

AUDIOLINE™

CDL 310

CORDLESS

P H O N E

10 Channel Auto Scan

with

Digi-clear Circuitry

CONTENTS

2

PART 1: setting up the phone

Introduction.....	3
Installing The Phone.....	4
Charging The Phone.....	5
Handset Battery Care.....	6

PART 2: operating the phone

Handset Calls.....	7
Speakerphone Calls.....	8
Other Handset Features.....	9-10
Memory Numbers.....	11
Intercom Operation.....	12
Ringling Options.....	13

PART 3: further information

Fault Finder.....	14-15
Battery Replacement.....	16
Ordering Accessories.....	16
Technical Information.....	17
Special Features.....	17
Handset Illustration.....	18
Base Unit Illustration.....	19
Wall Mounting.....	20

3

ATTENTION.

**THIS IS A CORDLESS PHONE WHICH CONTAINS
A RECHARGEABLE BATTERY.**

**UNLIKE A STANDARD TELEPHONE IT CANNOT BE
USED IMMEDIATELY.**

**TO ENSURE CORRECT OPERATION, THE
FOLLOWING ACTIONS MUST BE PERFORMED.**

**CHOOSE THE CORRECT LOCATION
FOR THE BASE UNIT.**

(see page 4)

**FIT AND CHARGE THE HANDSET BATTERY FOR 14 HOURS
BEFORE USE**

(see pages 4 & 5)

INTRODUCTION

Thank you for purchasing the CDL310 cordless phone. This new product offers 10 channel auto selection, memory storage and intercom.
Please read this user guide before use.

IMPORTANT

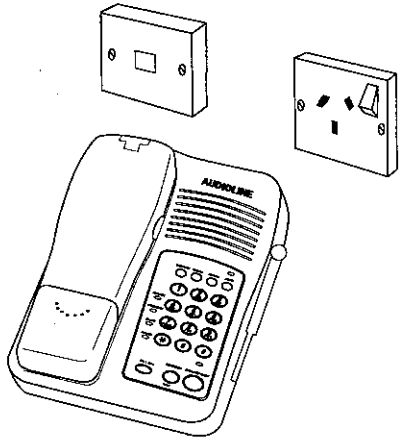
- *Disconnect your cordless telephone during a thunderstorm.*
- *Do not install in damp or high humidity locations, such as greenhouses, garages or bathrooms.*
- *Do not use in the rain, near a bath, etc., or with wet hands. If any damage is caused by such elements it is not covered by the guarantee.*

PART 1: Installing The Phone

4

It is essential that the base unit and the handset can receive and transmit good radio signals. The signal strength depends upon the location of the base unit and how the telescopic aerial is positioned.

1. LOCATE THE BASE UNIT



Install the base unit as high in the house as possible, preferably in an upstairs room, and central to the area to be covered:

close to a telephone point
close to a 10 amp mains socket.

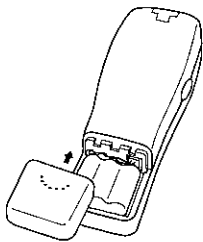
Poor installation or interference from other equipment is the cause of most apparent cordless telephone faults.

Avoid locations which are close to large metallic objects such as radiators, metal pipes or window frames and electrical appliances such as cookers, TV sets, etc., which may cause interference.

WALL MOUNTING

The base unit can be wall mounted, if required. A bracket and screws are provided for this purpose (see page 20).

2. FIT HANDSET BATTERY



CONNECT BATTERY to the port in battery compartment, ensuring RED wire is on right hand side.

CAREFULLY FOLD THE BATTERY WIRES so that they fit neatly in the top of the compartment.

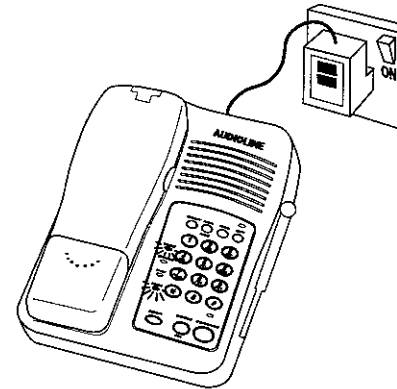
REPLACE BATTERY COVER by sliding into locking hole on handset, ensuring you do not trap the battery wires.

PART 1: Charging The Phone

5

From new, THE HANDSET BATTERY MUST BE CHARGED FOR 14 hours, otherwise it will not function correctly.

3. CHARGE HANDSET



CONNECT JACK PLUG TO REAR OF BASE UNIT AND CONNECT POWER ADAPTOR TO THE MAINS

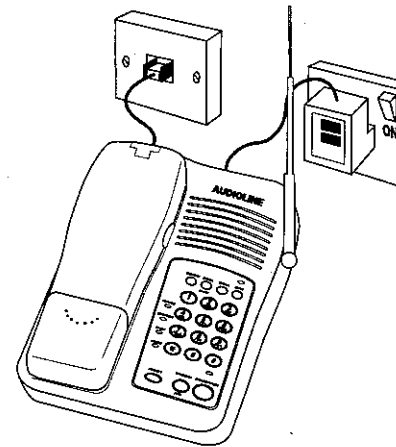
PLACE THE HANDSET ONTO THE CRADLE.

SWITCH ON THE POWER AT THE MAINS. (charge LED will illuminate)

LEAVE FOR 14 HOURS

DO NOT LIFT HANDSET OR PLUG INTO TELEPHONE SOCKET DURING THE CHARGING PERIOD.

4. CONNECT TO TELEPHONE SOCKET



CONNECT TELEPHONE PLUG TO TELEPHONE SOCKET ONLY AFTER 14 HOUR CHARGE.

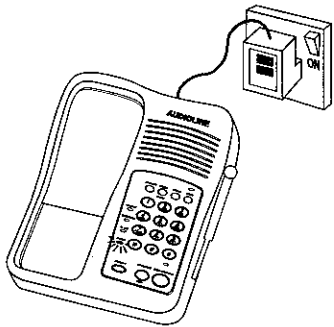
This telephone is pre-set to Tone dialling

It is important that the Base Unit aerial is aligned vertically and fully extended for best performance.

IF THE TELEPHONE LINE CONTAINS AN UNACCEPTABLE LEVEL OF NOISE, RE-SITE THE BASE STATION OR ADJUST THE AERIAL.

PART 1: Handset Battery Care

6



AFTER INITIAL CHARGING the power adaptor must remain connected to the mains and mains power switched on. It is recommended that the handset is left on the cradle overnight, ensuring a fully charged battery and maximum 'in use' time.

If the phone is not to be used for a substantial period of time, i.e., holidays, disconnect the mains power adaptor. When power is re-connected it will be necessary to re-charge the handset for 14 hours. Any stored memories may have to be re-programmed.

THE BATTERY SHOULD HOLD ITS CHARGE for about 30 days when off the base unit, depending on how often the handset is used.

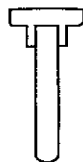
TO MAINTAIN OPTIMUM CONDITION, allow handset battery to fully discharge approximately every 4 months. For example, wait until the BATT LOW LED flashes on the handset, then replace the handset on the Base Unit and re-charge for 14 hours.

BELT CLIP

If required, the handset can be attached to a belt.



1. Push T-clip on the top of the handset upwards and remove.

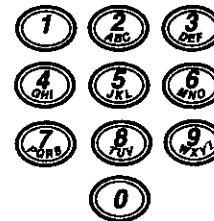


2. Insert belt clip.

To remove belt clip: push and hold the small square release mechanism at the top of the clip away from the phone and push clip upwards.

PART 2: Handset Calls

7



TO MAKE A CALL

1. **PRESS TALK button**
In-use LED on handset and on base unit will light.

Note: If you press the Talk button when the handset is out of operating range, the In-use LED will flash for approximately 10 seconds and you will hear an error tone.

2. **LISTEN FOR DIAL TONE.**

3. **DIAL TELEPHONE NUMBER.**

4. To finish the call:

- (a) If you do not wish to return the handset to the Base Unit, just press the Talk button again. The In-use LED will go out.
- (b) There is no need to press the Talk button if you replace the handset onto the base unit.

TO RECEIVE A CALL

1. **PRESS TALK button.**
In-Use LED will light on handset and on base unit.

If the handset is on the base unit when the phone rings, the phone will automatically switch to talk mode when lifted.

BATTERY LOW WARNING

If the battery is low when attempting to make a call, the Batt Low LED will flash and you will hear some beeps and the call cannot be made.

If the battery is low during a telephone conversation, you will hear periodic beeps and the Batt Low LED will flash. The call will be disconnected automatically 4 minutes (approximately) after the initial warning. IT IS RECOMMENDED THAT YOU RE-CHARGE THE HANDSET FOR 14 HOURS to ensure maximum "in use" time (see page 5).

SPEAKERPHONE



TO MAKE A CALL

1. **PRESS SPEAKERPHONE button on base.**
Speakerphone LED will illuminate.
2. **LISTEN FOR DIAL TONE.**
3. **DIAL TELEPHONE NUMBER ON BASE UNIT KEYPAD.**
4. To finish the call: **PRESS SPEAKERPHONE button.**

Adjust volume control on the right hand side, if required.

TO RECEIVE A CALL

1. **PRESS SPEAKERPHONE button on base.**
Speakerphone LED will illuminate.

TO SWITCH FROM SPEAKERPHONE TO HANDSET

1. **PRESS TALK button on HANDSET.**
In-Use LED will illuminate.
2. **PRESS SPEAKERPHONE button on base.**
(the call will now be available on the handset)

TO SWITCH FROM HANDSET TO SPEAKERPHONE

1. **PRESS SPEAKERPHONE button on base.**
Speakerphone LED will illuminate.
2. **PRESS TALK button on HANDSET.**
In-Use LED will extinguish and the call will be available on the speakerphone.

HANDSET VOLUME CONTROL

If the handset earpiece volume is too low, during an incoming call, the sound level can be boosted as follows:

Press the ▲ (3 steps) button on the side of the handset to increase the volume.

Press the ▼ (3 steps) button again to return to normal volume.

When the call is terminated, the volume level will automatically reset to the normal level.

CHANNEL



CHANNEL BUTTON

If interference is experienced during your call, the channel can be changed by simply *pressing the CHANNEL button*. A beep will confirm the channel change.

Note: Two beeps indicate that the channel has not been changed.

REDIAL



LAST NUMBER REDIAL

You can redial the last number dialed irrespective whether the call was initiated on the handset or the base unit.

Either: *Press the TALK button on the handset and then press the REDIAL button.*

Or: *Press the SPEAKERPHONE button on the base and then press the REDIAL button.*

The number will dial automatically and will be retained in the memory until another number is dialed.

Extra facilities when connected to a PABX (Private Automatic Branch Exchange) or subscribing to Network Operator services.

RECALL

The Recall Button will allow you to access other PABX facilities and advanced optional features available at the new digital telephone exchanges. Your Network Operator will advise you of these facilities.

RECALL SETTING

The CDL310 recall setting is Timed Break Recall.



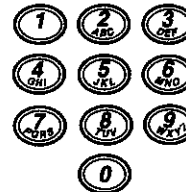
CALL WAITING

Your telephone lets you take advantage of the Call Waiting service supplied by Telstra. If you subscribe to Call Waiting...

1. When a call comes in while you are on the phone, you will hear the Call Waiting beeps.
2. Press the CALL WAITING button. The first caller is put on hold and you talk to the second caller.
3. To toggle between callers keep pressing the call waiting button.
4. Press the TALK button when you have finished talking to both callers.

Note: You must be a subscriber of Telstra Easycall™ for this to operate. Contact your local Telstra office or ring 132200 for details on becoming a subscriber. Call Waiting will only operate in Tone dialling mode.

A memory index sticker is provided for you to record stored numbers on the handset.



Keypad digits

Telephone numbers/PIN numbers stored in different memory locations can be dialled one after another by simply pressing the memory button then appropriate memory location buttons during dialling.

You can store up to 10 frequently used telephone numbers (max. 24 digits per number) in the handset or the base unit for quick and easy dialling.

MEMORY STORAGE

1. Ensure In-use LED is NOT ILLUMINATED.
2. **PRESS MEMORY button** (In-use LED will flash).
3. **DIAL NUMBER** you wish to store.
4. **PRESS MEMORY button**
5. **PRESS KEYPAD DIGIT**, 0-9 on the handset where you wish to store the number. *(1 long beep and 1 short beep will confirm programming).*

- To store other telephone numbers repeat the procedure but use a different keypad digit as your number store location.
- To change a stored number, repeat the memory storage procedure.
- *If you are connected to a PABX which gives a secondary dial tone before allowing further dialling it may be necessary to insert a two second pause between digits, press the REDIAL Key. Each pause entered uses one of the available digits.*

MEMORY DIALLING

1. **PRESS TALK or SPEAKERPHONE button** (In-use LED will illuminate)
2. **PRESS MEMORY button.**
3. **PRESS KEYPAD DIGIT** 0-9 where the number is stored. *The number will be dialled automatically.*

The handset and the base unit can be used to communicate with each other.

An intercom call is not charged for by your Network Operator.

The Intercom/Find button on the base can be used to locate a misplaced handset.

FROM HANDSET TO BASE UNIT

1. **PRESS INTERCOM button on HANDSET**
The base unit will ring three times in cycles of four rings.
2. **PRESS INTERCOM button on BASE UNIT while ringing and conversation can begin.**

FROM BASE UNIT TO HANDSET

1. **PRESS INTERCOM button on BASE UNIT**
The handset will ring three times in cycles of four rings.
2. **PRESS INTERCOM button on HANDSET while ringing and conversation can begin.**

ENDING AN INTERCOM CALL

1. **PRESS INTERCOM button on HANDSET or BASE UNIT** (a confirming beep will be heard).

INCOMING CALL DURING INTERCOM OPERATION

If during intercom operation, an incoming call is received, the base unit will ring and the ringing tone will be heard in the handset. To take the call, press the TALK Key on the handset or SPEAKERPHONE button on the base unit.



ON OFF



BASE RINGER

1. Set the switch at the rear of the base unit to either **ON/OFF**.

If you select the OFF position, the base unit will not ring when a call is received.

HANDSET RINGER

The handset ringer can be switched off temporarily.

1. Press and hold the # button on the handset until you hear a beep.

The handset will not ring when you receive a call. The ringer will be re-instated automatically once the Talk button has been pressed.

Note: From now the ringers are set to ON.

The intercom function is not affected by the position of the switch.

PART 3: Fault Finder

14

All cordless telephones are radio transmitters and receivers and as such are subject to interference from a wide range of sources.

- Relocating of the base unit often improves reception substantially.
- As with all radio equipment; passing cars and motorcycles, TV's , computers, fax machines and other electrical equipment can cause noise if they are not adequately suppressed.

FAULT	CHECK/ACTION
No Dialling Tone:	<ul style="list-style-type: none">♦ HANDSET IS PROPERLY CHARGED
Will not dial out:	<ul style="list-style-type: none">♦ Base unit is plugged into AC adaptor and mains power is switched on♦ Telephone cord is plugged into wall socket.♦ In-use LED is lit.♦ If In-use LED on base flashes continuously, replace handset on charger for 10 seconds and re-try. <i>Replace handset on base for 10 seconds and re-try. If unsuccessful, disconnect handset battery for 10 seconds and switch off mains power to base unit. Switch and replace handset battery and place on base unit for 10 seconds, then re-try.</i>
Handset In-use LED does not illuminate:	<ul style="list-style-type: none">♦ Replace handset on base unit/charger for 10 seconds. Then try again. If this is still unsuccessful, the handset battery may be discharged. Leave on base for 14 hours and re-try.
Interference and Noise on the line:	<ul style="list-style-type: none">♦ Press Channel button to select another channel.♦ Handset is within range of base unit.♦ Base aerial is vertical and fully extended and not positioned near metalwork, fridges, TV sets, etc.♦ Try a new location for base unit.

PART 3: Fault Finder

15

FAULT	CHECK/ACTION
Audible beep from handset and/or Batt Low LED illuminates:	<ul style="list-style-type: none">♦ Battery is discharged. Re-charge for 14 hours.
Telephone will not ring:	<ul style="list-style-type: none">♦ Base unit is plugged into mains and power is switched on. Power indicator is illuminated.♦ HANDSET BATTERY IS CHARGED (see page 5)♦ Ringer is switched ON at the base unit (see page 13)♦ Handset ringer is not programmed off.♦ Total of REN numbers does not exceed 3
During conversation interference/beeps are heard:	<ul style="list-style-type: none">♦ Press Channel button and try again.♦ If this problem persists, relocate the base unit away from electrical equipment and large metallic objects.♦ Battery is becoming low.♦ Out-of-range warning - walk back towards base.
Range poor: Handset beeps:	<ul style="list-style-type: none">♦ If you press the Talk Key when the handset is out of operating range of the base station, you will hear two beeps from the handset.

The range of a cordless phone can be reduced by the presence of conductive objects, walls etc., in and around its transmission path. These objects can give rise to dead spots where transmission is impossible. It is normally possible to improve the performance to a satisfactory level by moving the base unit. Because of the variability of environment encountered, it is not possible to give a range which will be met in all circumstances. However, the range in normal circumstances is more than adequate for use in and around the average home.

PART 3: Battery Replacement

16

The rechargeable batteries in the handset will last for up to two years or 600 charge cycles without noticeable loss of performance. However, like all rechargeable batteries, their ability to hold a charge will reduce eventually. You will need to replace the battery if:

1. The battery will not hold a charge for more than two hours, even after an overnight recharge.
2. There are signs of leakage.

How to change the rechargeable battery:

1. Slide the battery compartment cover down and remove it from the handset.
2. Gently pull the battery wires until the wire connector comes out of the socket.
3. Remove the battery pack. Insert and connect the new battery pack.
4. Replace the battery compartment cover.

IT IS RECOMMENDED THAT YOU RECHARGE THE HANDSET FOR 14 HOURS to ensure maximum "in use" time.

Important note: *Dispose of the old battery safely. Do not dispose of in a fire.*

Accessories

To order any replacement parts please contact the Consumer Support Department (02) 9674 6099.

Payment can be made by most major credit cards, cheque or money order made payable to Doro Australia Pty Ltd. Please allow 14 days for delivery.

NOTE: The CDL 310 can only be supplied power by an Audioline plug pack PA893 (Approval No. N/12462).

PART 3: Technical Information

17

CORDLESS TELEPHONE

Are devices that are powered from the mains supply and rechargeable batteries. Therefore it may not be possible to receive or make calls (including emergency 000) if there is:

- ♦ Mains power failure
- ♦ Discharged handset batteries
- ♦ Strong local radio frequency interference

REN Number

The **REN number of the CDL310 is 1.** The REN number (Ringer Equivalence Number) is designated to represent the amount of power that a telephone draws from its telephone line. Most normal exchange lines have a REN capacity of 3. If you wish to connect any other equipment to the line, simply add up the REN numbers of each piece and ensure that the total does not exceed 3. If you exceed a REN number of 3 on your line, one telephone may not ring.

Special features

NICKEL METAL HYDRIDE (NIMH) BATTERY

The CDL310 uses an environmentally friendly NIMH battery. There are no toxic or hazardous materials like cadmium, mercury or lead used in the battery cells or during manufacture. By using this battery technology the CDL310 is virtually free of "Memory Effect" that the commonly used Nickel Cadmium batteries suffer from*. Giving you the convenience of placing the handset on charge when you wish to, as opposed to waiting for the battery low indication and consequently an unuseable handset.

Should the battery develop this affect over time full capacity can be restored by simply allowing the battery to fully discharge then cycle the battery i.e. fully charge/fully discharge twice.

10 CHANNEL AUTO SCAN

10 channels are available for operation. Some cordless phones can access only 1,2 or 4 channels. Audioline cordless phones scan all 10 channels automatically - to give you the clearest line every time.

DIGICLEAR™ PLUS NOISE REDUCTION™

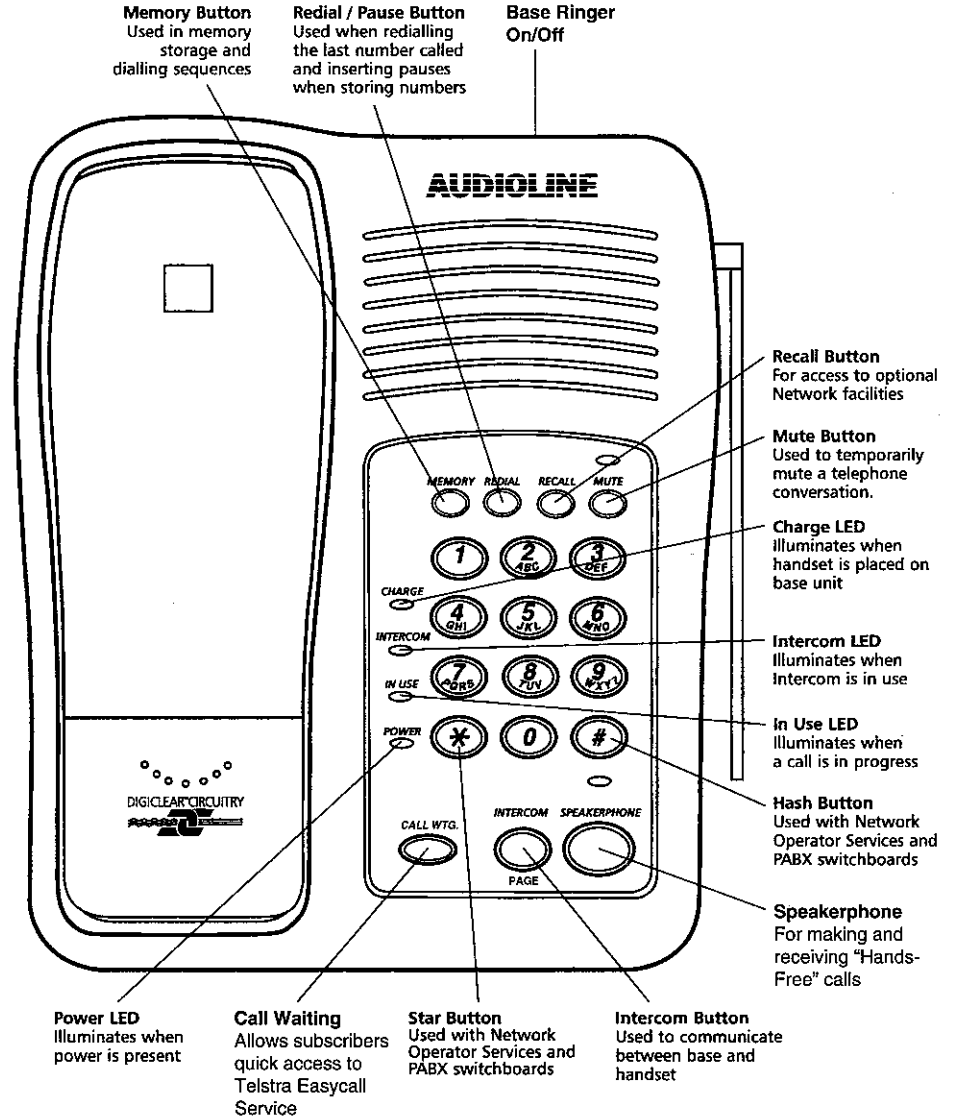
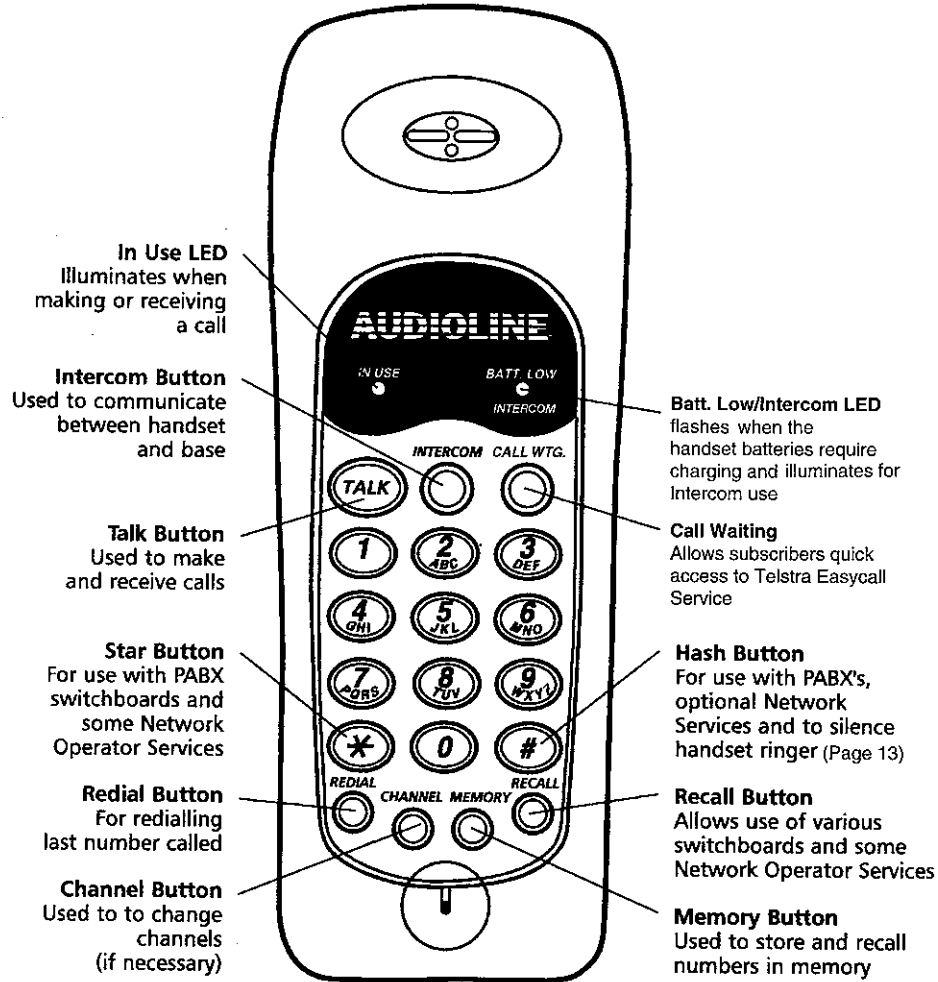
Digiclear Plus Noise Reduction™ significantly cuts down background interference such as static, hiss and distortion which reduces performance and usability in standard cordless phones. Digiclear Plus Noise Reduction™ uses a special signal expansion and compression circuit to virtually eliminate unwanted noise leaving conversation really crisp and clear.

DYNAMIC DIGITAL CALL GUARD

The handset and base unit of your CDL310 are identified with an electronic code number. When turned on and throughout a call, the handset and base send a digital code to each other. This continuous electronic "handshaking" protects you from another cordless phone accessing your telephone line. The CDL310 has more than 65,000 different code combinations.

HEARING AID FACILITY

The CDL310 can be used with suitable hearing aids which are switched to the 'T' position. (Check your hearing aid instructions for this mode of operation).

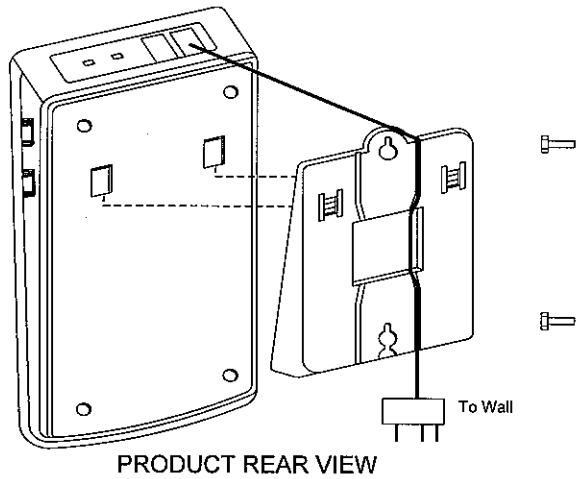


PART 3: Wall Mounting Your CDL310 20

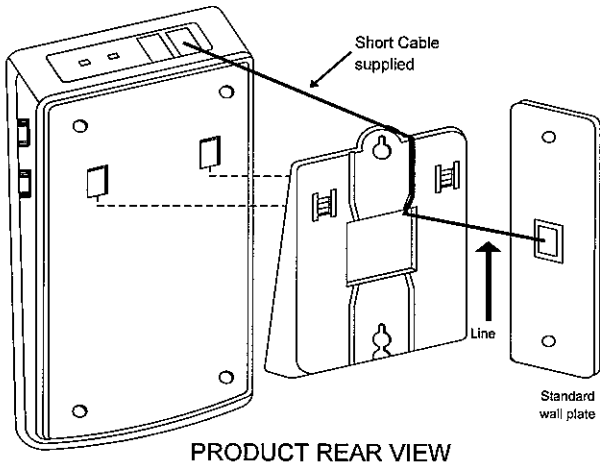
(Guide only)

INSTALLATION: Refer to enclosed wall bracket installation guide for complete fitting instructions.

CAUTION: Internal wiring should only be carried out by a licensed installation technician.



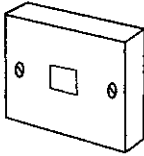
PRODUCT REAR VIEW



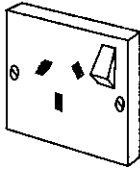
PRODUCT REAR VIEW

CDL310 QUICK SET-UP GUIDE

1



TELEPHONE
SOCKET



MAINS
POWER



Site base unit close to:

- a telephone socket.
- a 10 amp mains socket.

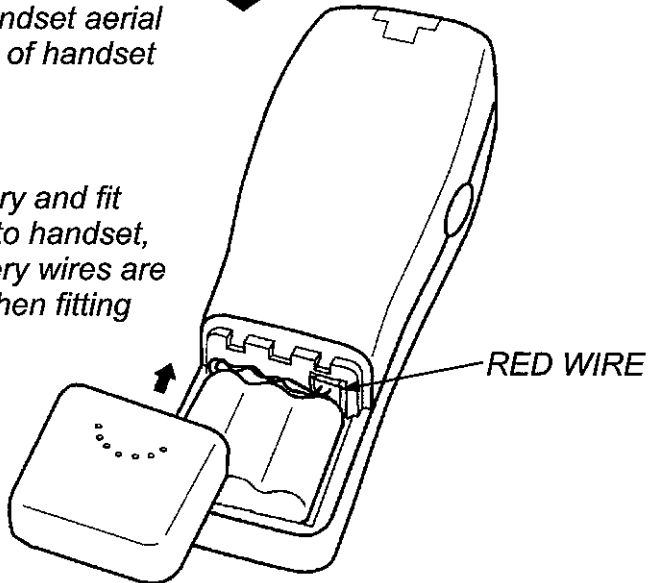
Do not site near metallic objects or electrical equipment.

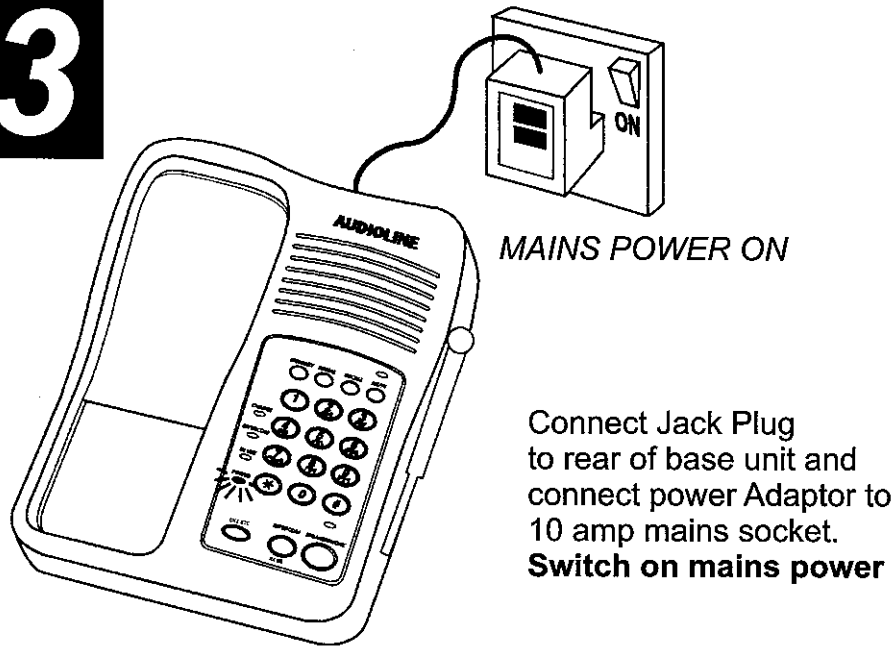
Ideally, position in an upstairs room, central to the area to be covered.

2

Fit handset aerial to top of handset

Connect battery and fit battery cover to handset, ensuring battery wires are not trapped when fitting the cover.



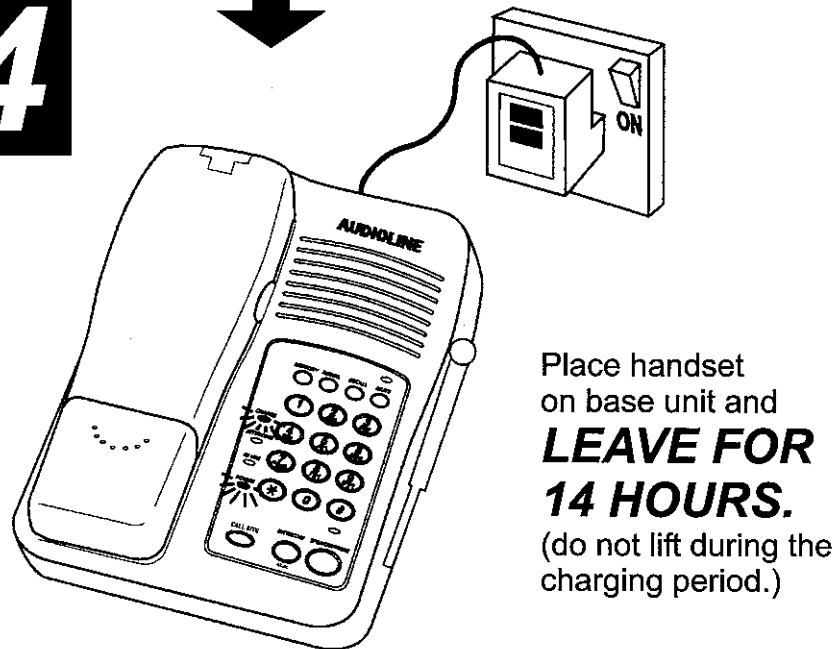
3**MAINS POWER ON**

Connect Jack Plug to rear of base unit and connect power Adaptor to 10 amp mains socket. Switch on mains power

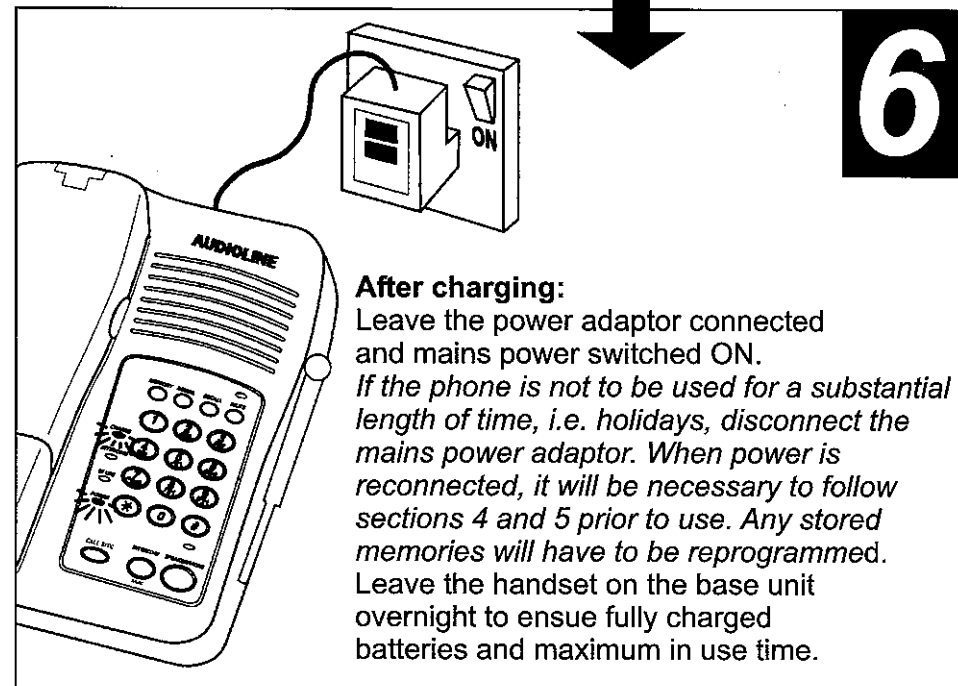
5**RAISE AERIAL**

After 14 HOURS, connect to telephone socket and raise aerial.

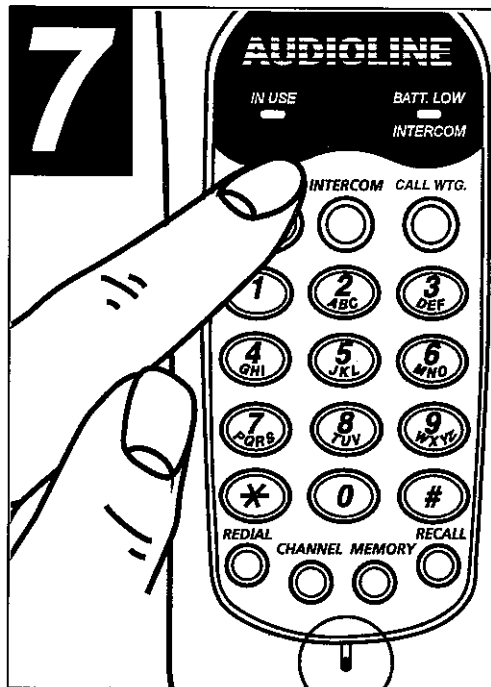
PHONE IS NOW READY FOR USE

4

Place handset on base unit and **LEAVE FOR 14 HOURS.** (do not lift during the charging period.)

6**After charging:**

Leave the power adaptor connected and mains power switched ON. *If the phone is not to be used for a substantial length of time, i.e. holidays, disconnect the mains power adaptor. When power is reconnected, it will be necessary to follow sections 4 and 5 prior to use. Any stored memories will have to be reprogrammed.* Leave the handset on the base unit overnight to ensure fully charged batteries and maximum in use time.



To make a call:

Press TALK

(In use LED illuminates)
and dial number.

To receive a call:

If handset is OFF base unit,
Press TALK.

If handset is ON base unit,
Lift handset.

(The call will be connected
automatically).