

Clarity Professional® CI20™ Wireless TV Amplifier



Training

C120 Training

Product Positioning

It is perfect for those with a moderate-to-severe hearing loss who have difficulty understanding TV dialog. The C120 allows the end-user to hear the TV clearly and comfortably without disturbing others.

Sound and Comfort: Together Again

C120 Training Features



Listen to the TV in wireless Stereo Surround Sound!

Featuring **Clarity Power** with amplification up to **50dB** at 124 dBSPL

Telephone Call Notification lets the user know when the phone is ringing.

The **Public IR** feature allows the headset to be used with public IR systems at places like theaters and museums.

Compatible with **TVs, Stereos, MP3 Players.**

C120 Training Features



Clarity Power: **50dB** of Amplification

Adjustable **Tone** and **Balance**

Multi Headset Capable

Range: 38 ft. (Line of Sight)

Automatic Power On/Off (Headset)

High Fidelity **Surround Sound**

Public IR Compatible

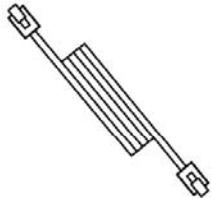
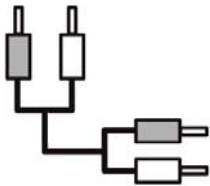
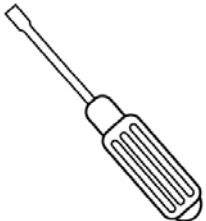
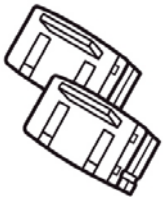
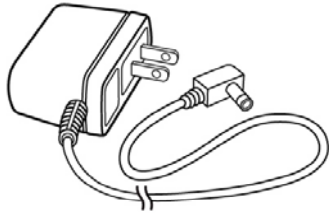
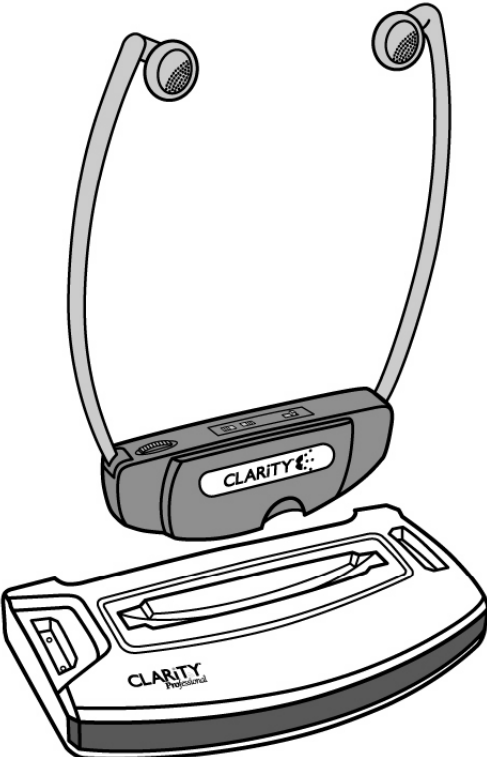
Two (2) Rechargeable Batteries:

4 hour usage/charge time

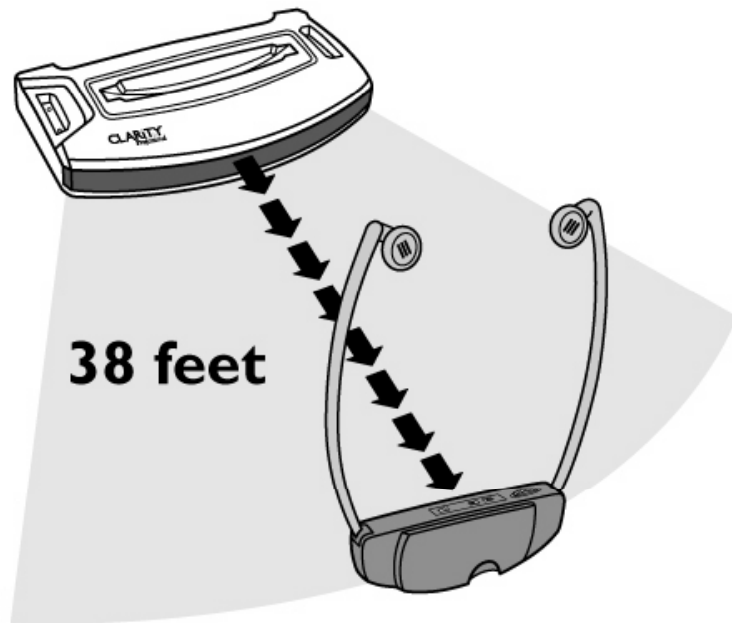
Ability to charge 3 at a time

Headset Carrying Pouch

C120 Training Parts Checklist



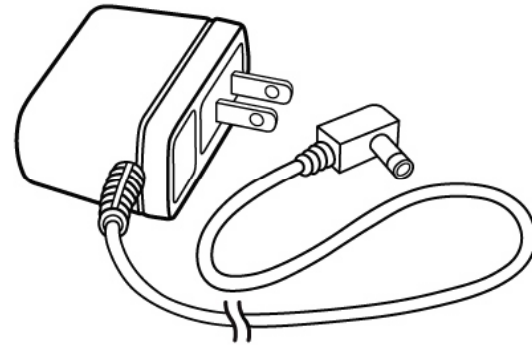
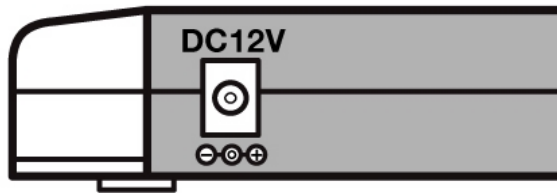
C120 Installation Transmitter



1. For the clearest signal, place the base at the same height of the viewing level.
2. Do not place the transmitter (base) in the direct sunlight. Sunlight and fluorescent lights can cause interference.
3. The headset must be used in the same room as the base and no more than 38 feet away.
4. IR type of invisible light and requires a “line of sight” to work. If something blocks the headset from the base, it will create a “shadow” and the unit will not work.

C120 Installation

Transmitter

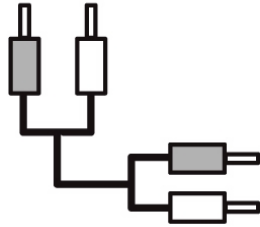


Connect the Power

1. Connect the AC Adapter into the DC12V port located on the back of the base.
2. Plug the AC Adapter into a wall outlet.

C120 Installation

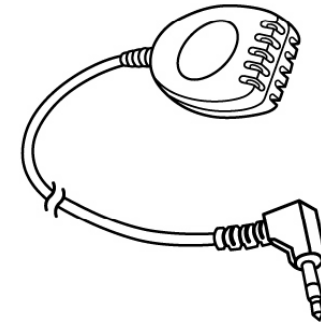
Transmitter



A



B



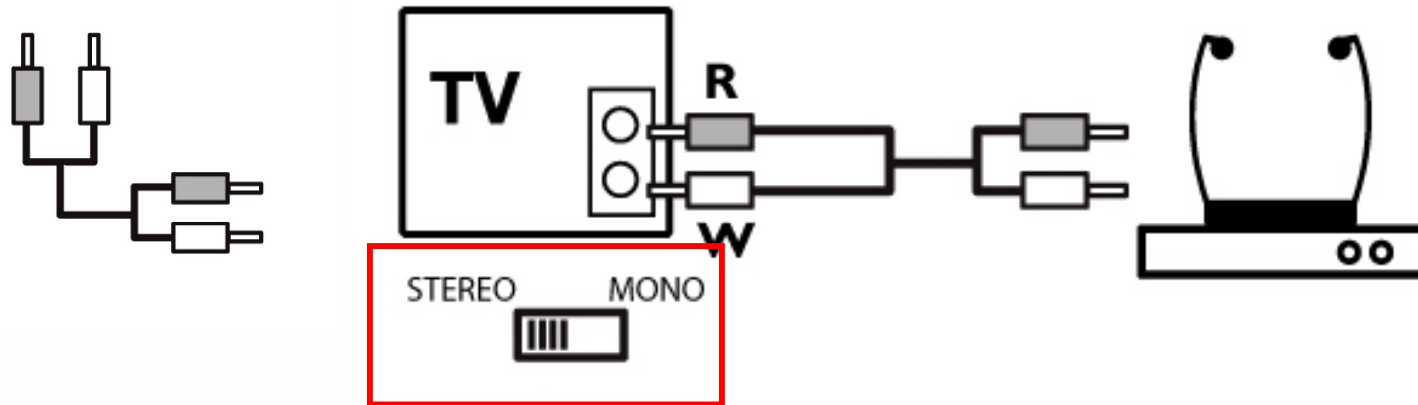
C

Selecting the Appropriate Cord

1. Check the TV or other device for the type of Audio Outputs available.
2. Depending on the outputs available, select the appropriate cord included with the C120.

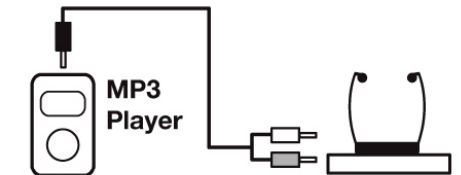
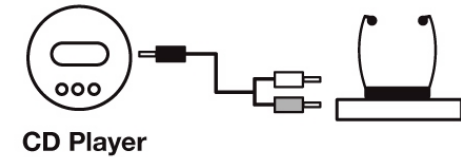
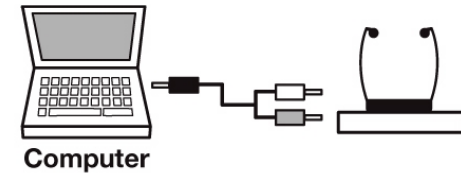
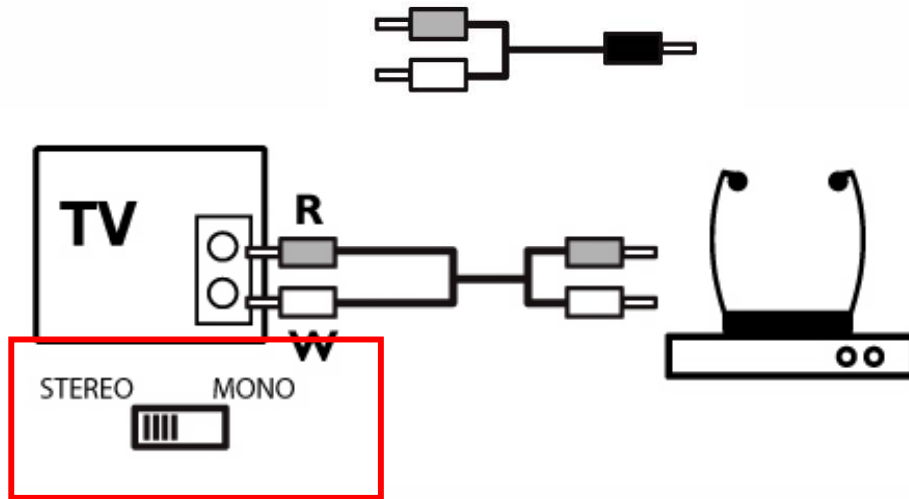
C120 Installation

Transmitter



- A. If the device has both Red (Right) and White (Left) RCA Outputs:
1. Use the provided RCA Stereo Cable pictured above and connect to both the device outputs and the C120 base.
 2. Set the “Stereo/Mono” switch on base to “Stereo.”

C120 Installation Transmitter

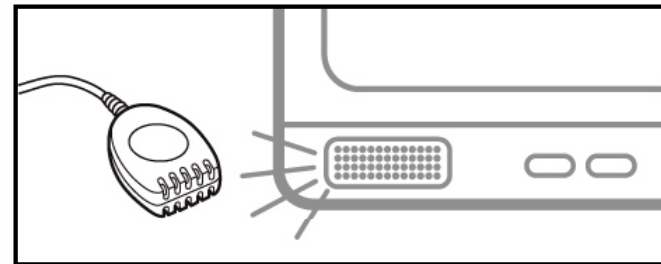
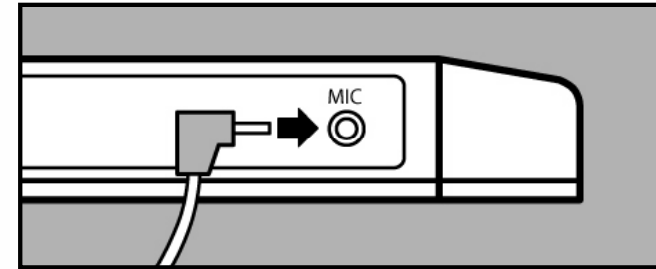
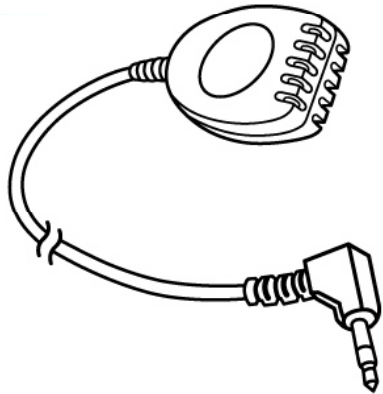


B. If the device has a 3.5mm (Std. Headphone) Output:

1. Use the provided RCA – 3.5mm Stereo Cable pictured above and connect to both the device output and the RCA ports on the C120 base.
2. Set the “Stereo/Mono” switch on base to “Mono.”
3. This option is for use with all other types of audio devices.

C120 Installation

Transmitter



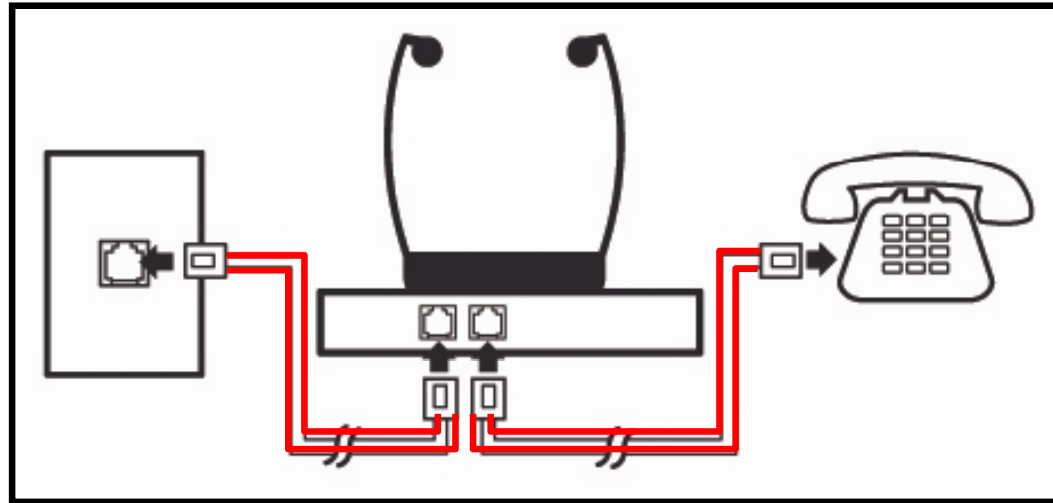
C. If the device has no Output port:

1. Use the provided Microphone pictured above.
2. Connect it to the back of the C120 base in the Mic port.
3. Place the Microphone close to the speaker of the TV or other device.

C120 Installation

Telephone Ring Notification

The C120 has the ability to produce an audible tone heard through the headset when the telephone rings.

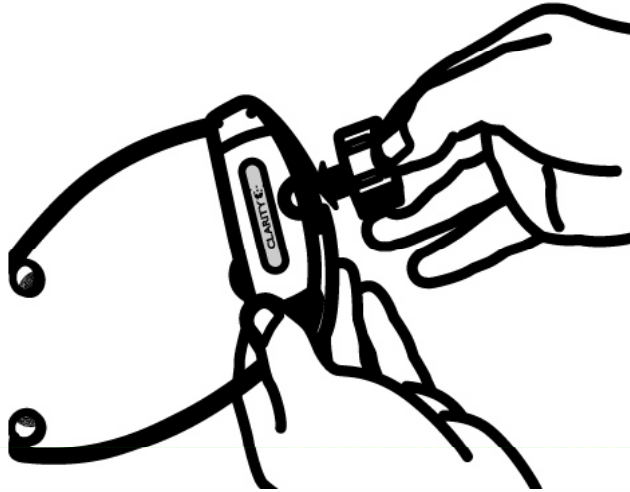


First, Plug the telephone cord coming from the wall into the “Line” port at back of base.

Next, connect the phone cord from the C120 port labeled “Phone” to your telephone

C120 Operation

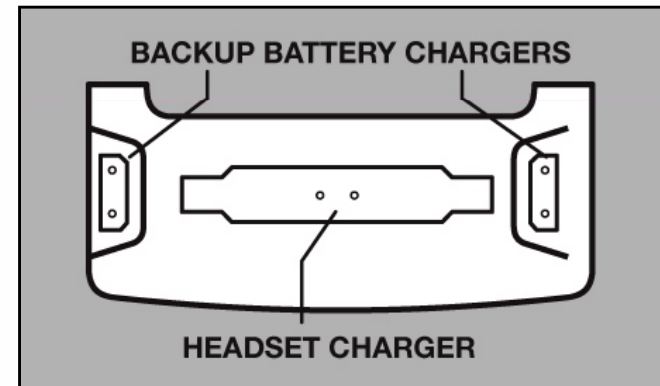
Batteries



Install the rechargeable battery in bottom of the headset and place into base

The battery takes four (4) hours to fully charge

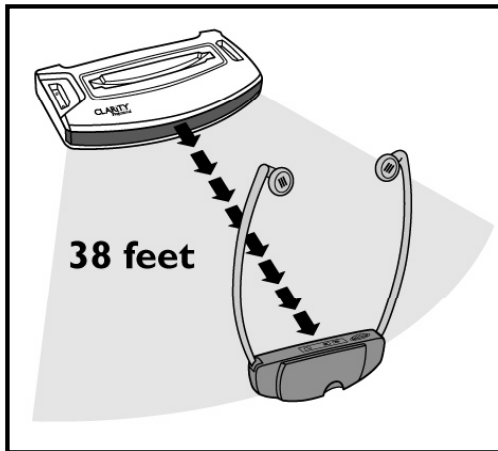
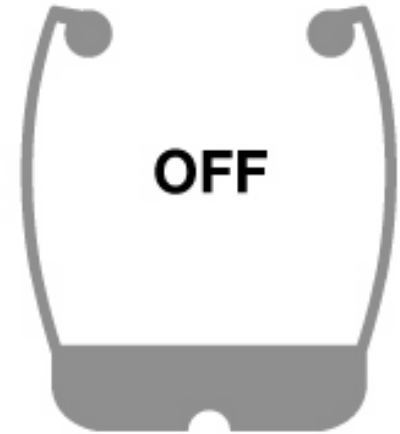
- Backup batteries may be bought and placed in the additional charging dock
- At full volume, the battery will last for approx. 4 hours



C120 Operation Headset

When the headset arms are **extended**, the unit automatically powers **ON**.

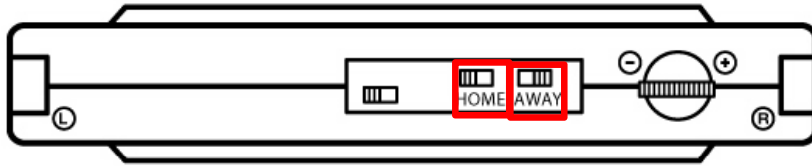
The C120 will turn **OFF**, if there is no audio signal detected.



Note: The infrared sensor that communicates with the transmitter base is on the front of the headset and should remain within sight of the C120 base.

C120 Operation

Headset



HOME



2.3 MHz

AWAY



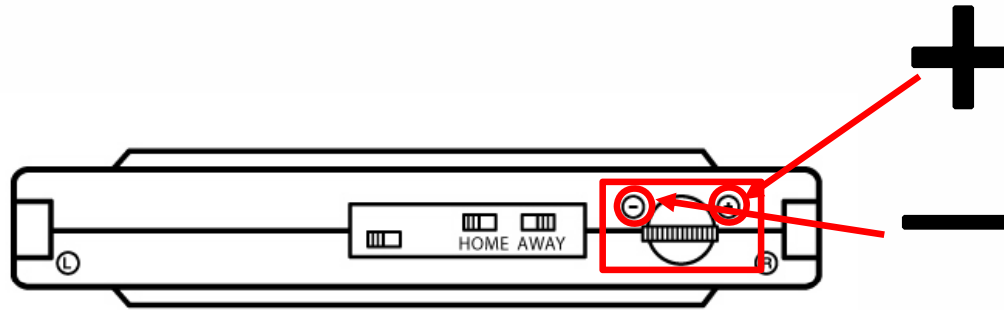
95 kHz

On top of the headset there is a “**Home and Away**” Switch

1. Switch to “**Home**” to listen to the television with the included base.
2. Switch to “**Away**” to use with public infrared systems.

C120 Operation

Headset



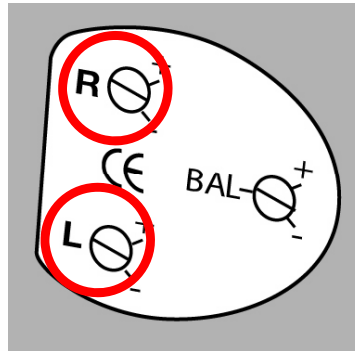
The Volume Control is located on the top of the headset

1. To increase the volume turn the wheel in toward the “+”
2. To decrease the volume turn the wheel toward the “-”

C120 Operation

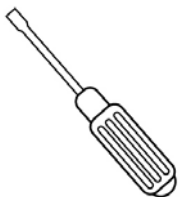
Headset

The tone control is located on the back of the headset



There are two controls:

1. For the right earphone
2. For the left earphone



The screwdriver will be needed to adjust this control

Technical Specifications

Transmitter Information

Dimensions: 7 1/16”L x 3 5/8”W x 1 1/8”H (17.9cm x 9.2cm x 2.8cm)

Weight: 5.2 oz (147g)

AC Adapter: 100-240V, 50/60 Hz, 0.15 Amps

Charging Docks: Charges one (1) CI20 headset and two (2) additional Batteries in the auxiliary docks.

Auto Off Power: Transmitter turns off after it has not detected audio signal for 90 seconds.

Transmitting Frequency: 2.3 MHz and 2.8MHz

Transmitter Range: Approx. 38 ft

Microphone Input: 3.5 mm jack for supplied TV microphone.

Audio Cable Input: One (1) RCA cable, one (1) RCA to 3.5mm cable

Technical Specifications

Headset Information

Weight: 1.75 ounces (49g) without battery, 2.5 ounces (58g) including battery

Frequency Received: 2.3MHz and 2.8MHz from transmitter, 95kHz from public IR systems.

Controls: “Home/Away” switch to set the headset to proper frequency, volume wheel, tone and balance controls.

Amplified dB Level: 50dB, 124 dBSPL

Battery Type: Nickel Metal Hydride (NiMH0, Rechargeable, weight is 0.3 oz)

Battery Life: Four (4) hour usage time, four (4) hour charge time, lasts 500 charges (CI20 comes with 2 batteries, allowing eight (8) hours of usage Time)