



ClearSounds®
Hear how good life can be

A50E

Expandable Amplified Handset



Installation Guide & User Manual

*The ClearSounds A50E is an expandable amplified handset for use with
ClearSounds A50 Amplified Cordless Expandable Telephone System
from ClearSounds Communications*

Thank you for selecting the A50E Expandable Amplified Handset from ClearSounds Communications. This manual is designed to familiarize you with the A50E Expandable Handset setup, registration and basic functions. For detailed operational instructions, please refer to the ClearSounds A50 User Manual.

Keep this manual for future reference.

Please save your sales receipt as proof of purchase in the event you need warranty service.

Please visit our web site at www.clearsounds.com to:

- **Register your product**
It's easy! Click on the Warranty Registration Tab, Complete the form and click "submit". It's that simple!
- **Download additional manuals and troubleshooting tips.**

(See back cover for details on warranty service.)

If you need assistance, please contact our Customer Solutions Hotline at: 877-784-1690.

IMPORTANT SAFETY INSTRUCTIONS

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not place this product near water (for example, near a bath tub, sink or swimming pool).
5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the casing are provided for ventilation. To protect it from overheating, these openings must not be blocked by placing the product on the bed, sofa, rug, or other similar surfaces. 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 supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.

9. Never push objects of any kind into this product through casing slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock.
10. Never spill liquid of any kind on the product.
11. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
12. Avoid using telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
13. Do not use the telephone to report a gas leak in the vicinity of the leak.

Installation & Operation

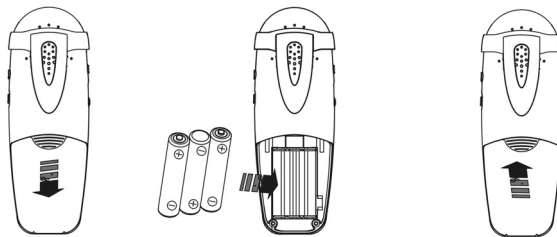
Component List

Your expandable handset system consists of an A50E HANDSET, CHARGER UNIT, BELT CLIP, 3 AAA NiMH RECHARGEABLE BATTERIES, AC ADAPTER AND OWNER'S MANUAL.

Setup Of The A50E Expandable Handset

1. No phone jack required.
2. Choose a location for the charger near an electrical outlet.
3. Plug the AC adapter into an electrical outlet and charger unit.
4. Install the 3 AAA NiMH batteries provided, as described below.

Installation Of Batteries In Handset




(Diagram #1) – Installing the batteries

1. Remove battery compartment cover by sliding it downwards.
2. Install new batteries. Be sure to observe battery polarity as imprinted on the base of the compartment (See diagram #1).
3. Replace the battery compartment cover by sliding upward until it clicks into place.

IMPORTANT! Only use AAA NiMH rechargeable batteries. DO NOT USE REGULAR ALKALINE OR CARBON BATTERIES!

Handset Battery Charging

Handset batteries **MUST** be connected before beginning initial charging!

1. Place the handset into the charger. The charge indicator LED on the charger will light RED.
2. **IMPORTANT:** The batteries in the handset must be fully charged for **24 hours** before using the telephone for the first time.
3. After the batteries are fully charged, check for dial tone by pressing the  button on the handset.

Fully charged batteries provide an average talk time of about 4 hours, or standby time of about 8 days. Talk time & standby time may vary depending on operating conditions.

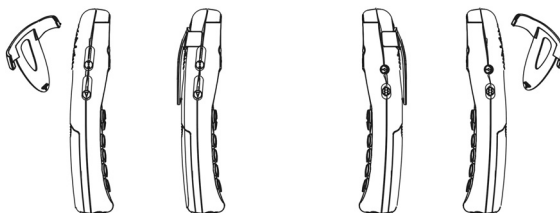
Low Battery Indicators

When the handset batteries get low during a call, there will be a warning tone and the low battery icon will appear on the Caller ID display. Simply place A50E handset into the charger to begin recharging. Make sure the contact points are touching and the charge indicator LED is lit RED.

The battery level can also be monitored via the battery charge icon. This icon appears while the phone is in standby mode and indicates the condition of the batteries.

Belt Clip Installation

You may choose to use the optional belt clip provided with your handset (*See diagram #2 below*).



(Diagram #2) – Install and remove the belt clip

1. To attach, slide the belt clip down onto the grooves. Press the tabs on the belt clip into the slots to attach.
2. To remove, lift one side of the belt clip with your thumbnail and push back.

Addendum

A50 HANDSET REGISTRATION

1 Begin with handsets fully charged for 24 hours. Remove all handsets from the charging bases, bringing all of them to the main base and setting them on the counter right next to the main charging base. (The handsets cannot be registered while they are in the charging base). Get ready for this 2-handed process.

2 Put your one finger on the PAGE button on the main base. Very important - - You must hold this button down during the whole registration process for all involved handsets without lifting it off. If the button is released, you must start over.

3 At the same time - - with your other hand, press and hold the "CH" button on the 1st handset until you hear 2 quick confirmation beeps.

4 Immediately move your hand to the next handset – without lifting the PAGE button, press and hold the "CH" button on the 2nd handset until you hear 2 quick confirmation beeps. (Repeat for 3rd handset if applicable – without lifting the PAGE button).

5 Release your hand from the PAGE button now on the main charging base.

6 Handset 1 should now show "HS-1" on the display. Handset 2 should now show "HS-2" on the display. (If you have a 3rd Handset, it will now show "HS-3").



7 You should now have a dial tone on all the handsets.


NOTE:

If any handset loses registration, then this process must be repeated for all handsets in order to bring all handsets back into registration.

Handset Registration With Your ClearSounds A50

The following steps are for registration of additional handsets (model A50E):

1. Make sure the ClearSounds A50 base unit is connected into the AC outlet and phone jack. Your ClearSounds A50 handset will show **HS-1** (Handset 1) on the LCD.
2. Press and hold the  /**PAGE** button on the base unit. After 3 seconds, press the “**CH**” button on the handset until you get a beep and the display will read **HS-2**.
3. If you have more than two handsets, press the “**CH**” button on the handset until you get a beep and the display reads **HS-3**. Release the  /**PAGE** button from the base.

NOTE: The  /**PAGE** button on the base unit should be kept pressed during the whole procedure.

Congratulations! You can now enjoy the benefits of your ClearSounds A50/A50E Cordless Expandable Amplified Telephone System.

Headset Operation

Your A50E handset is equipped with a 2.5mm headset jack for use with an optional accessory headset for hands-free operation. If you choose to use the headset option, you must obtain an optional accessory headset, which is compatible with the handset.

Headsets are available at most retail outlets that sell telephone equipment or contact ClearSounds Communications at 800-965-9043 or visit www.clearsounds.com.

Maintenance

Taking Care Of Your Telephone

Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid Rough Treatment

Place the handset down gently. Save the original packing material to protect your telephone if you ever need to ship it.

Avoid Water

Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install your charger near a sink, bathtub, shower or pool.

IMPORTANT: If your charger unit should fall into water. DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD. Then pull the unit out by the unplugged cord.

Electrical Storms

Electrical storms can sometimes cause power surges harmful to electronic equipment. For your safety, use caution when using electrical appliance during storms.

Cleaning Your Telephone

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or mild soap. Do not use excess water or cleaning solvents of any kind.

For optimum performance, regularly clean the metal charge contact located in the charge cradle and on the bottom of the A50E handset. Gently rub the contacts with a clean pencil eraser.

ACCESSORIES

To order a headset call ClearSounds Communications at 800-965-9043 V or 800-814-5359 TTY.

FCC Registration Notice

THE INFORMATION INFORMING THE USER OF HIS/HER AND THE TELEPHONE COMPANY'S RIGHT AND OBLIGATION IS OUTLINED BELOW.

- a) This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. ON the bottom of this equipment is a label that contains, among other information, a product identifier in the format US: AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.
- b) All applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e. RJ11C) in the package with each piece of approved terminal equipment.
- c) A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirement adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.
- d) The REN is used to determine the number of devices that may be connected to the telephone line. Excessive RENs on a 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 should not exceed five (5.00). 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. [For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.]
- e) If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your rights to file a complaint with the FCC if you believe it is necessary.
- f) The telephone company may make changes in its facilities, equipment, operation or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
- g) Should you experience trouble with the equipment, please contact: ClearSounds Communications Attn: Repair Center, 8160 S Madison St - Burr Ridge, IL 60527, 800-965-9043 V/ 800-814-5359 TTY, 888-654-9219 FAX, e-mail: repairs@clearsounds.com for repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
- h) Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alter or repair any part of device except as specified.
- i) Connection to party line service is subject to state tariffs. Contact the state public

- utility commission, public service commission or corporation for information.
- j) **NOTICE:** If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of the ClearSounds A50 does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.
 - k) 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. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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.**

This product meets the applicable Industry Canada technical specifications.

The Ringer Equivalence Number is an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirements that the sum of the Ringer Equivalence Number of all the devices does not exceed five.

Should you experience trouble with this equipment, please contact: **The Canadian Service Center** is ClearSounds Canada, 1861 Welch Street, Suite 110, North Vancouver BC. V7P 1B7. Canada. Tel: 800-965-9043 Fax: 888-654-9219. **The US Service Center** is ClearSounds Communications - 8160 S Madison St - Burr Ridge, IL 60527-5854 USA Tel No: 800-965-9043 V or 800-814-5359 TTY Fax No: 888-654-9219 e-mail: info@clearsounds.com Contact Name: Customer Service for repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Warranty & Service

ClearSounds Communications™ warrants the ClearSounds A50E against any defect in materials or workmanship for the period of one year from the date of purchase. Should you experience a problem, contact our customer service department or visit our website at www.clearsounds.com.

Be sure to save your sales receipt as proof of purchase date should you need warranty service.

Within a period of one year from purchase date, ClearSounds Communications™ will repair or replace (our discretion) your ClearSounds A50E at no cost, if a defect in materials or workmanship is found. If we elect to replace your phone, we may replace it with a new or reconditioned product of the same or similar design. Repair or replacement will be warranted for a period of 90 days or the original time on the original warranty, whichever is longer.

The warranty does not cover accidents, negligence or breakage to any parts. This includes shipping damage, failure to follow instructions, misuse, fire, floods, use of incompatible accessories, Acts of God or failure in your phone service carrier's line service. The product must not be tampered with or taken apart by anyone who is not an authorized ClearSounds Communications representative. Tampering with the phone will void any written or implied warranties.

ClearSounds Communications™ shall not be responsible for loss of time, inconvenience, loss of use of your ClearSounds A50E, property damage caused by your ClearSounds A50E or any other incidental or consequential damages.

Warranty service is available only with proof of purchase.

IMPORTANT: YOUR RECEIPT IS PART OF YOUR WARRANTY AND MUST BE RETAINED AND PRODUCED IN THE EVENT OF A WARRANTY CLAIM.

Shipping cost must be prepaid and the product must be packaged appropriately for shipping.

ClearSounds Communications
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