CLARITY
Amplify Your Life

XL40D

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XL40D

The Clarity Professional XL40D offers our patented **Digital Clarity Power** that uses digital technology to enhance the volume and clarity of your phone conversations. Up to 50 decibels of amplification, the XL40D is ideal for those with severe hearing loss or low vision.

This is also a **ClarityLogic** enabled telephone. This allows the phone to communicate directly with a Clarity representative during a troubleshooting call for accurate and immediate results.

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Major Upgrades

New Features

- Upgraded from 40dB to 50dB
- Digital Clarity Power™
- ClarityLogic ™ enabled
- Four Tone Settings: Low Frequency, Flat Amplification, Clarity Power and MBC Low
- Talking Keypad
- Speakerphone
- Outgoing Speech Amplification up to 15 decibels
- Smart Plex Technology
- Bed Shaker Port

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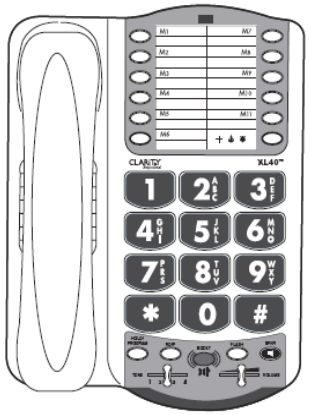
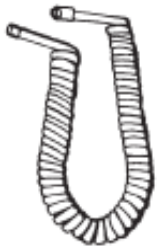
Parts Checklist
XL40D





- XL40D Base
- Handset
- Mounting Bracket
- Coiled Handset Cord
- Telephone Cords
- AC Adapter
- User Guide
- Quick Start Guide

Product Layout
XL40D

Volume Slider

Boost Button

Tone Selector Switch

Speaker Button

Memory Buttons

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Product Layout
XL40D

1. **Voice Mail/Missed Call Indicator**
   The light will illuminate green for a new Voice Mail. When there is no new voice mail the light will display red when the Ringer is OFF.

2. **Missed Call Indicator**
   This light will illuminate when there is a missed call.

3. **Visual Ringers**
   The visual ringers will flash to alert of an incoming call.

4. **Low Battery Indicator**
   This light will illuminate to indicate the back up battery is bad.

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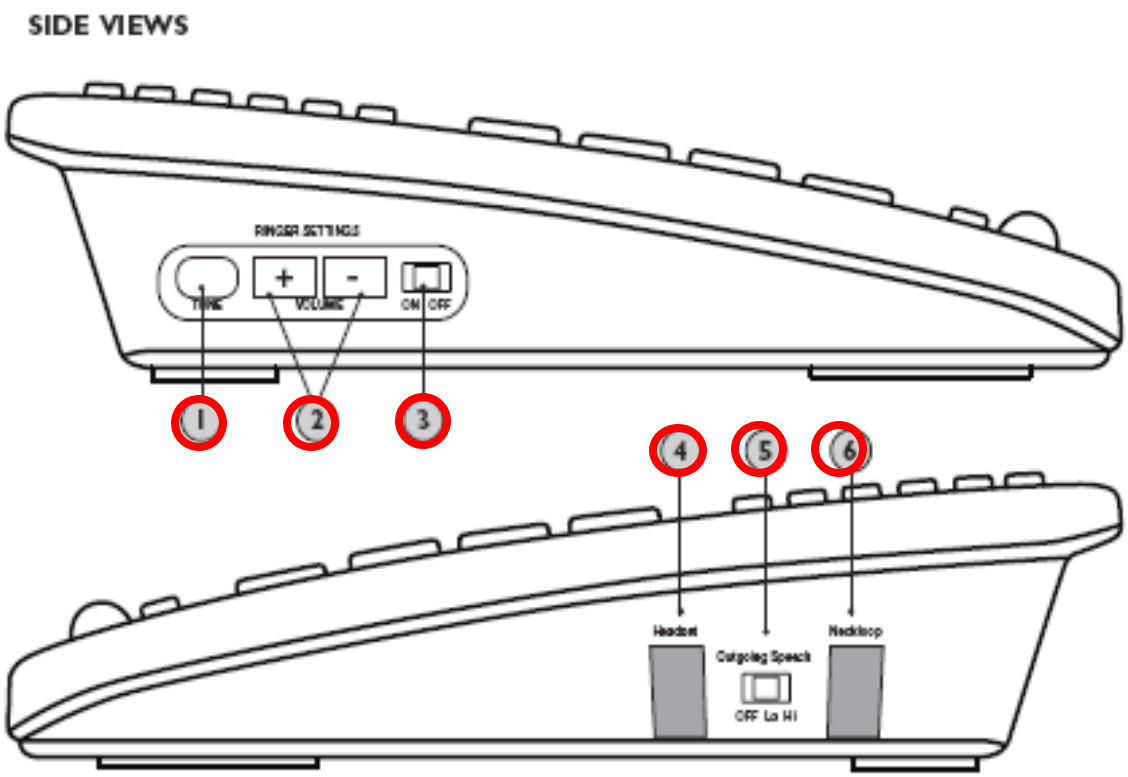
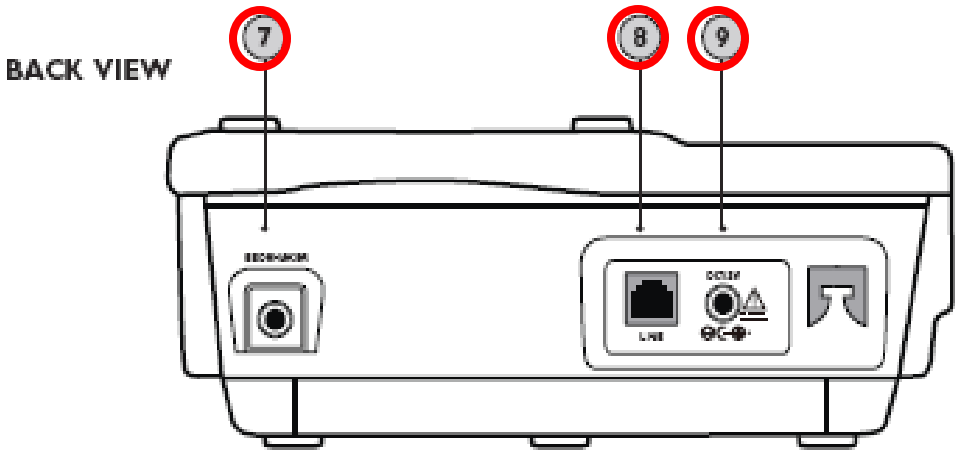
Product Layout
XL40D



1. Ringer Tone
2. Ring Volume
3. Ringer On/Off
4. Headset Port
5. Outgoing Speech Amplification
6. Neckloop Port

Product Layout
XL40D



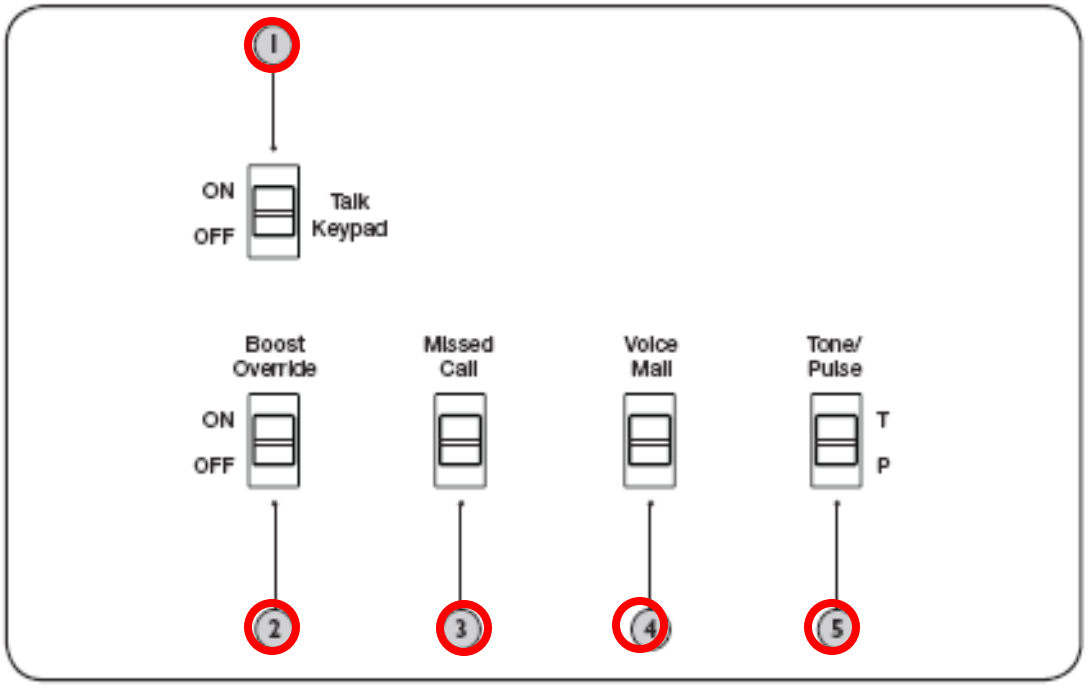
7. Bedshaker Port

8. Phone Line

9. AC Adapter

Product Layout
XL40D

Bottom View



1. Talk Keypad Switch
2. Boost Override Switch
3. Missed Call Switch
4. Voice Mail Switch
5. Tone/Pulse Switch

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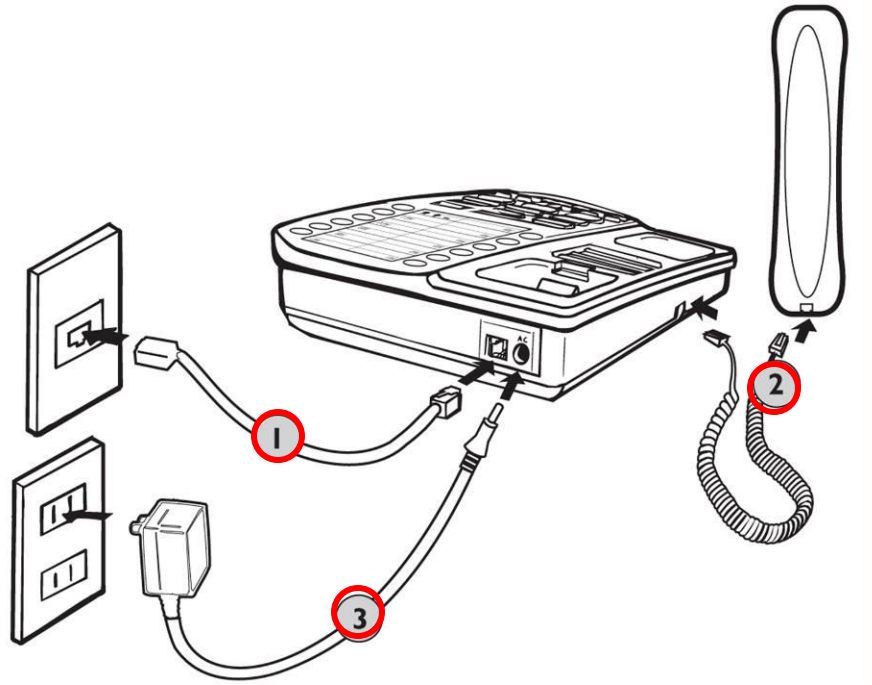
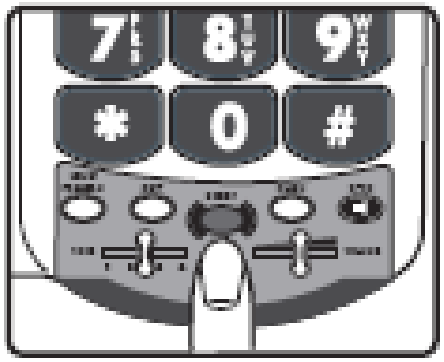
Installation
XL40D



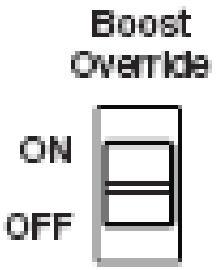
1. Connect telephone line to “Line” jack of phone and to the wall jack
2. Connect handset cord to telephone
3. Connect AC Adapter to telephone, and then to wall outlet.

DCP: Boost
XL40D



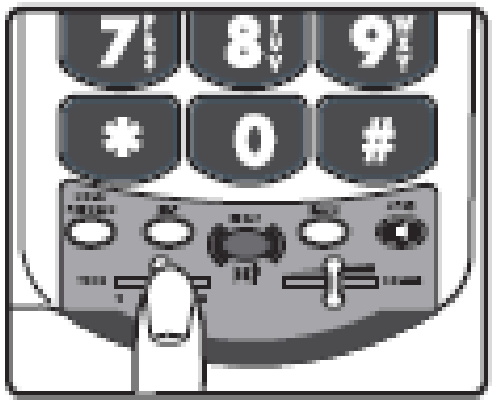
The BOOST button controls the loudness of the receiver. Once the BOOST button is pressed, an extra level of amplification is added over the entire range of the Volume Control.

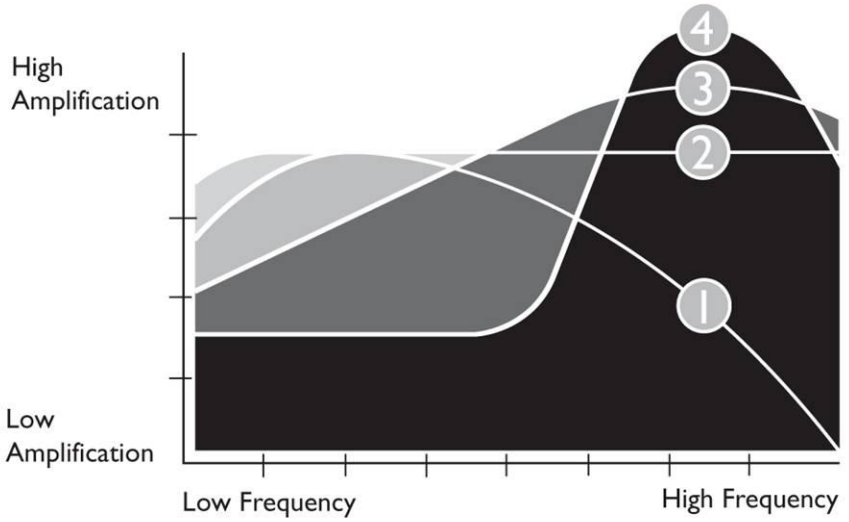
BOOST also activates the Tone Settings



On the bottom of the XL40D, there is a Volume Reset Override switch. When this is set to “On” the Boost function is automatically enabled every time the phone is picked up.

DCP: Tone Settings
XL40D

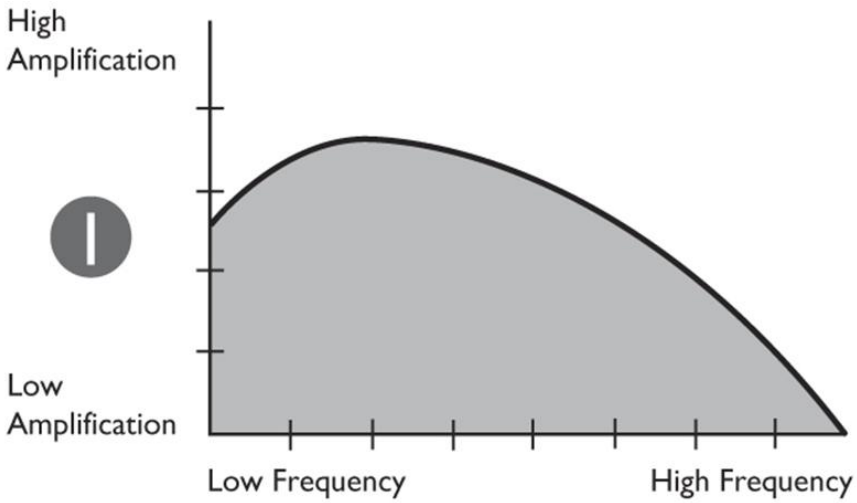




The XL40D offers four different tone settings to provide an experience that may be customized to fit a specific users need. The illustration above shows how the four settings relate to each other and the amount of amplification they give to the different frequencies of sound.

The best way to choose between the settings is to listen to them all and decide which one provides the best telephone conversation experience.

DCP: Tone Settings
XL40D

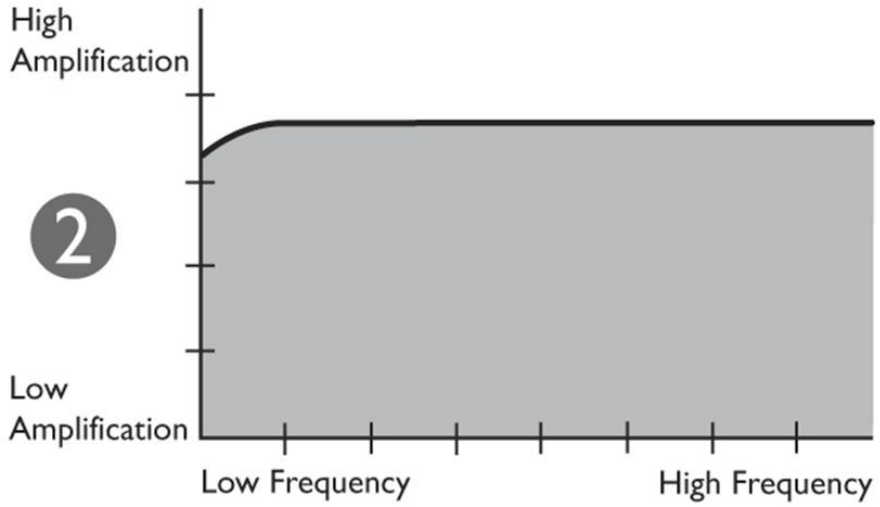


The first tone setting is one that emphasizes the low frequency sounds.

This is for those who have a hard time hearing lower pitched sounds.

This type of hearing need is common with those who have noise-induced hearing loss.

DCP: Tone Settings
XL40D

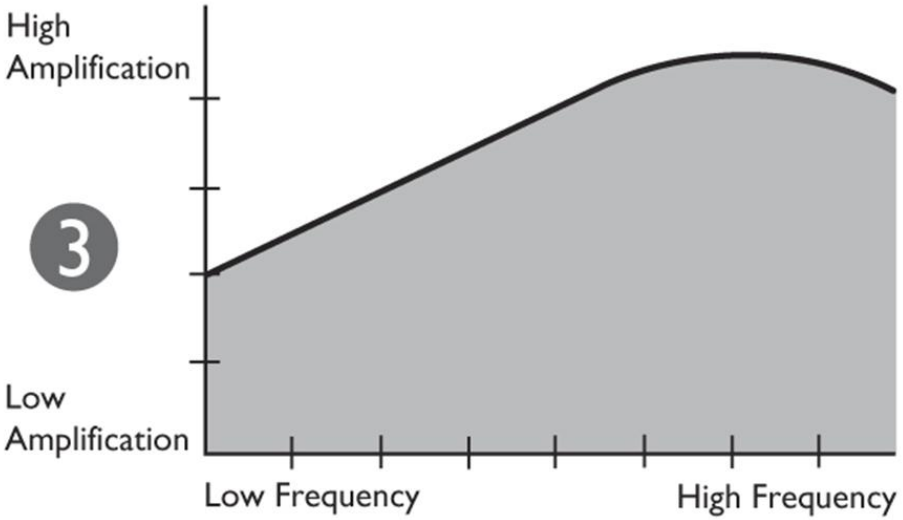


The second tone is a flat amplification of all sounds.

For the user who wants full volume amplification for every type of sound.

Suggested if the user wears a digital hearing aid while using the phone.

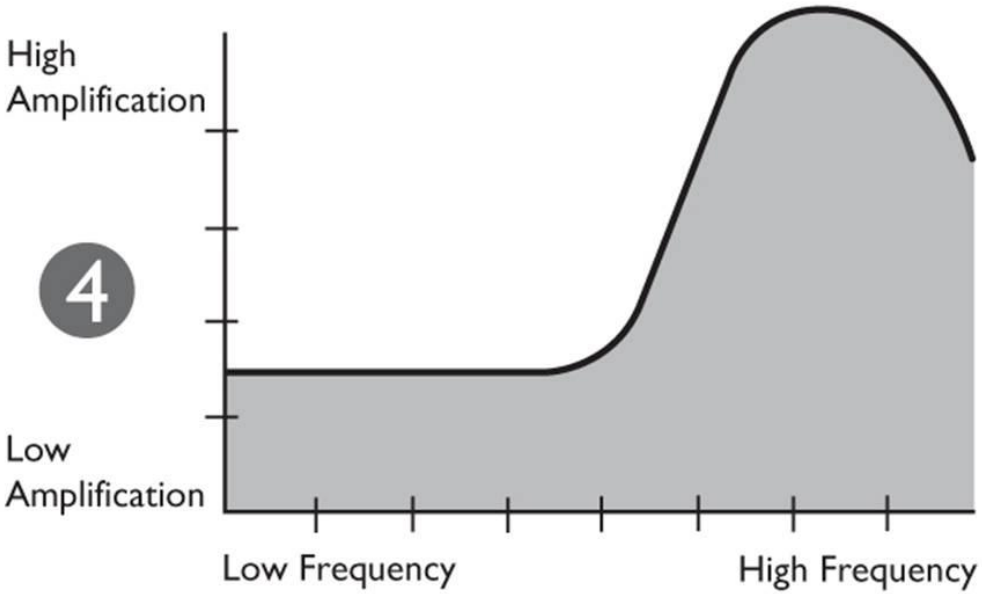
DCP: Tone Settings
XL40D



The third tone setting is our set Clarity Power that begins to focus more on the higher frequency sounds and add speech intelligibility.

It is a medium between tone setting two (2) and four (4).

DCP: Tone Settings
XL40D



The fourth tone setting provides full emphasis on speech intelligibility using Clarity's Multi-Band Compression.

This is for the user who may be able to hear the words being spoken, but does not understand or cannot distinguish what is being said.

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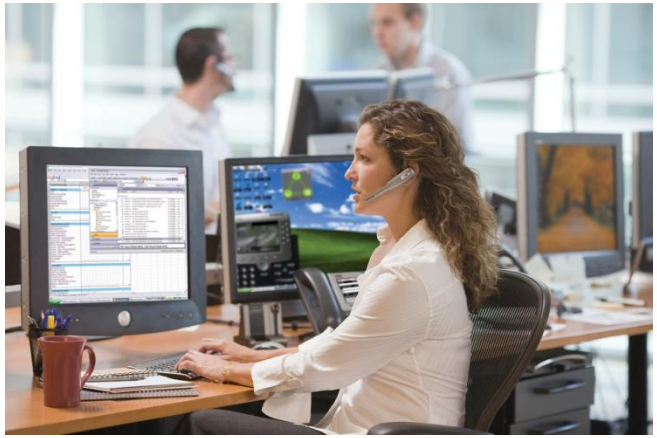
ClarityLogic
Introduction

A simplified and easy to use customer support service.

1. While talking to a Clarity representative, the telephone sends information such as its model name and settings to Clarity.
2. The representative is immediately aware of the type and current settings of the phone. This will allow any troubleshooting call to be quick and simple, helping you find exactly what you are looking for.

Just call 1 877 LOGIC24 (1 877 564-4224) to find out how Clarity is there to make life easier.

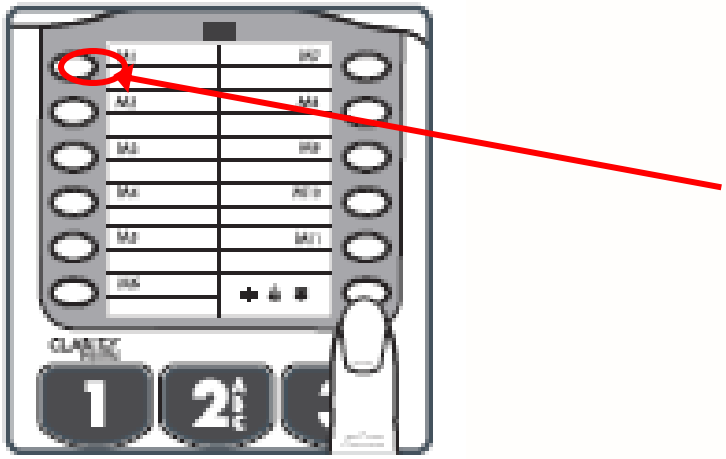
ClarityLogic
System Process



1. You call 1-877-LOGIC24 from your XL40D
2. The call travels a standard telephone line to our server
3. The server then answers the call and evaluates the status of the phone and then sends the voice and gathered data to a representative.
4. The representative answers the call and views the information on their computer screen at which point they can make appropriate changes or accurately advise the caller.

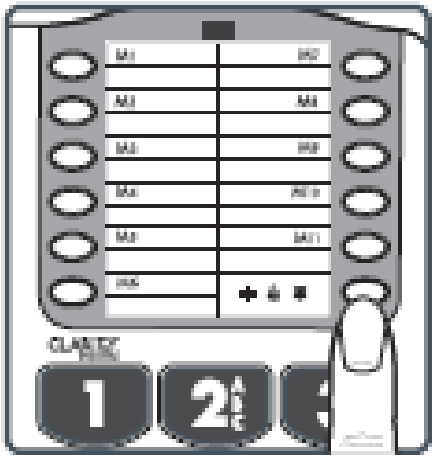
Best of all: to you, it is just a standard telephone call!

ClarityLogic
Memory Dial



For your convenience, Clarity has pre-programmed the customer support number into M1 of the phone. If you do not wish to have this number stored in your phone, any new number can be programmed to that button.

Program Memory
XL40D



Phone numbers can be stored into the phones memory to enable one button dialing. The phone directory allows space for twelve (12) different phone numbers. One space is marked to be used to store an emergency number.

1. Pick up the handset.
2. Press and hold the desired memory location. A beep will sound.
3. Enter the telephone number you wish to store.
4. Press the Hold/Program button to save the desired number.
5. Place the handset back into the cradle.

Notification Accessory
XL40D

The Bed Shaker is an optional accessory that can be connected to the phone and will begin to vibrate when the phone rings.

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Technical Specifications
XL40D

Amplified dB Level
Up to 50 decibels

Tone control range
Full range: 300 to 3000Hz using one slide control.

Dimensions
Size: 9 1/2” x 7” x 3 1/4” (24.13cm x 17.78cm x 8.25cm)
Weight: 2.52 lbs. (1.14 kg)

Power Requirements
AC Adapter: 9VDC, 500 mA
Batteries: 4 AA alkaline batteries (not included)