## A/ASTRA <br> Telecom

## PowerTouch 350



## Contents

Introduction ..... 1
Unpacking the phone ..... 3
Description ..... 4
Installation ..... 6
Installing on a desk ..... 6
Installing on a wall ..... 9
Checking your telephone ..... 11
Basic features ..... 12
Making a basic call ..... 12
Making volume adjustments. ..... 13
Personalizing your phone ..... 14
Locking the Directory ..... 15
Callers List ..... 16
Dialing from the Callers List ..... 17
Editing a number in the Callers List before dialing ..... 17
Copying from the Callers List ..... 18
Deleting from the Callers List ..... 18
Directory ..... 20
Adding to the Directory ..... 20
Finding items in the Directory ..... 22
Changing a Directory item ..... 22
Dialing Directory items ..... 23
Deleting Directory items ..... 23
Advanced features ..... 25
Predialing a number ..... 25
Redialing a number. ..... 25
Dialing without the handset ..... 25
Dialing with a Live dial pad ..... 26
Timing a call ..... 26
Using Flash ..... 26
Privacy/Extension in use ..... 26
Services ..... 27
Activating a service ..... 27
Deleting a service ..... 28
Prompts and indicators ..... 29
Display prompts ..... 29
Indicators ..... 30
Helpful hints ..... 31
Warranty and repairs ..... 33
Cleaning the display ..... 33
General inquiries ..... 33
Regulatory information ..... 33
Index ..... 34

## Introduction

Your telephone has gone modular!
Now you can change features simply by removing one module and sliding in another.

## Let the display be your guide

 Follow the display on the module for instructions to use features and handle calls. Your telephone has an 8 -line display, with enlarged numbers.
## Store the numbers of your

 friends right in the phoneOnce you've added numbers to the Directory, calling is easy. Instead of hunting for your phone book, look in the Directory and dial the number with the touch of a key.

[^0]
## Don't stop what you're doing to talk

If you need both hands to do something, use the handsfree key. Then just talk normally on the speakerphone while you go on with your task.

## See if you have a message

 You've been expecting a call but you had to run an errand. When you get back, look at your phone: if the light is flashing, a caller has left a message for you.See your telephone company about subscribed services.

## Don't worry if your line's tied

 up* ${ }^{\dagger}$Your telephone display lets you know who that second caller is while you're on the phone.

## Recognize a private number*

 You know your caller has a private number before you even answer because your telephone has a special ring for private callers. The display also shows you that the number is private.
## Identify callers by preferred name*

The phone company knows her as Mrs. Smith, but you call her "Mom". If you've got her number and name in the Directory, you'll see "Mom" on the display whenever she calls.

## See who's called*

You're out. Check the Callers List to see who's called, then call back at your convenience. Or, if you're busy, check the display to see who's calling. Then decide if you want to answer.

[^1]
## Unpacking the phone

After unpacking, keep the boxes.
Check to see that you have these parts:

If any part is missing, contact the outlet where you got the telephone.


3

## Description - Base



## Description - Module



Softkeys let you activate the commands that they point to on the display (page 14, 16, 20, 25, 27).

Directory lets you store and access up copy phone numbers (and names) into your Directory (page 18, 21).

Print lets you print a page of a service, or the list or an item for Callers or Directory. It requires the printer option: see your telephone company to order the cable (RJ11/RS232).
to 50 numbers and names (page 20).

Copy lets you


Redial lets you access a list of the last five numbers you dialed (page 25).

Display gives you instructions and information about calls and features (page 29).

## Installation

Note: Before inserting or removing a module, unplug all cords to the telephone. The telephone will not work without a module.

## Installing on a desk

## 1. Insert the module

Remove the clip from the connector. Slide the module all the way into the base from the right-hand side.


## 2. Connect the handset cord

Turn the telephone over. Plug one end of the handset cord into the jack marked with on the bottom of the telephone. Then, route the handset cord down through the channel below.


## 3. Lower the stand into the

 slotsHold the stand so that the square opening is on the lower right.


For a high viewing angle:
Lower the stand so that the two tabs fit into the lower slots on the bottom of the telephone (marked with

For a low viewing angle: Lower the stand so that the two tabs fit into the upper slots on the bottom of the telephone (marked with


## 4. Lock the stand into place

Press down hard on the top edge of the stand until the locking tabs click.

Note: To remove the stand: Reverse the process in steps 3 and 4. With one hand holding the phone and the other hand holding the stand, pull them apart, increasing pressure steadily until the stand pops off.
5. Connect the line cord

Plug one end of the long ( 6 ft ) line cord into the jack next to the handset jack on the bottom of the telephone, marked with $1 \mathbf{0}$.
6. Connect the fax machine, modem or answering machine (optional)
Plug one end of the second line cord (not supplied) into the jack above the handset jack on the bottom of the telephone, marked with $2 \mathbf{\square}$.

## 7. Attach the power adaptor

Plug the power adaptor into the power jack on the bottom of the telephone, marked with $\boldsymbol{\Lambda}$.

## 8. Route the cords

Route the line cords and power adaptor cord through the channels in the stand.


## 9. Plug in the cords

Plug the power adaptor into a wall outlet.

Plug one line cord into one telephone wall jack. Plug the second line cord into the fax machine, modem, or answering machine.

## 10. Attach the handset

Plug the other end of the handset cord into the handset and place the handset on the telephone.

## 11. Insert the number card

Write your telephone number on the card and place it into the slot on the telephone. Bend the clear plastic lens into the slot, over the number card.


Note: Keep the plastic lens away from small children.

## 12. Insert the language plate

Snap the plate over the keys above the dial pad.


## Installing on the wall

## 1. Insert the module

Remove the clip from the connector. Slide the module all the way into the base from the right-hand side.


## 2. Connect the handset cord

Turn the telephone over. Plug one end of the handset cord into the jack marked with $\curvearrowleft$ on the bottom of the telephone. Then, route the handset cord down through the channel below.

3. Connect the line cord

Plug one end of the short (8 in.) line cord into the jack next to the handset jack on the bottom of the telephone, marked with $1 \mathbf{0}$.

## 4. Connect the fax machine, modem or answering machine (optional)

Plug one end of the second line cord (not supplied) into the jack above the handset jack on the bottom of the telephone, marked with $2 \mathbf{\square}$.

## 5. Attach the power adaptor

Plug the power adaptor into the power jack on the bottom of the telephone, marked with 4.

## 6. Plug in the cords

Plug the power adaptor into a wall outlet.

Plug the short line cord into the telephone wall jack. Plug the second line cord into the fax machine, modem, or answering machine.

## 7. Mount the telephone

Press the telephone against the wallmount plate until the hooks on the plate align with the wall-mount slots on the telephone. Slide the telephone down until it is secure.


## 8. Attach the handset

Plug the other end of the handset cord into the handset and place the handset on the telephone.

## 9. Insert the number card

Write your telephone number on the card and place it into the slot on the telephone. Bend the clear plastic lens into the slot, over the number card.


Note: Keep the plastic lens away from small children.

## 10. Insert the language plate

Snap the plate over the keys above the dial pad.


## Checking your telephone

Whenever the telephone has been without power for a long period of time, the display asks you to select a language when power returns. Follow the directions on the display to select one of the languages.
If you've missed the prompt for language, don't worry. See page 14 for another way to change the language.

The telephone also runs a test to ensure that the line cord is connected. If the test fails, the display prompts you to check the phone cord ( $\mathbf{\square}$ ).
You can now use your telephone. But read on to learn more about your telephone's special features. If you want to customize your phone, see Personalizing your phone on page 14 .

## Basic features

## Making a basic call

For other ways of handling calls (including predialing), see page 25 .

## To dial a number

1. Lift the handset.
2. Enter the number using the dial pad.

## To answer a call

1. Lift the handset.

## To end a call

1. Hang up the handset or press Goodbye

## To place a call on hold

1. Make or answer a call.
2. Press Hold.
3. Hang up the handset.
4. Lift the handset of this phone or an extension phone to retrieve the call.
Note: If a call is held for more than 15 minutes, it is automatically reconnected. If the handset is off the telephone, the caller can hear you again. If the handset is on the telephone, the call is released.

## Making volume adjustments

## Adjusting the ringer volume

Without lifting the handset, press the left side of (1)) until Ringer is OFF appears on the display. To turn the ringer on or up, press the right side of the volume bar without lifting the handset. The telephone rings while you adjust the volume so you can hear how loud it is. The new volume level is saved automatically.

## Adjusting the receiver volume

When you are on a call, you can turn the volume of what you hear up or down by pressing the right or left side of ( 10$)$. The receiver volume returns to normal when the handset is put back on the telephone.

Adjusting the speaker volume
When you are on Handsfree, press the left or right side of to turn the speaker volume up or down. If you hold either end of the key down, you can scroll through all the volume settings. The speaker volume setting stays at the new level between calls.

## Personalizing your phone

Your telephone has eight options to personalize your telephone. The display shows four options at a a time. To preview the entire list, keep pressing and .

## To select an option

1. Press Options (recessed key).
2. Press the option number (for example, press to set the dial pad mode).

## OR

Press or to scroll through the list, one option at a time. Then press the Show softkey to check the option setting.
3. Press the appropriate softkeys to change the setting.
4. Press the Done softkey.
5. Press Goodbye or Options at any time to leave the list.

## 1. Display language

Change to the other language (Spanish or English).

## 2. Time and date

Enter the time and date. The setting is updated with each incoming call.

## 3. Ring tone

Choose one of three ring tones.

## 4. Call timer

Turn the timer on or off. When on, it times each call automatically (if a service is not active).

## 5. Dial pad mode

Turn Live dial pad on or off. When on, the telephone automatically dials out any number you press on the dial pad. When off, you can predial or view numbers on the display before you dial them.

## 6. Clear Message Waiting

If you get the Message Waiting prompt on the display when there aren't any messages, turn the display prompt and the telephone light off.

## 7. Area code

Enter up to three area codes so that calls can be dialed from the Callers List without the area code.

## 8. Callers List mode

Select the type of calls to be logged in the Callers List. Choose between no calls, all calls, or unanswered calls.

## Display icons

## Locking the Directory

Once you've accumulated a lot of items in the Directory, you can lock it so that items won't be accidently erased.
Note: You cannot change or add items in a locked Directory.

To lock the Directory

1. Press Options.
2. Press Hold
3. Press $¥$. The display shows that the Directory is locked.

## To unlock the Directory

1. Press Options.
2. Press Hold .
3. Press $£$. The display shows that the Directory is unlocked.

## Callers List

Your telephone logs up to 25 incoming calls which are stored in the Callers List.
Note: The Callers List remains empty until you receive calls AND until you subscribe to calling line identification service from your local telephone company.

The Callers List tells you who called while you were out or unavailable, and lets you dial the callers back from the list.

If the number matches a number that you've programmed with a name in the Directory, the Callers List will show that name.

From the Options list, the Callers List can be programmed to record all incoming calls, no calls, or only unanswered calls. Press Options, i , and follow the instructions on the display.

## To view the Callers List

1. Press Callers to see the Callers List heading.
2. When there are new callers, press to see the first new caller in the list.

OR
Press the Resume softkey to see the last caller you viewed the last time you were in the Callers List.
3. Press or to move between callers.
4. Press Callers , the Quit. softkey, or Goodbye at any time to leave the Callers List.

Note: Goodbye also hangs up if you're on a call.

## Dialing from the Callers List

If you call a number from the Callers
List and you don't get connected, you may have to edit the number (for example, the number may be long distance and you may have to add "1").

## To dial from the Callers List

1. Press Callers.
2. Use and to find the caller.
3. Press the DIAL softkey or the Handsfree key, or lift the handset.

Note: If you dial any numbers after the call connects, those numbers won't appear on the display.
Note: When you finish the call, you return to the same number in the Callers List.

## Changing a number in the Callers List before dialing

If you frequently have to delete an area code to dial a number, enter the area code in the Options list. Press
Options , , and follow the instructions on the display. After you do this, that area code will appear in brackets, but won't be dialed out.

## To edit a number in the Callers List

1. Press Callers
2. Press until you find the caller you wish to call.
3. If you just want to add digits, you can skip this step. If you want to delete digits first, press the Edit. Hum softkey to begin editing.
4. Use the dial pad to add digits. Press the Remoue softkey or to erase one digit to the right of the cursor. Press the BackSpace softkey or $\boldsymbol{4}$ to erase one digit to the left of the cursor.

Caution: Callers List does not save changes. If you plan to call the number again, copy it to the Directory before dialing it (see the next procedure).
5. Press the DIFL softkey or the Handsfree key, or lift the handset to make the call.

## Copying from the Callers List

## To copy to the Directory

1. Press Callers.
2. Press until you find the caller you wish to copy.
3. If it requires editing, press the Edit.Num softkey and follow the instructions in the procedure before this one.
4. Press Copy . If a name was displayed, skip steps 5 and 6.
5. If no name is displayed, you are prompted to enter one. If you don't want to save a name, go to step 6. To enter a name, use the dial pad. (The letters are on the keys. For special characters, see the chart on page 21.)
6. Press the GPVE softkey.

## Deleting from the Callers List

## To delete one caller

1. Press Callers
2. Press until you find the caller you wish to delete.
3. Press the Delete softkey.
4. Press the Delete softkey again to confirm the action.

## To delete all callers

1. Press Callers.
2. Press the DeleteList softkey.
3. Press the Delete softkey to confirm.

## Icons in the Callers List

少
"III? You are in the Callers List.
G
You answered the call when it came in.

ת You did not answer the call when it came in.
( $\quad$ )) You were on another call when this call came in.
$\checkmark$ You have returned the call from the Callers List.
(10) The area code has been stripped off.
$4 \times$ The party called four times.

## Directory

The Directory lets you store up to 50 names and numbers in alphabetical order so that you can dial numbers directly from the Directory. The Directory sorts the names by the first character.

For consistency, always enter your Directory names in the same order (last name first, or first name first). If you don't enter a name, the item is sorted by the telephone number. All telephone number items are at the beginning of the Directory.

## Adding to the Directory

## To add a name and number

1. Press Directory if you are not already in the Directory.
2. Press the Addllew softkey.
3. Enter the telephone number using the dial pad. The number can have up to 24 digits.

If the number includes external access codes or personal identification numbers, enter a pause between the two numbers. Press the Pause softkey for a pause. (The Pause softkey appears after you've entered the first digit of the number.) If Flash is required for a custom calling feature, press Flash at the appropriate place in the number. You can press these keys without activating these functions on the telephone.
4. Press the SAVE softkey.
5. If you don't want to save a name, go to step 6. Press the key with the desired letter until that letter appears on the display. (The letters are on the keys. For special characters, see the chart on page 21.) The name can have up to 16 characters, including spaces.

Press the NextSpace softkey or to move to the next letter or add a space.

For example, to enter Ruth: press


Note: You don't have to press or the NextSpace softkey if the next letter is on a different key.

Press the Changecese softkey to switch between upper and lower case.

Press the BackSpace softkey or 4 to erase a character.
6. Press the SAUE softkey. The display shows the new item.

## Chart for special characters

The following characters aren't shown on your dial pad keys.

| Key | Character |
| :---: | :---: |
|  | \%' () , - |
|  | Q |
| ※ | $z$ |

## To copy from the display

1. When a number is on the display, press Copy.
If a name was on the display, skip steps 2 and 3.
2. If no name is displayed, you are prompted to enter one. If you don't want to save a name, go to step 3. To enter a name, use the dial pad. (The letters are on the keys. For special characters, see the chart on this page.)
3. Press the SAUE softkey.

## To copy from Redial

1. Press Redial.
2. Press or to find the number you want to copy.
3. Press Copy.

If a name was on the display, skip steps 4 and 5.
4. If no name is displayed, you are prompted to enter one. If you don't want to save a name, go to step 5. To enter a name, use the dial pad. (The letters are on the keys. For special characters, see the chart on page 21.)
5. Press the SAVE softkey.

## Finding items in the Directory

## To find items in the Directory

- Press Directory to see the Directory list heading.
- Press to scroll down and to scroll up the Directory, one listing at a time.
- Press and hold or to continuously scroll down or up the Directory.
- Press the appropriate dial pad key to see the listings that start with a particular letter. (For example, takes you to the first 'J' listing; use for the second 'J' listing; takes you to the first ' K ' listing.)
- Press the Change softkey to edit a listing (the number, the name, or both).
- If the display shows... after the number, it means the number is longer than the display.
- Press Directory, the Quit softkey, or Goodbye to get out of the Directory.
Note: Goodbye also hangs up if you're on a call.


## Changing a Directory item

To change a Directory item

1. Press Directory.
2. Find the name and number you want to change by pressing the first letter of the name or $\boldsymbol{\square}$, or
3. Press the Change softkey.
4. To skip the number, go to step 5. Use the BackSpace softkey or $\backslash$ to erase digits. Use the dial pad to add digits.
5. Press the Soue softkey.
6. If you don't want to change the name, go to step 7. To change the name, press the BackSpace softkey or $\boldsymbol{4}$ to erase letters. Use the dial pad and the HextSpace softkey or to add letters. (The letters are on the keys. For special characters, see the chart on page 21.)

Press the Changecase softkey to switch between upper and lower case.
7. Press the GPUE softkey.

## Dialing Directory items

## To dial from the Directory

1. Press Directory.
2. Find the name and number you want to call by pressing the first letter of the name or $\boldsymbol{\infty}$, or
3. Press the Handsfree key or the DIAL softkey, or lift the handset.

Note: If you dial any numbers after the call connects, those numbers won't appear on the display.
4. Press Goodbye or hang up to end the call.

Note: When you finish the call, you are no longer in the Directory.

## Deleting Directory items

## To delete individual items

1. Press Directory.
2. Find the name and number you want to delete by pressing the first letter of the name or $\boldsymbol{\square}$, or
3. Press the Delete softkey.
4. Press the Delete softkey again to confirm.

The display shows the next listing in the Directory.
5. Press Directory, the Duit. softkey, or Goodbye to get out of the Directory.
Note: Goodbye also hangs up if you're on a call.

## To delete all items

1. Press Directory.
2. Press the DeleteList softkey.
3. Press the Delete softkey to confirm the action.
4. Press Directory, the Quit. softkey, or Goodbye to get out of the Directory.

Note: Goodbye also hangs up if you're on a call.

## Display icons

## 要

You are in the Directory.

IT
You pressed Flash or Flash has been programmed into a number.

IIII You pressed the Fause softkey or a pause (which can be up to 3 seconds) has been programmed into a number.

## Advanced features

## Predialing a number

Predial lets you view the number first, before you dial it. It helps prevent dialing errors. Predial does not work when the Live dial pad option is on (see page 14).

## To predial a number

1. Enter the number using the dial pad. Use the BackSpace softkey or $\boldsymbol{4}$ to correct errors.
2. Lift the handset, or press the DIFL softkey or Handsfree key.

## Redialing a number

Redial shows you a list of the last five numbers you called.

## To redial a number

1. Press Redial.
2. Press or to find the number.
3. Lift the handset, or press the DIFL softkey or Handsfree key.

If you dial any numbers after the call connects, those numbers won't appear on the display.

## To delete a redial number

1. Press Redial.
2. Press or to find the number.
3. Press the Delete softkey twice.

Display icons

THYou are in the Redial list.

## Dialing without the handset

With Handsfree you don't have to interrupt the task at hand to talk on the telephone. You can also use the Mute feature to talk to someone else in the room without the caller hearing.

## To dial using Handsfree

1. Press the Handsfree key.
2. Enter the number.
3. If you want to talk to someone else in the room without the caller hearing you, press the Handsfree key again. The Handsfree light flashes. You can still listen to the caller.

Each time you press the Handsfree key, you switch between Handsfree and Mute.

## Dialing with a Live dial pad

You can make the telephone dial out and go on Handsfree as soon as you press a dial pad key. Do this by turning Live dial pad on: press

Options, , and follow the instructions on the display.

## To dial with a Live dial pad

1. Enter the number using the dial pad. The number is dialed automatically and the call goes on Handsfree.
2. Whenever you want privacy, lift the handset.

## Timing a call

You can turn the call timer on, if you want to automatically time the length of your calls, or you can turn it off. Press Options, , and follow the instructions on the display. The timer begins counting when you answer, or 5 seconds after you dial. The timer does not run when a service is active.

## Using Flash

You use Flash mainly for subscribed services, such as call waiting and three-way calling. Follow the procedures given to you by your telephone company when you subscribe to these features. Wherever it says to press the hook-switch or receiver button, press Flash instead.

## Privacy/Extension in use

Extension in use appears on the display when someone uses an extension telephone. The light remains on until the other person hangs up.

## Services

The large display on your telephone offers you the advantages of fullscreen services, much like an automatic banking machine. You can subscribe to enhanced telephone company features and services such as home banking, catalog shopping, movie libraries, and restaurant guides. You can also subscribe to telephone network services such as network voice mail.

The Services list shows you the services that you subscribe to. Before you can select a service, you must load it into your telephone. For information on loading a service, please contact your telephone company or service provider.

Some services may be available by dialing them directly, and do not need to appear in your Services list. You can store the number for this kind of service in your Directory.
Note: Some telephone features (such as call timer) may be disabled when you are using a service.

## Activating a service

## To activate a service

1. Press Services.
2. Press and to move the cursor to the service you want.
3. Press the Select. softkey to activate the service next to the cursor.
4. Once you have connected to the service, follow the instructions.
5. After a Services session, press the Quit softkey or Goodhye to leave the list.

## Deleting a service

You may be able to delete a service when you no longer use it or when you want to replace it.

## To delete a service

1. Press Services
2. Press and to move the cursor to the service you want.
3. Press the Delete softkey.
4. If you change your mind, press the Restore softkey.
5. Press the Quit softkey or

Goodbye to leave the list.
Note: You may not be able to delete some services.

## Display icons

You are in the Services list.
$\downarrow$ Press $>$ or $\langle$ for more information.
$\because$ Service information is being
downloaded to your telephone.

## Prompts and indicators

## Display prompts

Your telephone display gives you instructions and information. If you want to know what to do about a particular display prompt, look it up here. The prompts are listed in alphabetical order.

For other helpful hints, see page 31 .
Check Fhone cord
A line cord ( $\mathbf{\square}$ ) is not connected properly.

Director- is full
You are in a full Directory or trying to copy an item to a full Directory. Delete an item that you no longer use before adding or copying an item.

## Director"s is empty

You have pressed Directory and the list is empty. Press the Addllew softkey to add items.

## In English

## Espafiol

The telephone now has power. Press a softkey to change the language for the display.

Message Waiting
Check for new messages at your Voice Mail center. Press to see other display prompts.

Private name or
Private number
The caller has requested that the name (or number) not be shown. Your
telephone rings differently for private calls.

## Redial List is empty

You have pressed Redial and the list is empty. Or, you have just deleted all items in the list.

Ringer is OFF
You can't hear incoming calls. To turn the ringer on again, press the right side of (1) (1)).

Unkrown name or
Unknown number*
The telephone company is unable to provide the name or number of the caller.

XX Hew callers
XX new calls have been added to the Callers List since you last checked it. Press Callers to access the list.

## Indicators

The telephone light and Handsfree/ Mute light let you know the status of calls and messages. The tables below show what the lights mean and also what the display shows in different situations.

| Handsfree/Mute light |  |
| :--- | :--- |
| Feature | Light |
| Call is on | Handsfree/Mute light is |
| Handsfree | on. |
| Handsfree | Handsfree/Mute light |
| call is | flashes. Display shows |
| muted | Microphone muted. |

Telephone light
Feature Light

| Call is on | Light flashes. |
| :--- | :--- |
| hold | Display shows |
|  | Cell is on hold. |


| Extension | Light is on. |
| :--- | :--- |
| is in use | Display shows |
|  | Extension in use. |


| Message is | Light flashes. |
| :--- | :--- |
| waiting | Display shows |
|  | Message Waiting. |

Visual Light flashes while ringing ringing. Display shows name and number (if available).

If you've checked your messages and the display still shows that there is a message waiting, turn off the prompt and the telephone light using the Options list. Press Options, , and follow the instructions on the display.

After you check your messages, it takes a few seconds for the prompt and light to turn off.

## Helpful hints

Callers are not identified on the display.
Let the telephone ring at least twice before answering. Make sure you subscribe to calling line identification services from your local telephone company.
The display is blank and ringer volume is very low.
Make sure the power adaptor is plugged in a working electrical outlet.
You cannot dial a number in the Callers List.
If the number of the caller is unknown, you cannot return the call.
Or, the number may require an area code. Press the Edit.ilum softkey to edit the number, then press the DIFL softkey.

## You cannot hear a caller or be heard.

Increase the receiver or speaker volume. Make sure the handset cord is inserted securely into the jack. If the Handsfree light is flashing, the call is muted: press the Handsfree key.

The telephone wobbles.
Make sure the cords are routed properly through the stand, as indicated in the Installation section. Check that the stand has been properly snapped in.

## The display works but you can't hear a dial tone.

Make sure the line cord is connected in the appropriate jack. If the problem persists, have your wall jack checked: the wiring may need to be repaired.
The cursor doesn't move when you're adding to the

## Directory.

The name or number may be too long. Names can be no longer than 16 characters and numbers can be no longer than 24 characters.

## The display is in the alternate language.

You can change to the other language by pressing Options, , and the appropriate softkey.

## You cannot place a call.

This telephone requires tone service.

## The display is blank.

Your telephone provides basic telephone service during a power failure. You can use the dial pad and receive calls, but the other keys and the display do not work until power returns.

## The time and date are wrong.

 If the power has been out, the next incoming call will reset the time and date. (You must subscribe to calling line identification service.) To manually reset the time and date, press Options , , and follow the instructions on the display.
## The ringer sounds different.

 When a call comes in from a private name or number, the ringer uses a special tone.
## Numbers don't show on the display.

If you dial using the Directory, Callers List, or Redial, numbers you press on the dial pad will not appear on the display. (This keeps passwords from appearing on the display.) If you dial using the dial pad, every number you press will appear.

The Redial list shows more than the number you dialed. If you dial using the dial pad, the Redial list stores all digits you dial, even those you dial after the call connects. If you want just the number to be stored, dial using the Directory or Callers List.

## My voice mail password shows up in the Redial list.

If you dial your voice mail number using the dial pad, all digits you dial, including your password, are stored in the Redial list. Delete the number in your Redial list.

To keep your voice mail password a secret, program the telephone number for your voice mail service into the Directory. Do not program your password. Then, always dial the voice mail number using the Directory. When you dial your password, it won't show up in the Redial list.

## What is a softkey?

There are three keys on the left and right side of the display. They do different things, depending on the label next to them on the display.

## Warranty and repairs

When you ship your telephone to a Aastra Telecom Service Center, you are responsible for shipping charges.

## Cleaning the display

Use only a soft cloth soaked in isopropyl alcohol to clean the display.
Warning: Do NOT use a dry cloth: it might scratch the surface. Do NOT use ketone, acetone, toluene, or xylene: they may damage the coating.

## General inquiries

If you've read the guide and you have questions, call 1-800-574-1611 in the USA and in Canada.

## Regulatory information

The Load Number (LN) for your telephone is 8 . The Ringer Equivalence number (REN) is 0.7 B . Please see the bottom of your telephone or the Regulations sheet for more regulatory and safety information.

## Index

Alternate language 14
Answering a call 12
Answering machine,
connecting 7,9
Area code 15
Arrow keys 5
Backspace key 5
Call is on hold $\mathbf{3 0}$
Call timer 14, 26
Callers key 5
Callers List 16-19
Answer mode 15
Changing an item 17
Copying to the Directory 18
Deleting items 18
Dialing a number $\mathbf{1 7}$
Dialing problems 31
Editing items 17
Icons 19

Viewing items 16
Calls on hold 12
Changing
a Callers item 17
a Directory item 22
Chart for special characters 21
Check phone cord 29
Cleaning the display $\mathbf{3 3}$
Contrast key 5
Copy key 5
Cords, routing 8
Customer service 33
Date and time 14
Problems 32
Deleting items
Callers List 18
Directory 23
Redial number 25
Services 28
Desk mounting 6 Dial again See Redial Dialing a number 12 Problems 31
Directory 20-24
Adding items 20
Changing items 22
Copying from Redial 21
Deleting items 23, 24
Dialing a number 23
Finding items 22
Locking and unlocking 15
Problems 31
Directory full 29
Directory is empty 29
Directory key 5
Display 5
Cleaning 33
Enlarged numbers 1
Icons 15, 19, 24, 25, 28
Language 14
Problems 31
Prompts list 29

Display keys See Softkeys
Display services 27
Down-arrow key 5
Enlarged numbers 1
Erasing items
Callers List 18
Directory 23
Redial number 25
Services 28
Extension in use 26, 30
Fax machine, connecting 7,9
Finding items
Callers List 16
Directory 22
Redial list 25
Flash, in a Directory number 20
Flash key 4, 26
Overlay $\mathbf{8 , 1 1}$
Goodbye key 4
Overlay $\mathbf{8 , 1 1}$

Handset, connecting 8, 10
Handset cord, connecting 6,9
Handsfree calls 25, 26
Handsfree light 30
Handsfree/Mute key 4
Helpful hints 31-32
Hold key 4
Overlay $\mathbf{8 , 1 1}$
Holding a call 12
Icons 15, 19, 24, 25, 28
In English 29
Inquiries 33
Installation 6-11
Module 6, 9
Stand 7
Key description 4-5
Language choice 14, 31
Language plate 8, 11
Left-arrow key 5
Lights on the phone 4, 30

Line cord, connecting 7,9
List of parts 3
Live dial pad 14, 26
Load number 33
Locking the Directory 15
Message Waiting 14, 29, 30
Microphone muted 30
Modem, connecting 7,9
Module, installing 6,9
Mounting the phone on a desk 6
on a wall 9
Mute key See Handsfree key
Names in the Directory 20
New Callers 30
Number card 8, 10
Numbers in the Directory 20

Options 14
Area code 15
Call timer 14
Callers List mode 15
Dial pad mode 14
Display language 14
Message Waiting prompt 14
Ring tone 14
Time and date $\mathbf{1 4}$
Options key 4
Overlay 8, 11
Parts list 3
Password, voice mail 32
Pause, in a Directory number 20
Plugging in the cords $\mathbf{8}, 10$
Power adaptor, connecting 7, 10
Predialing 25
Print key 5
Printer option 5
Private name 29
Private number 29

Problems 31-32
Callers List 31
Dialing 31
Directory 31
Display 31
Display language 31
Redial list 32
Ring tone 32
Time and date $\mathbf{3 2}$
Voice mail security 32
Volume 31
Prompts 29, 30
Receiver volume 13
Problems 31
Redial 25
Deleting items 25
Problems 32
Redial key 5
Redial List is empty 29
Regulatory information 33
Removing the stand 7
Repair information 33

Right-arrow key 5
Ring tone 14
Problems 32
Ringer Equivalence number 33
Ringer is OFF 29
Ringer volume 13
Security
Directory items 15
Voice mail 32
Service centers 33
Services 27
Deleting 28
Selecting 27
Services key 5
Softkeys 5, 32
Speaker volume 13
Problems 31
Special characters 21
Stand
Connecting 7
Removing 7
Routing cords 8

Subscribed services 2, 26, 27
Symbols See Display icons
Symbols See Icons
Telephone
Description 4, 5
Lights 4, 30
Unpacking 3
Time and date $\mathbf{1 4}$
Problems 32
Timing calls 26
Troubleshooting 31-32
Unknown name 29
Unknown number 29
Unpacking the phone $\mathbf{3}$
Up-arrow key 5
Viewing items
Callers List 16
Directory 22
Redial list 25

Voice mail password 32
Volume

## Problems 31

Receiver 13
Ringer 13
Speaker 13
Volume key 4
Wall mounting 9
Warning, cleaning the display 33


[^0]:    ${ }^{\dagger}$ Requires voice message service (light indicator service may not be available in all areas).

[^1]:    * Requires Caller ID service.

