



ClearSounds®
Hear how good life can be

CLA7

Amplified Powered Neckloop

(For use with T-coil equipped hearing aids)



**Installation Guide
& User Manual**

Congratulations on your purchase of the CLA7 Amplified Powered Neckloop from ClearSounds Communications™. The CLA7 has been developed to facilitate the use of a cellular or landline telephone equipped with a standard 2.5mm jack with a t-coil equipped hearing aid for hands-free operation. A 2.5mm to 3.5mm adapter is provided with the CLA7 to be used with a variety of devices as an amplified Audio Neckloop.

The CLA7 generates an induction (loop) signal that is picked up by the telecoil of your hearing aid(s) (this option is activated by setting the hearing aid(s) to the “T” or “MT” position).

The CLA7 is compatible with most cellular phones (you may need to purchase an adapter connector if your cellular phone is not equipped with a built-in 2.5 mm jack). We hope it will give you many years of successful operation.

Please read this User Manual carefully in order to get the very best results from your CLA7. This will tell you how to set up the CLA7 correctly and explain all the features to you. Keep the manual for easy reference.

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

- Register your product
- Download additional manuals and trouble shooting tips

PLEASE SAVE THESE INSTRUCTIONS

Conditions for Use

IMPORTANT SAFETY INSTRUCTIONS

Read and understand the Installation Guide & User Manual. When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to person, including the following.

WARNING: To avoid the possibility of electrical shock, do not use this product near water (For example, near a bathtub, wash basin, kitchen sink or laundry tub, in a wet basement or near a swimming pool) while in the bathtub or shower or when you are wet.

WARNING: Avoid using the telephone during electrical storms. There may be a remote risk of electric shock from lightning. If the electrical storm is present in your immediate area, possibility of electrical shock exists.

WARNING: Do not use the phone if you suspect a gas leak in the area. The phone's electrical contacts could create a spark, which could ignite any heavy concentration of leaking gas.

Important Safety Instructions For Batteries

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of batteries according to the instructions.

To reduce the risk of fire or personal injury – read and follow these instructions:

1. Use only the approved battery in your CLA7.
2. Do not dispose of the battery in a fire as it may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes and skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conduction material may overheat and cause burns.
5. Observe proper polarity orientation.

NOTE: Please check that your telephone equipment is UL/ETL approved before connecting the ClearSounds CLA7 into the headset jack. Please refer to your owners manual or contact the telephone manufacturer.

IMPORTANT FACTS ON ADAPTER USE

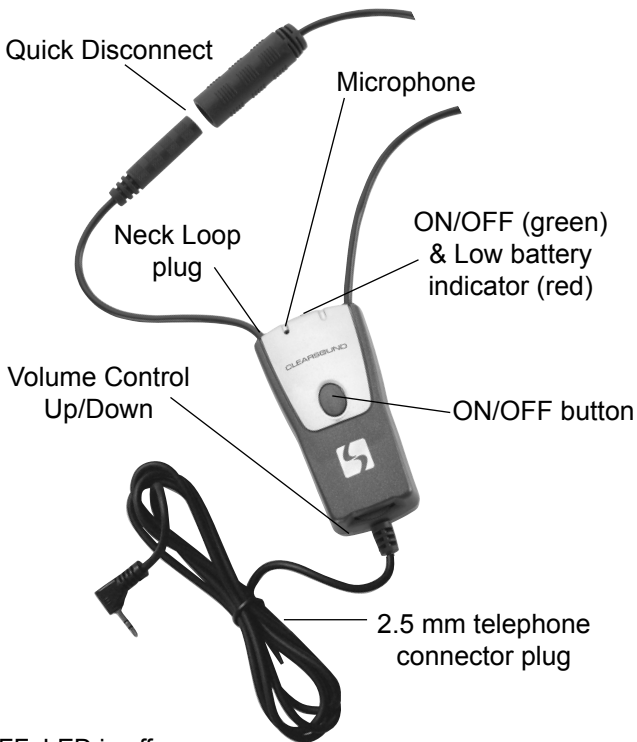
1. If connecting the CLA7 to an audio device requiring a 3.5mm jack, only use the adapter supplied with the CLA7. It is a special adapter that connects the audio output connections and bypasses the microphone connection.
2. The CLA7 can work with cell phones that have stereo music capabilities. However you must use an adapter that converts the 2.5mm connector on the cell phone to function as standard mono connector. These adapters are usually available from your cell phone manufac-

turer. (**Note:** Standard cellphone 2.5mm jacks have two black bands; stereo 2.5mm jacks that are used with stereo music have three black bands. You need to verify with your cell phone provider that the 2.5mm connector on the cell phone will work with a std mono hands-free headset. The CLA7 is a standard mono hands-free device.)

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Features & Functions



OFF: LED is off
ON: LED is green
Low battery: LED is Red

Installation & Operation Steps

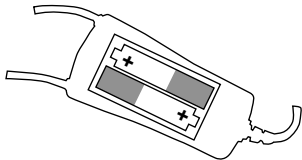
Installation and operation of your ClearSounds™ CLA7 Amplified Powered Neckloop is easy.

Installing The Batteries

IMPORTANT: The CLA7 needs to be disconnected from the telephone before installing the batteries.

1. Open the battery compartment door located on the back of your CLA7 by pulling back the latch.
2. Insert correctly (2) AAA alkaline batteries (not included) in the battery compartment. Be sure to observe battery polarity as imprinted on the base of the compartment. (See diagram #1).
3. Snap the battery compartment door back in place.
4. The CLA7 is ready to use.

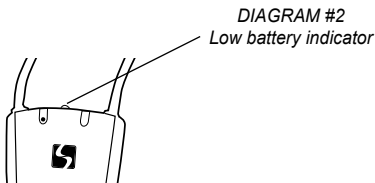
DIAGRAM # 1
Installing the batteries



NOTE: The batteries will have approximately **30 to 40** hours of use before needing replacement. Battery life will depend on actual usage and amplified levels.

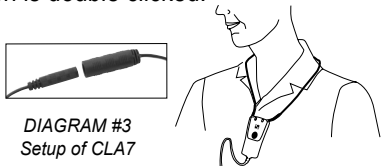
Low Battery Indicator

The low battery indicator monitors the condition of the batteries. This indicator will turn red to indicate the batteries should be changed. The indicator will only turn red while in use. Replace batteries as soon as possible with 2 AAA Alkaline batteries (See diagram #2).



Making And Receiving Calls

1. Place the wire around your neck and insert the round connector plug into the Neckloop Quick Disconnect plug, forming a loop (See diagram #3). **IMPORTANT:** To have the Neckloop operate Properly, you will need to be sure the connection is double clicked.



2. Connect the 2.5 mm plug of the CLA7 into the telephone's 2.5 mm headset jack (See diagrams 4, 5 & 6).
3. Switch your hearing aid to "T" or "MT" mode.
4. Press the "ON/OFF" button. The green light will turn on.
5. Use your telephone in the normal way (making and receiving calls). See the phone's owner's manual for instruction.

6. Since the CLA7 has a built in microphone, you will not need to hold the phone to your ear, but can use it in conjunction with a belt clip. Simply keep the phone in your pocket or place it on a flat surface.
7. During the call, you can adjust the volume of the CLA7 by using the volume control knob located on the bottom of the unit.
8. You can manually adjust the volume level on your phone if the sound quality is unsatisfactory.
9. On completion of the call, press the ON/OFF button. The green light will turn off.
10. Reset your hearing aid if needed.

Note: If your phone does not have a 2.5mm jack, an adapter may be required. Check with the manufacturer of the telephone equipment.



DIAGRAM #4
CLA7 w/Cellular



DIAGRAM #5
CLA7 w/A50 Cordless

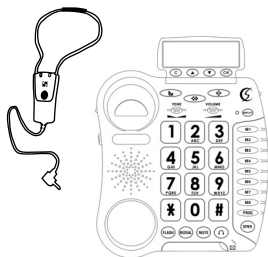
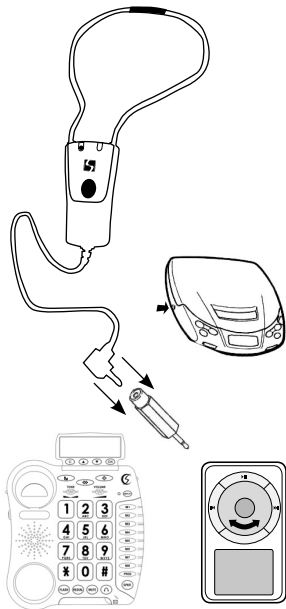


DIAGRAM #6
CLA7 w/CSC50 or CSC50-ER

Using your CLA7 as a Personal Audio Neckloop

Your ClearSounds CLA7 can be easily used as a 3.5mm amplified Audio Neckloop, using the provided 2.5mm to 3.5mm adapter. Simply plug the 2.5mm end of the ClearSounds CLA7 into the 3.5mm adapter, and then insert the adapter into your audio jack equipped telephone, Ipod, CD player, or any device that has an 8-16 Ohm audio output through a 3.5mm jack. Follow the directions on adjusting the volume.



Troubleshooting Guide

No Sound

1. Battery may be dead.
2. Battery may be in backwards.
3. Verify that the CLA7 is turned on.
4. Verify that the phone is turned on.
5. Check if the plug of the CLA7 is plugged all the way in.

Weak Sound

1. Weak battery.
2. Turn up the volume on the CLA7.
3. Turn up the volume on the phone.
4. Check your hearing aid – weak battery.

Maintenance and Care

The CLA7 Amplified Powered Neckloop has been designed to give you years of dependable service. To ensure the utmost in performance, follow these guidelines in caring for your CLA7 Neckloop:

1. Keep the unit out of the reach of small children.
2. If the CLA7 is not in use do not store the CLA7 with batteries installed for an extended length of time.
3. Store your CLA7 in a dry place.
4. Do not expose your CLA7 to excessive moisture, humidity or steam.
5. Avoid dropping or knocking the unit.
6. Avoid electric shock by keeping the CLA7 away from water (i.e. bathroom, kitchen sink, etc.)
7. Keep fresh batteries in your CLA7 and be aware that your CLA7 will stop functioning when the batteries die.
8. Do not clean with harsh chemicals, cleaning solvents or abrasive detergents. To clean, wipe with a soft cloth slightly dampened in a mild soap-and-water solution.

Specifications

Maximum Gain:

- 30dB in Wide band (300 to 3400Hz)
- Up to 40dB with full cellular volume or other type device at full volume.

Dimensions:

Base Size: 2.5" X 1.25" X .75"

Weight: 0.12 lb with batteries

Power Requirements:

Batteries: (2) AAA Alkaline batteries (not included)

FCC Registration Notice

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

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Your equipment has been tested and found to comply with

the limits of a Class B digital device, pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in residential installation.

The 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, you are encouraged to try to correct the interference by one of the following measures:

Where it can be done safely, reorient the receiving television or radio antenna.

To the extent possible, relocate the television, radio or other receiver with respect to the telephone equipment. (This increases the separation between the telephone equipment and the receiver).

Connect the telephone equipment into an outlet on a circuit different from that to which the television, radio, or other 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 Hall Telecommunications, 5477 R.R. #5, Hwy #6 North Guelph, Ontario, Canada N1H 6J2. Tel no: 519-822-5420 Fax No: 519-822-5462. **The US Service Center** is ClearSounds Communications 8160 S Madison St - Burr Ridge, IL 60527 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 CLA7 Amplified Powered Neckloop 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 CLA7 Amplified Powered Neckloop at no cost, if a defect in materials or workmanship is found. If we elect to replace your CLA7 Amplified Powered Neckloop, 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 CLA7 Amplified Powered Neckloop will void any written or implied warranties.

ClearSounds Communications™ shall not be responsible for loss of time, inconvenience, loss of use of your CLA7 Amplified Powered Neckloop, property damage caused by your CLA7 Amplified Powered Neckloop 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
Attn: Repair Center
8160 S Madison St
Burr Ridge, IL 60527



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For product support and help visit our website at

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