

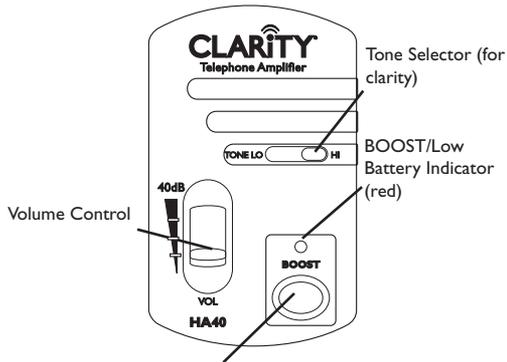
# HA40 PHONE AMPLIFIER USER GUIDE

## Important Safety Instructions

When 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:

- Read and understand all instructions.
- Follow all warnings and instructions marked on the product.
- Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Do not use this product near water, for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire as they may explode. Check with local codes for possible special disposal instructions.

## Features



**BOOST Button**  
Press and hold it down while the other party is talking for extra amplification and to cut off background noise. **Must release to talk.**

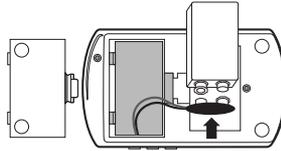
## Volume Control and the Boost Button

Using the Volume control without the Boost feature can provide up to 30dB of gain. Press and hold the BOOST button for the extra 10dB of amplification.

## Power Requirements

The HA40 is powered by a 9-volt battery (provided). Install a 9-volt battery in the battery compartment before operation.

**Important:** Always disconnect the HA40 from the telephone before replacing the battery.



## Installation

1. Unplug the handset cord from your telephone base. Insert this plug into the jack at the top of the HA40 Handset Amplifier.
2. Connect the HA40 Handset Amplifier to your telephone base.
3. Pick up the handset. If there is a dial tone, you have installed the HA40 Handset Amplifier correctly.

**Note:** The HA40 Handset Amplifier cannot be used with telephones with dialing pads in the handset.

## Operation

Depress BOOST button and adjust Volume Control to desired listening level.

Using the Volume control without the Boost feature can provide up to 30dB of gain. Press and hold the BOOST button for the extra amplification it will provide in giving you up to 10dB more.

## Volume Control

Adjust the volume to the most comfortable listening level by moving the volume control slide switch.

For tone control, move the Tone Selector switch right or left to a position that allows you to hear clearly. This will give you the optimum speech clarity so that you can distinguish similar sounds such as "chair" and "share."

## Automatic Power On/Off

The HA40 Handset Amplifier has a voice detection sensor for the automatic POWER ON/OFF control. If the phone line remains silent for more than 10-15 seconds (for instance, when you are on "HOLD"), the amplifier will "fade out" and return to its Standby mode to reduce power consumption and preserve the battery. As soon as any voice or noise is detected, the Amplifier will turn "ON" again.

## Clarity® Power™ Technology

Ensures the user that high frequency sounds are amplified more than the lower frequencies. Conversations will not only be louder, but clearer and easier to understand.

## Boost Button

Press and hold down the BOOST button for additional amplification when listening. This also eliminates any background noise and feedback by muting the microphone in your handset. **You must remember to release the button when you speak so that the other party can hear you, then press and hold the BOOST button again when they speak.**

The BOOST button engages the amplifier and Clarity Power. The BOOST button will automatically reset to OFF upon hang-up. The BOOST button will need to be depressed with each phone call to restore settings.

## Boost LED

The BOOST LED will illuminate red when the Boost feature is activated.

## Battery Indicator

The battery indicator light comes on every time you lift your handset to indicate that the battery level is okay. If the indicator light does not come on, the battery needs to be replaced.

When the battery is drained, the handset will still be operable if you move the volume control switch to the minimum position. While at any other setting, the handset will not work when the battery is drained.

## Battery Life

The average battery life depends upon how you adjust the HA40 frequency level. For normal usage, an alkaline battery should last for 6 – 12 months.

## Troubleshooting

The HA40 Handset Amplifier is designed for long and trouble free operation. However, if any problem arises in using your telephone, disconnect the Handset Amplifier from the telephone. Reconnect the handset to the telephone. If the problem disappears, then your Handset Amplifier needs to be repaired. If the problem does not go away when you disconnect the Handset Amplifier, then the problem lies in your telephone or in your telephone line. Notify your telephone company of your problem or take your telephone to a repair center.

**SAVE THESE INSTRUCTIONS**

## FCC REGISTRATION INFORMATION

1. This equipment complies with Part 68 of the FCC Rules. On the back of this equipment is a label that contains, among other information, the FCC registration number and Ringer Equivalence Number (REN) for this equipment. If requested, provide this information to your telephone company.

2. The registration jack USOC for the equipment is RJ11C.

3. An FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See installation instructions for details.

4. The REN is useful to determine the quantity of devices that may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs of all devices should not exceed five (5). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

5. If your telephone equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. However, if advance notice isn't practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC if you believe it is necessary.

6. Your telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.

7. If you experience trouble with this equipment, please contact Customer Service Department for repair/warranty information. If your equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

8. This equipment may not be used on public coin service, provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

**This equipment complies with CAN/CSA C22. NO. 60960-03.**

The Load Number of the equipment is 0.0B.

**NOTICE:** The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective operational and safety requirements. The Department does not guarantee that the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

**WARNING:** Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of total load to be connected to a telephone loop which is used by the device to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the load numbers of all the devices does not exceed 100.

## WARRANTY & SERVICE

The following warranty and service information applies only to products purchased and used in the U.S. and Canada. For warranty information in other countries, please contact your local retailer or distributor.

### Limited Warranty

Clarity, a division of Plantronics, Inc. ("Clarity") warrants to the original consumer purchaser that, except for limitations and exclusions set forth below, this product shall be free from defects in materials and workmanship for a period of one (1) year from the date of original purchase ("Warranty Period"). The obligation of Clarity under this warranty shall be limited to repair or replacement, at Clarity's option, without charge, of any part or unit that proves to be defective in material or workmanship during the Warranty Period.

### Exclusions from Warranty

This warranty applies only to defects in factory materials and factory workmanship. Any condition caused by accident, abuse, misuse or improper operation, violation of instructions furnished by Clarity, destruction or alteration, improper electrical voltages or currents, or repair or maintenance attempted by anyone other than Clarity or an authorized service center, is not a defect covered by this warranty. Telephone companies manufacture different types of equipment and Clarity does not warrant that its equipment is compatible with the equipment of a particular phone company.

### Implied Warranties

Under state law, you may be entitled to the benefit of certain implied warranties. These implied warranties will continue in force only during the warranty period. Some states do allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

### Incidental or Consequential Damages

Neither Clarity nor your retail dealer or selling distributors has any responsibility for any incidental or consequential damages including without limitation, commercial loss or profit, or for any incidental expenses, expenses, loss of time, or inconvenience. Some states do not allow exclusion or limitation of incidental or consequential damage, so the above limitation or exclusion may not apply to you.

### Other Legal Rights

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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## How to Obtain Warranty Service

To obtain warranty service, please prepay shipment and return the unit to the appropriate facility listed below.

Please use the original container, or pack the unit(s) in a sturdy carton with sufficient packing material to prevent damage. Include the following information:

1. A proof-of-purchase indicating model number and date of purchase;
2. Bill-to address;
3. Ship-to address;
4. Number and description of units shipped;
5. Name and telephone number of person to call, should contact be necessary;
6. Reason for return and description of the problem. Damage occurring during shipment is deemed the responsibility of the carrier, and claims should be made directly with the carrier.

**CLARiTY**  
Amplify Your Life®

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