PRESS FOR OPERATING HELP "2" button and the corresponding base button for which you would like to hear the operating instructions.

To Turn System ON

Press the ANSWER ON/OFF key on the base to turn on the answering system. The message counter will turn on and the unit will say "Answer On". If the clock is set, the unit will announce the current time. If the clock is not set, the unit will say "Time is not set."
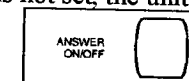
To Turn System OFF

Press again to turn unit off. The message counter will turn off and the unit will say "Answer Off."

Announce Only Mode

In the Announce Only mode, the unit will play your outgoing greeting, NOT RECORD AN INCOMING MESSAGE, and disconnect the line. Press the ANSWER ON/OFF button a third time to set to the Announce Only mode. The unit will say "Announce Only", and the message counter will display "A". This feature is useful if you want to provide information to the caller but DO NOT WANT TO RECEIVE ANY MESSAGES. If you have not recorded an outgoing greeting. When the unit is in the Announce Only mode it will answer "Hello. Our machine cannot accept messages. Please call again."

Recording Outgoing Greeting

Your system comes with a prerecorded outgoing greeting; "Hello. We are not available now, please leave your name and number after the beep". To record your own personalized outgoing greeting:
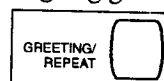
1. Press and hold down the GREETING/REPEAT button.

2. After you hear one beep, speak clearly towards the built in microphone (in the front of the base). You have a maximum of 30 seconds to record your greeting. Your recording time should not be less than 2 seconds. The message counter will not light when the unit is recording your greeting.

Sample message:

"Hello, this is_____
I can't come to the phone right now. Please leave your name and phone number after you hear the beep. You have 60 seconds to leave your message. Thank you for calling."

3. When finished, release GREETING/REPEAT button.
Note: If the unit beeps while you are recording your greeting, you have exceeded the 30 second time limit. Record a shorter greeting.

4. Unit will beep once and play back your recorded outgoing greeting and then reset to answer incoming calls.

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Answering System Operation (Cont.)

Checking Your Outgoing Greeting

1. Press and release the GREETING/REPEAT button.

> GREETING/ REPEAT

2. Your outgoing greeting will be played back to you, beep once, then reset to answer incoming calls.

3. Use the slide VOLUME Control on the side of the base to set the speaker to the desired sound level.

> VOLUME
> LOW   HIGH
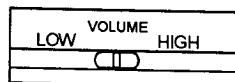
To Record a Memo

> PLAY SKIP/MEMO

1. Press and hold the PLAY/SKIP/MEMO button. The message counter will turn off.

2. After the beep, record your message (up to 60 seconds) through the microphone in the front of the base.

3. When your message is completed, release the PLAY/SKIP/MEMO button. The digital message counter will indicate a revised message count. When a MEMO is recorded, your unit considers it as a standard message and will include it in the message count.

Note:

When Memory is full during recording, the unit will announce: "Memory is full. Erase all messages".

Ring Select

You can select the number of rings in which a call will be answered. Set the Ring Select switch (on the side of the base) to 2 or 4 calls, or Toll Saver (TS).

> RINGS
> 2 4 TS

Toll Saver

Your unit has a built-in automatic toll saving feature. This feature lets you know if you have received any new messages before it answers, thus saving you on long distance costs.

How Toll Saver Works

IF YOU HAVE SET THE RING SELECT SWITCH TO TOLL SAVER (TS), when calling your unit from a remote location to check for your messages, listen to the number of rings:

1. No New Message Received

If your phone rings more than two times, you have no new messages. You can hang up on the third ring before your unit answers, and save the cost of the call.
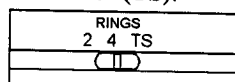
Note:

If no new messages are received, your unit will answer the call after the fifth ring.

2. NEW Messages Received

If your unit answers after only 2 rings, you have received new messages. Refer to page 25 for message retrieval instructions.

Voice Activated Recording (VOX)

Your FF688 records messages for up to 60 seconds as long as the caller speaks. To avoid unnecessary pauses due to hangups and to save message capacity, your unit will automatically stop recording after 7 seconds of silence.

Message Playback

Incoming Messages

> When the Message Counter is lit, the machine is ready to answer calls.

Note:
The machine hangs up and resets to answer the next call in the following cases: the caller hangs up, the message length exceeds 60 seconds, there are more than 7 seconds of silence or there is a steady tone (dial tone) for 7 seconds.

The FF688 can record up to 14 minutes of incoming messages. The maximum recording time for each incoming message is 60 seconds.

Message Playback

The Digital Message Counter displays the number of messages received. The number displayed indicates the number of messages received (up to 19). When the counter flashes, you have received new messages.

To Hear your Messages

> PLAY SKIP/MEMO

1. Press and release the PLAY/SKIP/MEMO button. The unit will playback the incoming or MEMO messages in the order they were received.

2. The set day and time will be heard before each message, if it has been set. (See page 27 for Time/Day setup instructions).

3. After the last incoming or MEMO message has been played back, the unit will say "No more messages. Press and hold the ERASE button to erase all messages".

Note:
If there are new messages, only the new messages will be played. Otherwise all the messages will be played.

4. Unit will reset to answer incoming calls.

To Stop Playback of Incoming Messages
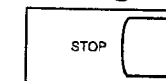
> STOP

Press and release the STOP button. Your unit will reset to answer incoming calls and will save all messages, except those marked for erase.

To Repeat the Current Message

> GREETING REPEAT

During playback, press and quickly release the GREETING/REPEAT button ONCE.

To Repeat the Previous Messages

> GREETING REPEAT

During playback, press and release the GREETING/REPEAT button TWICE.

To Skip to the Next Message

> PLAY SKIP/MEMO

During playback, press the PLAY/SKIP/MEMO button to skip to the next message.

To Erase Your Messages

MESSAGES WILL BE SAVED UNLESS YOU ERASE THEM
While playing messages, press and release the ERASE button. The unit will announce "Press ERASE button again to erase message." Press the ERASE button again within 5 sec. It will announce "Message erased" and erase that particular message. At the end of last message, press and hold ERASE button; ALL MESSAGES WILL BE ERASED.

Message Capacity Full Detection

> F

When the messsage capacity is full, the unit will answer the phone and say "Hello, our machine can't accept messages, please call again," pause 20 seconds, and then automatically disconnect the telephone line. The message counter will flash and display "F".

Message Playback (Cont.)

Call Interrupt

If the unit answers before you do, you can turn it off by picking up any extension phone or pressing TALK button on your handset. If the unit does not stop answering, press the hook switch or FLASH button for about one second and release. You may also press the STOP button on the base.

Message Call Back (*Patent Pending)

The FF688 permits immediate call back to the party that left the message on the answering machine.

[MESSAGE CALL BACK] 1. During message playback, press the MESSAGE CALL BACK button on the base. Playback of the message will pause, and the telephone number of the party that left the message will be announced.

2. After hearing the COMPLETE telephone number, press the MESSAGE CALL BACK button again. The base unit will enter the speakerphone mode, and automatically dial the announced telephone number. There are 4 Call Back options:
(refer to Caller ID Redial section for details)

A. 7 digits without a 1 prefix: Press the Call Back button once.
B. 7 digits with a 1 prefix: Press the Call Back button twice within 2 seconds.
C. 10 digits without a 1 prefix: Press the Call Back button twice within 2 seconds.
D. 10 digits with a 1 prefix: Press the Call Back button once.

Note:

If the telephone number of the caller was not received properly(i.e. Caller ID Blocked), "No Caller ID Information" will be announced.
After completing the call, the unit will continue to playback the next messages, Otherwise it will return to Answer ready mode.

Call Screening

To listen to an incoming call without picking up the phone, let your unit answer the phone when it rings. If you don't want to talk to the caller, let your unit take a message, and adjust the volume control on the side of the unit to listen. If you don't want to listen to the caller's message, lower the volume. (Refer to page 27 for call screening through the FF688 handset)

Note:
Callers will be unaware that you are screening their calls. If you want to talk to the caller, pick up an extension phone or press TALK button on your handset.

Power Failure Protection/Battery Backup

If an AC power failure occurs, or the power plug comes out of the wall, your unit will shut down until the power is restored.
When the power is restored, any messages recorded before the power failure will be saved IF YOU HAVE INSTALLED A 9 VOLT BATTERY. The message counter will indicate the number of messages received.

If your unit is not operating properly when the power is restored, proceed with a unit reset.

To Reset Unit
1. Unplug the AC adaptor from the power outlet.
2. Remove the 9 volt battery. Replace with a fresh 9 volt battery (see page 11).
3. Plug AC adaptor back into power outlet.
4. Record a new personalized outgoing greeting and reset the voice Time/Day Stamp (see page 21).
5. Remove the handset battery, wait 5 seconds, and then reinstall the handset battery. You may need to then follow the Caller ID setup procedure.

Message Playback (Cont.)

IMPORTANT

During a power outage, your unit will NOT work even if a 9 volt battery is installed. The battery will save your outgoing greeting, and any incoming messages and Caller ID information you have already received.

Tone Remote Operation

To access answering functions from an outside line, you will need to enter the two-digit security code.

To set the security code:

1. Press the "*"and then the "6" on the FF688 keypad to access the security code set operation.

2. After being instructed by the voice menu, enter your desired two-digit security code (except "*", "#"). The unit will announce the security code that you have just set.

3. If you do not hear the announcement, press the "5" button for confirmation.

Write this number on the REMOTE ACCESS CARD, which you can keep in your wallet. If you do not set a security code, the default security code is "88".

To check security code:

1. Press the "*" and then the "5" on the FF688 keypad to access the security code operation.

2. The unit will announce the currently set security code.

To turn on answering machine remotely:

If you forget to turn on your unit, call your phone number from an outside touch tone telephone. Wait 10 rings until the machine answers, hang up the telephone, and subsequent calls will be answered.

To access answering machine remotely:
1. Call your phone number from a touch tone telephone.
2. After the unit answers, enter your two digit security code during playback of the outgoing greeting.
3. If the code was entered correctly, the unit will stop playing back the outgoing greeting and will sound four beeps.
4. The voice menu will direct you to press the following buttons on your keypad:

Option	Press
Playback new messages	(1)
Playback all messages	(2)
Erase all messages	(3)
To choose other functions	(4)

If You Press 4 (To Choose Other Functions)	Press
Record new outgoing greeting	(8)
Turn off answer mode	(9)
To return to main menu	(4)

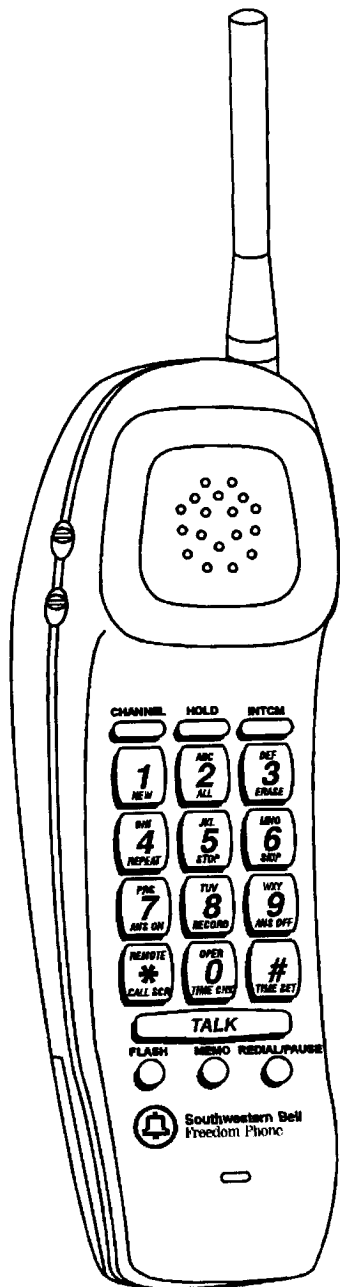| If You Press 1 or 2 (To Playback Messages)	Press
Erase current message	(3)
Repeat current message	(4)
Stop message playback	(5)
Skip to next message	(6)
Hear Caller ID information	(*)

To SAVE messages, hang up the telephone.
If You Press 4 and 8 (To Record New Outgoing Greeting)
1. The unit will say "Record greeting after the beep. Press 5 to end recording."
2. Record your new outgoing greeting (up to 30 seconds).
3. When you have finished recording your outgoing greeting, press 5. The new outgoing greeting will play back to you.

If you Press 1 or 2 and *(To Hear Caller ID Information)

Playback of the message will pause, and the telephone number of the party that left the message will be announced.

Note:

If you want to call back that caller, you must first hang up the telephone and begin a new call.

Your answering machine can be operated remotely from the FF688 handset.

Note: Your FF688 handset MUST be fully charged to access remote functions.

1. Press and release the "*" key on the handset. The unit is now in remote mode.

2. The voice menu will direct you to press the following buttons on your keypad:

Option	Press
Playback new messages	(1)
Playback all messages	(2)
Erase all messages	(3)
Turn on answer mode	(7)
Record new outgoing greeting	(8)
Turn off answer mode	(9)
Return to main menu	(4)

If You Press 1 or 2 (To Playback Messages)	Press
Erase current message	(3)
Repeat current message	(4)
Stop message playback	(5)
Skip to next message	(6)

To save the messages you have listened to, hang up the telephone.

If You Press 8 (To Record New Outgoing Greeting)

1. The unit will say "Record greeting after the beep. Press 5 to end recording."

2. Record your new outgoing greeting (up to 30 seconds).

3. When you have finished recording your outgoing greeting, press 5. The new outgoing greeting will play back to you.

4. Hang up the phone.

Time/Day Set

Note:
The unit must be set to ANSWER ON before you set the Time/Day. When setting the Time/Day Stamp, do not allow more than 20 seconds to go by in between any step. If any digits are entered incorrectly, you will hear 2 error beeps and you will need to start over.

Press "*" and then "#" on the keypad to access the Time/Day Set operation. Unit will beep once.
To set the clock, a series of 6 digits can be input to specify the day and time in the following order:

Hour, Minute, AM/PM, Day

Hour	'01' to '12'
Minute	'00' to '59'
AM/PM	0 = AM, # = PM
Day	1=Mon., 2=Tues., ...7=Sun.

For example, to set the time for Tuesday 3:32 PM

Hour	Minute	AM/PM	Day
03	32	#	2

The unit will beep once and will announce the time/day that is set. If you do not hear the announcement, press the time check key ("0" on the keypad) for confirmation.

Time/Day Check

To hear the current set Time/Day, press "*" and then "0" on the handset.

Call Screening

You may use the handset to screen your messages. When the answering machine is answering a call, press "*" and listen. Callers will be unaware that your are screening their calls. You may then press the TALK button to speak with the caller.

Note:

You cannot be paged when you are accessing the answering machine through the handset.

TO EXIT THE REMOTE OPERATION THROUGH THE HANDSET, PRESS THE "*" BUTTON ONCE.

IMPORTANT NOTICE

IF THE TELEPHONE RINGS WHILE YOU ARE RETRIEVING MESSAGES FROM THE HANDSET, YOU WILL BE DISCONNECTED FROM THE REMOTE MODE, AND THE UNIT WILL ANSWER THE CALL. AT THIS POINT, YOU MAY PRESS THE "*" KEY TO SCREEN THE CALL, OR PRESS THE TALK BUTTON TO ANSWER THE CALL.

Caller ID Operation

Receiving a Call

1. After the first ring, the caller's name and telephone number will display on the LCD. The New Call LED will flash until you review all your new calls.

```
NEW  /          12:00ᴬᴹ 1/0 1
CALL
203-555-1234
JOESMITH
```
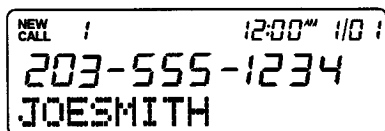
The Caller ID information of up to 64 callers will be stored in the order received. If the received call information is the same as any of the new calls, the unit will display the "RPT" icon to indicate a repeat call. If the unit receives more than 64 calls, the oldest Caller ID information will be erased.

Note:

If you answer your incoming call before the second ring, the unit will not display the call information.

Receiving Call Waiting Caller ID

When you are on an existing phone call, your FF688 will display incoming call waiting Caller ID information.

1. You will hear a beep and the telephone will be muted momentarily while the LCD display shows the Caller ID information of the second caller.

```
NEW  /          12:00ᴬᴹ 1/0 1
CALL
203-555-1234
JOESMITH
```
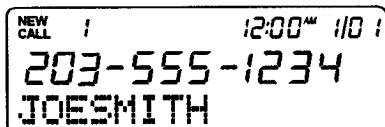
2. When you access the call waiting call, the Caller ID information will disappear and the Time/Day screen will be displayed.

IMPORTANT:

You must subscribe to Call Waiting and Call Waiting Caller ID service from your local telephone company in order to receive Call Waiting Caller ID information.

Reviewing Calls

Reviewing New Call Records

1. When Time/Date screen is displayed, pressing the "▲" or "▼" button will display the information for the last new call received.

2. Continue pressing "▲" or "▼" button to review all new call records in the order the calls were received.
When a name received exceeds 12 characters, the first 12 characters will be shown first with "▼" showing on the right hand side. Press the "▼" button to view the remaining characters.

3. After the final call has been displayed, press the "▲" or "▼" button again. The New Call LED will stop blinking and the LCD will show "END NEW CALL"

Note:

If you do not review all new calls, the Time/Date screen will display after 20 seconds and the new call counter will show the total number of new calls received (including those you just reviewed).

Reviewing All Call Records

1. After you have reviewed all of the new calls, press "▲" or "▼" buttons. The LCD display will show the calls stored in memory.

2. Continue to press "▲" button to display all records in the order they were received from the oldest to the newest, or "▼" button from the newest to the oldest.

3. After the last call record is reviewed, the LCD will show "--END--".

28

Caller ID Operation (Cont.)

Caller ID Redial

THE LOCAL AREA CODE MUST BE PROGRAMMED IN ORDER TO FULLY UTILIZE THE REDIAL FEATURE (SEE PAGE 13).The FF688 allows you to redial a phone number stored in the Caller ID memory.

1. Press the "▲" or "▼" button to select the Caller ID number that you want to dial.

2. Press and release the REDIAL button. The number will scroll across the screen from right to left as it is dialed.
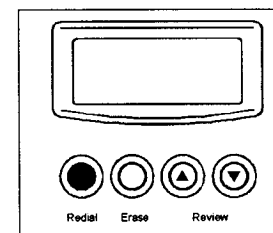
Note:

If the handset is in the base when you press the REDIAL button, the unit will automatically enter the Speakerphone mode when dialing out.

3. After the tones have stopped and a connection has been made, lift the handset or just speak through the speakerphone.

With current Telecom redialing situations, there are 4 redial options: (1) 7 digits without a 1 prefix; (2) 7 digits with a 1 prefix; (3) 10 digits without a 1 prefix; and (4) 10 digits with a 1 prefix.

1. 7 digits without a 1 : Assuming that you have programmed your correct area code, redial your local call by pressing the REDIAL button once.

2. 7 digits with a 1 : Assuming that you have programmed your correct area code, scroll to the local 7 digit call you wish to redial. Simply press the REDIAL button twice within 2 seconds.

3. 10 digits without a 1: Due to the software setup of the FF688, the user is instructed to insert their 3 digit local area code. In some areas of the country, one must include their area code when dialing a local call. In this situation, set the FF688 to another 3 digit "fictitious" area code. (We recommend using an area code not currently being used in the U.S. i.e. 100, etc.) Once your area code is programmed as above, your FF688 will show all "10 digits" for every incoming call. To redial a local 10 digit call, press the REDIAL button twice within 2 seconds in succession. The "1" prefix is then omitted and the local 10 digit call is redialed out.

4. 10 digits with a 1 prefix: Simply scroll to the desired Long Distance 10 digit call you wish to dial out. Press down the redial button once and release. If your area requires that you add 1 and your area code, even if the call is within the same area code, then you must reprogram your FF688 to another 3-digit "fictitious" area code. The "1" prefix will be added before the 10 digit number and your long distance call will be dialed out.
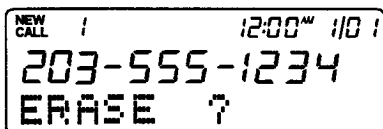
Note:

Use caution when pressing the redial button. Press and release rapidly; if the REDIAL button is held down too long, the "VIP CALL" feature will be activated.

29

Caller ID Operation (Cont.)

Caller ID Erase

To Erase a Single Call

1. Press the "▲" or "▼" button to review the Caller ID records you received.

2. Press ERASE button to erase the call displayed; the LCD will show "ERASE?" on the bottom line.

```
┌─────────────────────────────┐
│ NEW                         │
│ CALL  I        12:00ᴬᴹ  I/0 I│
│   203-555-1234              │
│   ERASE      ?              │
└─────────────────────────────┘
```

3. Press ERASE button again; the CID will be erased and the LCD will display the next call message.

Note: If the current display message is the last message to come in, then the display will show "--END--".

To Erase All Calls

1. Press the "▲" or "▼" button to review the Caller ID records received before erasing all calls.

2. While the display is in standby mode, press and hold the ERASE button for 2 seconds. The LCD will show "ERASE ALL?" on the bottom line.

```
┌─────────────────────────────┐
│                             │
│                             │
│   ERASE  ALL  ?             │
└─────────────────────────────┘
```

3. Press the ERASE button again; all VIEWED messages will be erased.

Note:

1. In this condition, all the viewed messages are erased. If there are messages that have not been reviewed, the "Erase All Calls" function cannot be performed.

2. VIP calls will not be erased when you erase all calls.

VIP Calls

The FF688 allows you to create VIP call records. When a VIP call is received, 4 beeps will be heard (after the first ring), to alert you this a VIP call.

To Create a VIP Call:

1. Press the "▲" or "▼" button to select the caller to which you want to assign a VIP ringer.

2. Press and hold REDIAL button for 2 seconds until a beep is heard. The "VIP" icon is displayed.

Note:

Four beeps will also be heard when the incoming VIP call is a call waiting Caller ID call.

To Remove a VIP Call:

1. Press the "▲" or "▼" to display the call you have marked "VIP".

2. Press and hold REDIAL button for 2 seconds and a beep will be heard. The "VIP" icon will disppear.

FCC Wants You To Know

This equipment complies with Part 68 of the FCC rules. On the bottom of the base of this equipment is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment.
You must, upon request, provide this information to your telephone company.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice isn't practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service. If you experience trouble with this telephone equipment, disconnect from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

This equipment is hearing aid compatible.

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Some cordless telephones operate at frequencies that may cause interference to nearby TV's and VCR's. To minimize or prevent such interference, the base 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. 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.

Voice Help Guide*
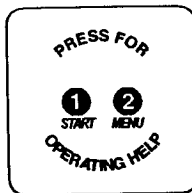
 If at any time you experience difficulty using your unit press the "1" button of the PRESS FOR OPERATING HELP Voice Help Guide* (on the base).

The Voice Help Guide* will provide you with answers to the most frequently asked questions.

*Patent Pending

Answers to Commonly Asked Questions

Q. The LED on my handset won't light and I can't get a dial tone. What do I do?
A. Your phone may have lost its digital security code and needs to be reset. Refer to the "To Reset" procedure on page 24.

Q. My answering system lights are flashing. What do I do?
A. Refer to the "LED Indications" section on page 20.

Q. My answering system won't work. What do I do?
A. You may have had a power failure and need to reset your machine.
Refer to the "To Reset Unit" procedure on page 24 or "To Turn System On" on page 21.

Q. How do I erase the incoming messages to make room for more?
A. Your unit automatically saves message unless you erase them. Refer to page 23 "To Erase Your Messages."

Q. How often do I need to replace the 9 volt battery?
A. You should replace the 9 volt battery once a year or after a power outage.

Q. Can my unit be left on for a long period of time?
A. Yes. Your unit is designed to be on 24 hours a day.

Q. My AC Adaptor feels warm to the touch. Is this normal?
A. Yes. It is characteristic of your AC Adaptor to feel slightly warm. There is no need to be alarmed.

Q. Will my unit operate in a very cold or hot environment?
A. Your unit is designed to perform most efficiently at room temperature. However, it can be used in environments ranging from 50° F to 120° F.

Q. How do I know my system is set to answer calls?
A. When the message display indicator shows a number than is lit solid or flashing, your unit is ready to answer calls. After most modes of operation (such as after recording your outgoing message) the unit will automatically switch to the answer mode.
If the display shows "A", the unit is in the announce only mode and will NOT record messages.

Q. How do I know that messages are saved?
A. The FF688 automatically saves message unless you press the "ERASE" button.

Answers to Commonly Asked Questions (Cont.)

Q. When I try to record a new outgoing greeting, the old greeting plays back. Why?
A. Pressing and RELEASING the GREETING button will play back the current outgoing greeting.

To record a new outgoing greeting, you must press and HOLD the GREETING button while you record your greeting.

Q. What is the maximum length of the outgoing greeting I can record on my unit?
A. Your outgoing greeting recording time is up to 30 seconds.

Q. I am checking my messages remotely from a touch tone telephone, but my unit will not playback my messages. Why?
A. Although the telephone you are using is a push button telephone, the telephone line over which you are calling may not be a standard touch tone line. Try calling your unit from a different location (e.g., a pay telephone).

Q. Does my unit have to be set on tone (T) to access my unit remotely?
A. No, but you must call from a touch tone telephone system to retrieve your messages.

Q. I am calling from a remote phone to check my messages. What will happen if I hang up before all my messages are played back?
A. Your unit will save your messages and reset to answer incoming calls.

Q. What is the range of my remote feature?
A. Your remote will work from any touch tone telephone in the world that is compatible to the U.S.A. specifications, does not have any unusual or loud background noise, and is able to produce a tone of at least 2 seconds when you enter your security code.

Q. What is the difference between the Voice Menu and the Voice Help Guide*?
A. The Voice Menu gives you step-by-step instructions while you are operating such functions as Recording Outgoing Greeting and Remote Operation. To access the voice menu, press the base "2" button and then the corresponding base button.

The Voice Help Guide* gives you possible solutions to difficulties you may be having with your unit. You access the Voice Help Guide* by press the "1" button on the base.
* Patent Pending

Q. Why are some of the digits on the display missing?
A. Information in the Transmission is unable to be decoded by your unit and could not be displayed. If the error affects only a single digit, the display will sometimes show a "_" in the area of the digit effected. Your telephone is able to recover all available information, making it possible for you to determine who the call is from.

Q. How many calls can be stored in Caller ID memory?
A. The telephone number, name (if available), and time/day of up to 64 calls will be stored in memory.

Q. Will the time/day of the Caller ID information always match the time/day of the answering machine message?
A. The time/day of the Caller ID information is automatically set by the telephone company. The time/day of the answering machine is set by you, so these two time/day settings may be different.

Q. When I press the "MESSAGE CALL BACK" button during message playback, the unit announces "No Caller ID information." Why?
A. No telephone number was stored for that call. For example, the call may be a private call(i.e. Caller ID Blocked).

Troubleshooting Guide

If you have followed the instructions in this manual, and have difficulty operating your Southwestern Bell Freedom Phone® Cordless Telephone, locate the PROBLEM in the left column below. Check the corresponding POSSIBLE CAUSE and CORRECTIVE ACTION columns to locate and remedy the problem.

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
The unit will not operate.	Improper installation.	Recheck all plug connections. Also, check the AC adaptor for proper connection to wall outlet and phone base.
	The digital security code has been lost due to a power loss while the handset was away from the base.	Reset the digital security code by returning the handset to the base. A new code is set.
	The battery is not charged.	Charge the battery for about 10-14 hours before initial use or when the battery low beep sounds every 8 seconds from the handset.
No dial tone.	See the above mentioned possible causes.	See the above mentioned corrective actions.
	The handset is being used too far away from base.	Move the handset closer to the base.
Difficulty placing or receiving calls.	You may have lost the security code. The handset can no longer communicate with its base. The loss of the code can occur if the battery is drained and needs recharging, the AC adaptor is disconnected, a power loss occurred, or there is electrical interference from other cordless phones, baby monitors, microwaves, etc. Even a momentary power interruption could erase your cordless phone's security code.	1. Return the handset to the base unit for 5-10 seconds to reset code. If that doesn't work: 2. Check to make sure the AC adaptor is connected. 3. Unplug AC adaptor from power source, disconnect handset battery for 5 seconds, then reconnect. Place handset back on base, then replug the AC adaptor

Troubleshooting Guide (Cont.)

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Can't make outgoing calls.	Tone/Pulse switch is not set correctly.	Set the Tone/Pulse switch to proper position for your type of service.
	The digital security code has been lost.	Reset the security code by returning the handset to the base.
Battery pack is not recharging.	The base and handset battery contacts are not in contact with each other.	Make certain the battery contacts in the handset and base make contact when handset rests in the base. In Use/Charge LED will be lit.
	Battery pack needs to be replaced.	Replace the battery pack at least every one year.
Noise or interference is being heard during your conversation.	Current channel is not the clearest choice.	Press the channel button to switch from one channel to another. This will allow you to choose the clearest of 25 channels.
During a conversation a loud static noise is heard.	The handset is being used too far away from the base.	Move the handset closer to the base station. You have 16 seconds to do this before you are disconnected.
The handset only works close to the base.	The base antenna is not fully upright.	Make sure the base antenna is fully upright for the best result.
The incoming call's signal is intermittent or fades.	The battery is not charged.	Recharge the battery.
	The handset is being used too far away from the base.	Move the handset closer to the base.

Troubleshooting Guide (Cont.)

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Answering system will not operate.	You may have had a power failure.	Proceed with a unit reset (page 24).
Flashing POWER LED	Battery needs to be installed or replaced.	Install a fresh 9 volt battery.
No answer	Unit is in the "OFF" mode.	Check to verify message counter is lit. Press ANSWER ON/OFF control to turn unit on.
	AC adaptor is disconnected from wall outlet or back of unit.	Reconnect AC adaptor into wall outlet and back of unit.
	Power to electrical outlet may be off.	Check to see if electrical outlet is controlled by a light switch and power is on. Wall outlet may not be functioning, try connecting to a different wall outlet.
	Telephone line is not connected to wall jack.	Connect telephone line into wall jack. Telephone wall jack may not be functioning; try connecting unit into a different telephone wall jack.
After a power outage, outgoing greeting and incoming messages are lost	A 9 volt battery has not been installed or needs to be replaced.	Install a fresh, alkaline 9 volt battery to maintain your personalized outgoing greeting and incoming messages in the event of another power outage.
No incoming messages recorded	Unit is in the "ANSWER OFF" or "ANNOUNCE ONLY" mode	Check to verify message counter indicator is lit with the message number displayed. If not(or if the display shows "A" or "F"), press ANSWER ON/OFF control to turn unit on.
	AC adaptor is disconnected from wall outlet or back of unit.	Reconnect unit into wall outlet or back of unit. Try connecting to a different wall outlet.
	Power to electrical outlet may be off.	Check to see if electrical outlet is controlled by a light switch and power is on.
	Telephone line is not connected to wall jack	Connect telephone line into wall jack. Try connecting unit into a different telephone wall jack.

Troubleshooting Guide (Cont.)

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
POWER LED is not lit.	AC adaptor is disconnected from wall outlet or back of unit.	Reconnect unit into wall outlet or back of unit. Try connecting to a different wall outlet.
	Power to electrical outlet may be off.	Check to see if electrical outlet is controlled by a light switch and power is on.
No remote operation	Unit is in the ANSWER OFF or ANNOUNCE ONLY mode.	Check to verify message counter is lit with the message number displayed.
	AC adaptor is disconnected from wall outlet or back of unit.	Reconnect unit into wall outlet or back of unit. Try connecting to a different wall outlet.
	Power to electrical outlet may be off.	Check to see if electrical outlet is controlled by a light switch and power is on.
	The telephone you are calling from is not a standard touch-tone.	Try calling from a different location (e.g. pay phone.)
	Telephone line is not connected to wall jack.	Connect telephone line into wall jack. Try connecting into a different telephone wall jack.
	Security code not entered correctly.	2 digit remote security code must be entered within ten seconds of the beep at the end of your outgoing greeting. Press and hold each digit for 2 seconds, allowing a minimum of 2 seconds between digits.
	Remote security code being used differs from the code you have set.	Press the "*" and "5" buttons on the FF688 handset to check the current set security code.
The machine beeps during the recording of my outgoing greeting	The outgoing greeting you are recording is too long.	Record a shorter outgoing greeting (between 2 and 30 seconds).
The machine is cutting off incoming messages	Incoming messages are too long.	Maximum recording time for incoming messages is 60 seconds.
	Caller may be pausing for more than 7 seconds.	Caller must speak continuously without any long pauses.

Troubleshooting Guide (Cont.)

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Your telephone rings but the FF688 doesn't show any Caller ID records	The telephone line is not connected properly to the unit.	Connect the telephone line into the back of the unit. Check with your local telephone company to be sure Caller ID service is being provided on your telephone line. Also, if you pick up the phone before the first complete ring, the caller information will not be completely received.
You cannot redial a call record.	Your local area code is not programmed.	If the display does not indicate 7 digits, reprogram the local area code.
	The number displayed is incorrect.	Verify the number displayed during redial. Data received were possibly corrupted during the transmission through the telephone lines. Dial the telephone number manually on your telephone.
You can't receive call waiting messages.	This service is not available.	You must subscribe to Caller ID, Call Waiting, as well as Call Waiting Caller ID service from your local phone company. The phone must be off-hook to hear the call waiting Caller ID alert signal.
The display screen is dim or blank.	The display contrast is set to too low of a level.	Press and hold the "▲" and "▼" Buttons at the same time to adjust the contrast.

Product Care

A. Avoid putting cordless phones near heating appliances and devices that generate electrical noise (motors, fluorescent lamps, etc.).

B. Avoid rough treatment of the phone by placing the handset gently into the base when hanging up. Avoid dropping the handset.

C. Clean your cordless telephone only with a soft cloth slightly dampened with water or mild hand soap. Do not use any type of solvent or abrasive cleaner. Before cleaning, always unplug the phone from the wall outlet.

D. Your cordless phone is not designed to be water resistant. Do not use the handset in the rain, in the pool or in the shower. Do not install your base unit outdoors, near a sink, bath tub or shower. Do not expose to direct sunlight.

E. Retain the original packaging should you need to ship the phone at a later date.

Additional Information

A. Connecting this telephone to a coin operated telephone or party line is prohibited by law.

B. If it is determined that your telephone is malfunctioning, the FCC requires that it be disconnected from the modular outlet until the problem has been corrected.

For immediate answers to all your questions regarding the operation of your Southwestern Bell Freedom Phone®, call the Consumer Hotline, toll free at (800) 366-0937.

Speed Dialing Numbers Index

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

Service

According to FCC regulations, this equipment, which has been certified and registered by the FCC, may only be repaired by authorized persons. If repairs or adjustments are made by an unauthorized person, the FCC certification may be voided. Should you encounter any problems, please call the Southwestern Bell Freedom Phone® toll-free Customer Help Line for assistance: 1-800-366-0937, Monday - Friday 8:30 am - 9:00 pm, and Saturday 8:30 am - 12:30 pm. You can also visit our website at http://www.swbfreedomphone.com.

FOR IN-WARRANTY SERVICE:

Package your complete unit (including all adaptors, line cords, and other accessories) and ship the unit postage prepaid* and insured (for your protection) to:

SOUTHWESTERN BELL FREEDOM PHONE ®
DEPT.: Warranty Repair
7475 N. Glen Harbor Blvd., Glendale, AZ 85307

Be sure to include your return address, proof of purchase, a daytime phone number, $9.50 for postage and handling*, and a brief explanation of your difficulties.
*NOTE: California residents need only provide proof of purchase and should call 1-800-366-0937 for shipping instructions.

FOR OUT-OF -WARRANTY SERVICE:

You may call our toll-free Help Line for the price of a replacement before returning your unit. Please follow all instructions for In-Warranty service (above) to return your unit, and mark the package: DEPT.: Out-of-Warranty.

If you have called and know the cost of your replacement, please include this information with your unit for prompt service.

QUESTIONS?
STOP...DON'T TAKE ME BACK TO THE STORE.
LOOK...FOR THE TOLL-FREE "HELP" TELEPHONE NUMBER.
LISTEN...AS THE EXPERTS TALK YOU THROUGH THE PROBLEM.

For immediate answers to your questions regarding operation, missing parts or installation, call the

SOUTHWESTERN BELL FREEDOM PHONE ® **HELP LINE AT:**
1-800-366-0937
http://www.swbfreedomphone.com

Limited Warranty

This **Southwestern Bell Freedom Phone**® is warranted to the original purchaser to be free from defects in materials and workmanship under normal installation, use, and service for a period of one(1) year from the date of purchase as shown on the purchaser's receipt.

The obligation of **Southwestern Bell Freedom Phone**® Retail Sales under this warranty shall be limited to repair or replacement (at our option) during the warranty period of any part which proves defective in material or workmanship under normal installation, use, and service, provided the product is returned to **Southwestern Bell Freedom Phone**® Retail Sales (address below) TRANSPORTATION CHARGES PREPAID (California residents call 1-800-366-0937 for shipping instructions). Products returned to us or to an Authorized Service Center must be accompanied by a copy of the purchase receipt.
In the absence of such purchase receipt, the warranty period shall be one (1) year from the date of manufacture. To obtain service under this warranty, return the defective product to the service center nearest you together with your sales slip and $9.50 for postage and handling (California residents need only provide proof of purchase). You may also have other warranty rights which vary from state to state.

This warranty shall be invalid if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction, or alteration of the serial number, improper electrical voltages or currents, repair alteration or maintenance by any person or party other than our own service facility or an authorized Service Center, or any use violative of instructions furnished by us.

This warranty is also rendered invalid if this product is removed from the country in which it was purchased, if it is used in a country in which it is not registered for use, and/or if it is used in a country for which it was not designed. Due to variations in telephone systems and communications laws, this product may be illegal for use in some countries. **Southwestern Bell Freedom Phone**® Retail Sales assumes no responsibility for damages or penalties incurred resulting from the use of this product in a manner or location other than that from which it is intended.

This One-year limited warranty is in lieu of all other express warranties, obligations, or liabilities. ANY IMPLIED WARRANTIES, OBLIGATIONS, OR LIABILITIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE ONE-YEAR DURATION OF THIS WRITTEN LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.
IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

Some states do not allow the exclusion or limitation of special, incidental, or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SOUTHWESTERN BELL FREEDOM PHONE ®
7475 NORTH GLEN HARBOR BLVD., GLENDALE, AZ 85307