



# CHAIRSPEAKER INSTRUCTIONS

Model CS2.0

Setup Guide for Your ChairSpeaker  
Connecting, Troubleshooting and Safety

# WELCOME

Congratulations on the purchase of your new ChairSpeaker® which is designed to help you and your loved ones watch TV together in a new way. We appreciate your selection of our product and would like to use this guide to welcome you to our family. We hope that you will take the time to read this manual in order to familiarize yourself with the product. This user guide will assist you and answer many questions you may have with setting up and using your new ChairSpeaker®.

This product guide will provide the product description, safe operation, installation instructions, it will demonstrate different setup configurations and will help you identify the best option for your situation. This manual will help you learn to use and gain maximum benefit of the ChairSpeaker System.

If you should encounter some unresolvable issue, or have any questions, suggestions, or concerns, please contact ChairSpeaker's customer service department for further assistance.

Customer Support: 1-888-277-7941

Email: [CustomerSupport@ChairSpeaker.com](mailto:CustomerSupport@ChairSpeaker.com)

Website: [ChairSpeaker.com](http://ChairSpeaker.com)

# PRODUCT ASSURANCE

## 5-Year Limited Warranty

This 5-year limited warranty covers product failures due to manufacturer's defects for a period of 5 year after the original purchase. The warranty is only valid if the product is purchased from ChairSpeaker.com or one of ChairSpeaker® authorized resellers. If the product fails within 5-years of the original purchase it will be repaired or replaced at no charge with the same or newer model of equal value.

This warranty includes this product for home use including speakers, transmitter and accessories against defects in material and workmanship. Proof of purchase is required. This warranty is provided at the discretion of KARE, LLC. and does not cover cosmetic damage or damage due to acts of nature, accident, misuse, abuse, negligence or modification.

# SAFETY NOTICES

All safety and operation instructions should be read and understood before operating the ChairSpeaker®. You should keep this guide for future reference.

For indoor use only.

This product should not be operated or submerged near water or in areas with moisture.

Clean with dry cloth only.

Do not subject this product to excessive heat conditions such as radiators, heat vents, stoves, amplifiers or any item that produces heat.

Do not adapt or modify any part of the ChairSpeaker® system.

Power cable should be routed clear of foot traffic and supported clear of kinking and abrasion.

Only use ChairSpeaker accessories and attachments with your ChairSpeaker® system.

Users should not attempt to service this product. Servicing for damages in anyway, should only be done by an authorized service agent.

Do not use damaged products.

Do not use any part of the ChairSpeaker® system that have been exposed to water or moisture.

# WARNINGS

To prevent possible hearing loss, do not listen at high volume levels for long periods of time.

To reduce the risk of fire or electric shock, do not expose any part of the ChairSpeaker® system to rain or moisture.

The ChairSpeaker® system should not be exposed to dripping or splashing liquids.

Do not place objects filled with liquid such as vases on or near any part of the ChairSpeaker® system.

## Health Considerations

If you have or think you may have any of the following conditions, KARE, LLC advises you to consult promptly with a licensed physician (preferably an ear specialist) prior to use:

- Visible deformity of the ear
- Fluid or drainage from the ear within the past 90 days
- Sudden, rapidly progressing, or fluctuating hearing loss
- Spells of acute or chronic dizziness
- Hearing loss only on one side that worsened in the past 90 days
- Ear canal blockage, a lasting ear infection or a plugged-up feeling
- Excessive wax buildup, or a history of excessive wax buildup
- Pain or discomfort in the ear
- Ringing in one or both ears within the last 90 days

# Listening Device Warning

Listening Devices are intended to amplify sounds in situations that would be difficult for normal hearing individuals to hear. A listening device is NOT a hearing aid and is not intended to treat hearing loss. It is not intended to diagnose, treat, cure any disease or alter the structure or function of the body. It will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions. Listening devices are designed for occasional and recreational use for amplifying and filtering sounds that are inherently difficult to hear. If you believe you have hearing loss, you are encouraged by KARE, LLC to seek help from a qualified professional. To protect your hearing, avoid having the volume at high levels for extended periods of time. Permanent hearing loss can result from high sound volumes.

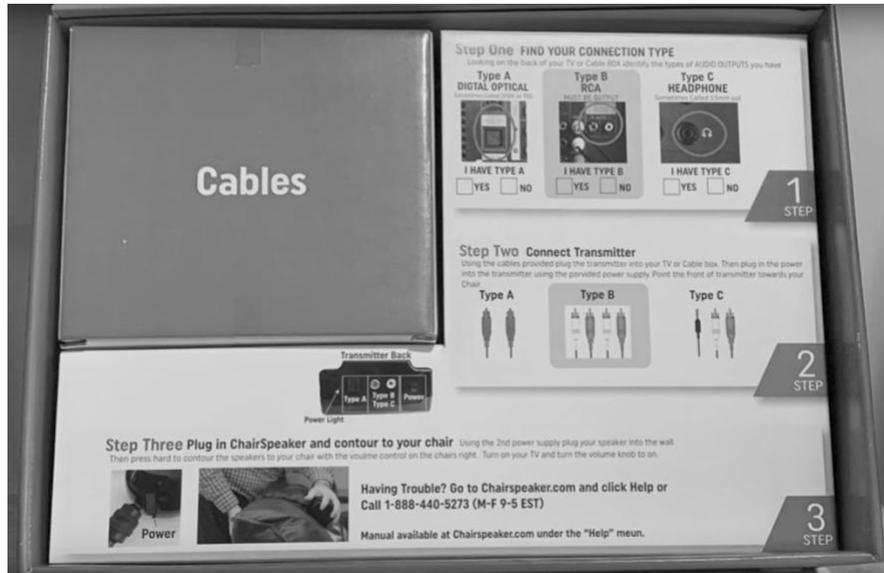
# Magnetic Warning

Do not place speakers near chest or in the vicinity of a pacemaker or defibrillator. If you have a concern, please contact your physician. As with all speakers, the ChairSpeaker have a magnetic field.



# IN THE BOX

When you open the box the small box on the left labeled “Cables” will have 2 connection cables.



One Optical Cable



One RCA to 3.5mm



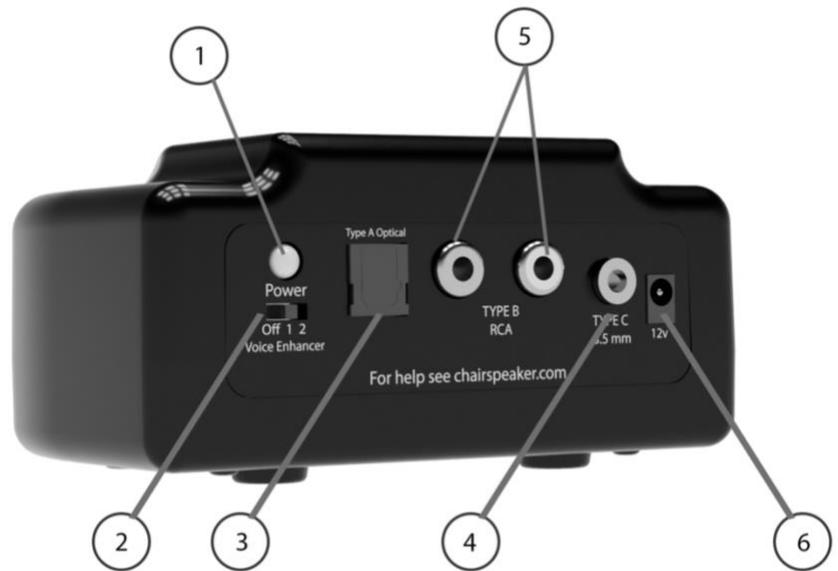
After you remove the next level of cardboard you will see



2 boxes with power adapters. One is for the speakers the other is for the transmitter.

# Transmitter

- 1) Power Indicator
- 2) Voice Enhancement Selector
- 3) Optical Input
- 4) 3.5mm Input
- 5) RCA Input
- 6) 12v Power Input
- 7) IR Output Panel

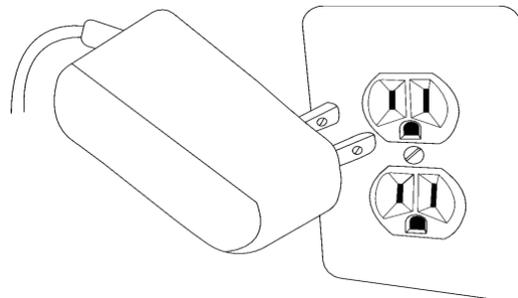


# Power the Transmitter

Plug the power supply into 12v Power Input (6) on the back of the IR Transmitter.



Then plug the power supply into a surge protector or standard electrical outlet.



The power indicator (1) light will come on if you have power.

**!** DO NOT modify the power supply if the provided plug does not fit your outlet. Call us at 1-888-277-7941 to order the correct power supply.

 The Transmitter must remain plugged in to transmit the signal.

## Connecting to TV, Cable, Satellite or other media device

First you need to look to see what output are on your device.

Choosing the input signal is the critical to getting the most enjoyable experience. If you need help, we will do our best to get you up and running.

We have included all the parts to install in 3 different ways. Digital Optical (best way), RCA analog and 3.5mm analog audio. We do have kits for installing other ways as well, if you need to order one of our specialty kits please call us 1-888-277-7941 or visit [chairspeaker.com](http://chairspeaker.com)

Each one of the connection methods may be located on different devices such as the tv, cable box, satellite box or DVD player. Connecting to different devices may have different features or create an undesirable sound echo. We will explain how each connection works.

Ports on the front of your tv or other devices are normally AUDIO IN and will not send audio to the transmitter. We need to connect to an AUDIO OUT to have the sound signal.

 If you are using a sound bar or a surround sound system be aware the sound is not normally passed to the TV using the HDMI. You can connect the transmitter to an output on amplifier or to the back of the cable/satellite box.

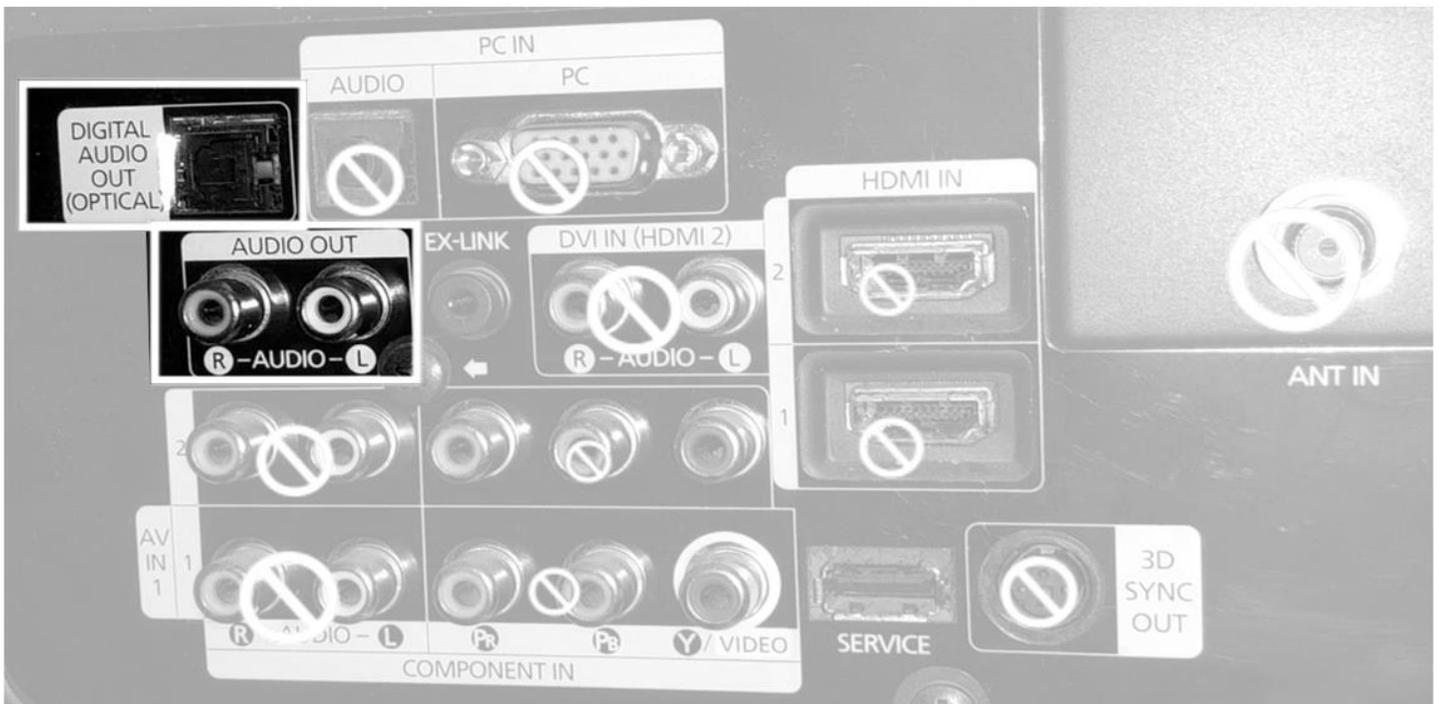
# Connecting Signal

## Digital

We need get a sound out but to the transmitter to broadcast the sound, you will need a connection like the highlighted ones below. This must indicate that it is an “out”, if this port is labeled “IN” or “INPUT” port it will not work.

If you don't have a connection labeled out on the back of your TV you may use a headphone output. Typically, if you use a headphone output the sound out of the TV speakers is turned off.

Another option if you do not have an output is to connect to your cable or satellite box.



At the back of your TV, find the DIGITAL AUDIO OUT (OPTICAL) port. If audio out ports are not available on your television, use the audio ports on your cable or satellite box.

Plug the provided optical cable (cable ends shown below) into the transmitter's optical input (3) and the other into your television, cable box or satellite box.

The advantages to connecting to the TV rather than the other devices is if you change from a cable box to another device you do not need to change the cables. However, depending on the tv model connecting to the tv can create echo, lag or shut off the speakers on the TV. Some TV have ways to correct for "DELAY" others do not. Please consult your tv manual or call us if you are experiencing a problem.



Digital Optical Cables

The digital optical connection is a connection that uses light to send a digital signal. This signal can be sent in many formats to the transmitter. The ChairSpeaker Transmitter only decode PCM sound. You may need to change the settings on the device to output PCM. This can be found in your TV user manual. If you need help, please call us toll-free at 1-888-440-5273.



If you connect to a digital audio output on the TV and you have no sound, change your TV output in the audio menu on your tv to PCM. If you are using a surround sound system, connect to the output of the surround sound system.

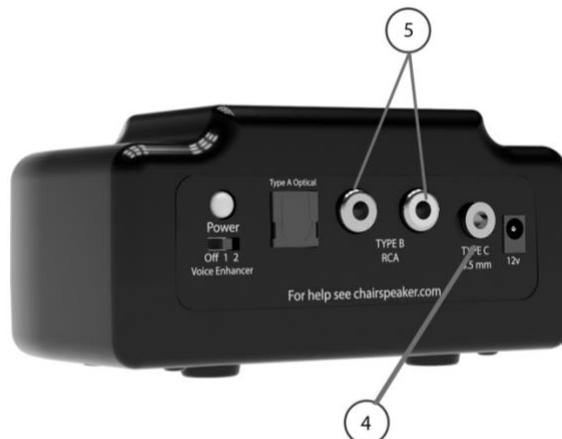
## Analog

Both the 3.5 jack and RCA (red and white) jack are analog connections. The same cable is used for both connections just reversed directions.

When using the RCA (red and white) outputs on you TV you must connect to OUTPUTS on your TV. The transmitter will not work when connected to ports labeled IN or INPUT.

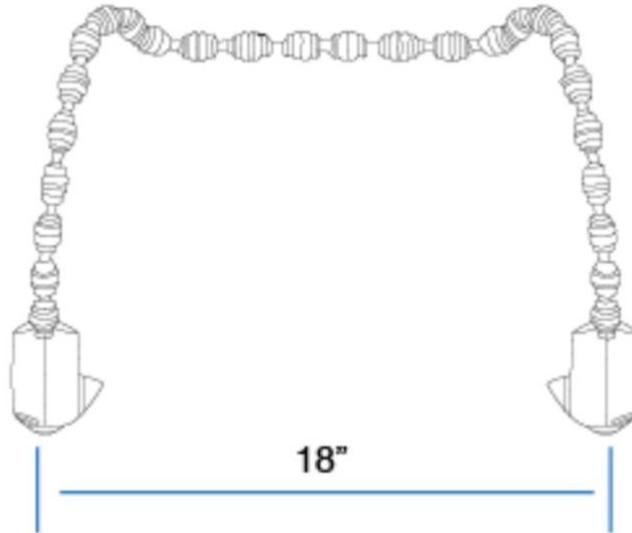
Connect the RCA (red and white) cable to the Output of the TV, cable box, or satellite box and use the 3.5mm (4) to connect to the transmitter.

If using the headphone out on the TV connect the 3.5mm cable to the headphone jack and the RCA (red and white) (5) to the transmitter.



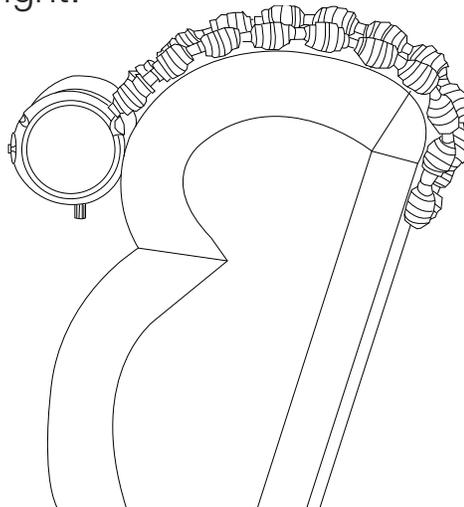
# Install your Speaker

After taking the ChairSpeaker® out of the box, form into a U-shape. With both ends about 18" apart.

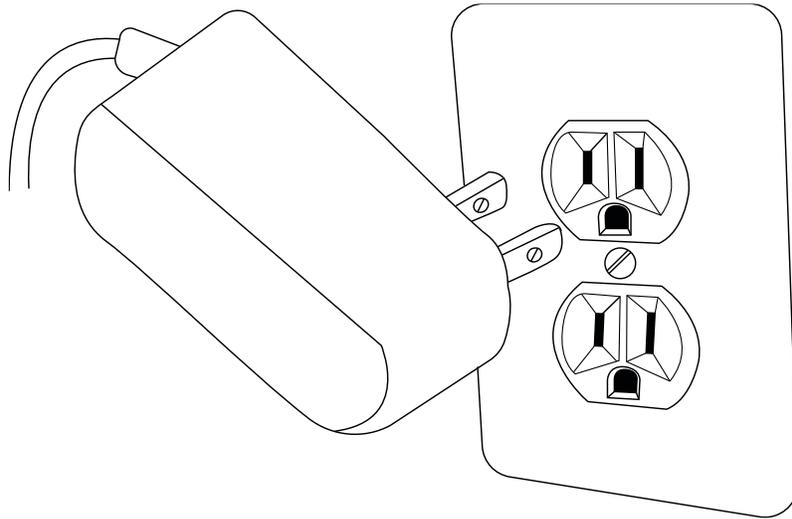


Make sure the side with the power inlet is in your right hand. Standing up facing your chair lay the ChairSpeaker® over the back of your chair and press the links hard against the chair to conform to the shape of your chair. Make sure some links go over the back. The rubber will hold onto your chair.

Wrap the speakers around the head rest of the chair with the volume knob on the left for the user at about ear height.



Next plug the speaker into the wall.

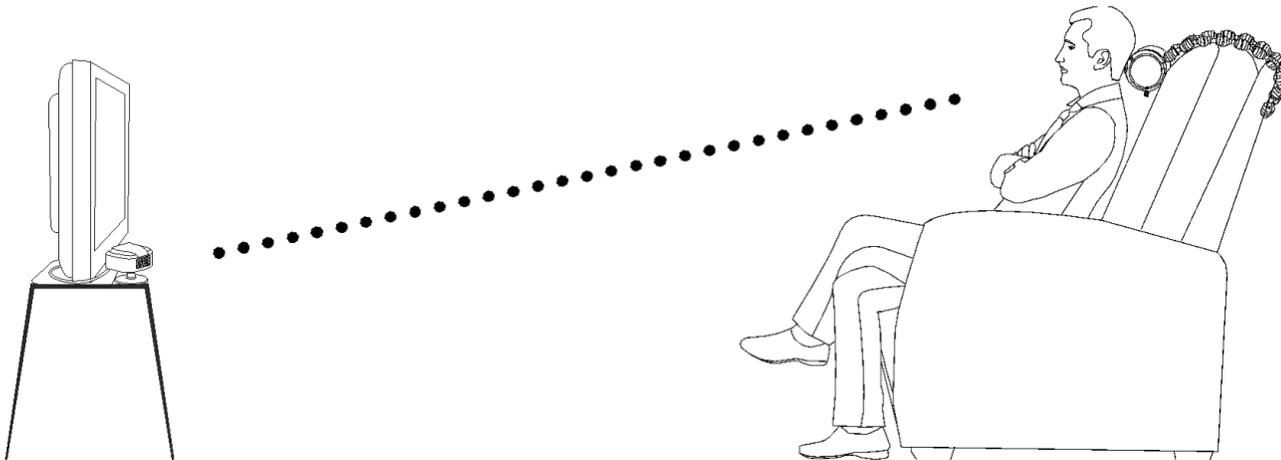


Turn on the speaker using the volume knob located on the front of the left speaker as a user is sitting in the chair.

A small light by the power input on the top of the left speaker will indicate the unit is on, this will only come on if the volume is turned on.

# Choosing a Place for the Transmitter

The IR Transmitter uses IR LED beams to carry the sound from the TV to the ChairSpeaker®. This light is similar to a flashlight beam. The IR transmitter cannot transmit through objects. The ChairSpeaker® must be in direct line of sight to the IR Transmitter with the IR output panel (7) facing the speakers. Do not cover the transmitter.



Place the transmitter on a stable flat surface so the front of the transmitter can be pointed at the ChairSpeaker®, line of sight is required. Point the transmitter towards the ChairSpeaker®. Do not cover the lights on the front of the transmitter.

ChairSpeaker® has a shelf that can be purchased to place on the TV (see below). To purchase this shelf, go to [ChairSpeaker.com](http://ChairSpeaker.com) or call 1-888-277-7941.



After you have pointed the transmitter and confirmed power lights are illuminated on both the transmitter and speakers, turn on your TV and cable/satellite box. Then check the volume of your TV.

You should have sound if not, adjust the volume knob on the speaker. If you have additional problems, you can visit our website or call us at 1-888-277-7941.

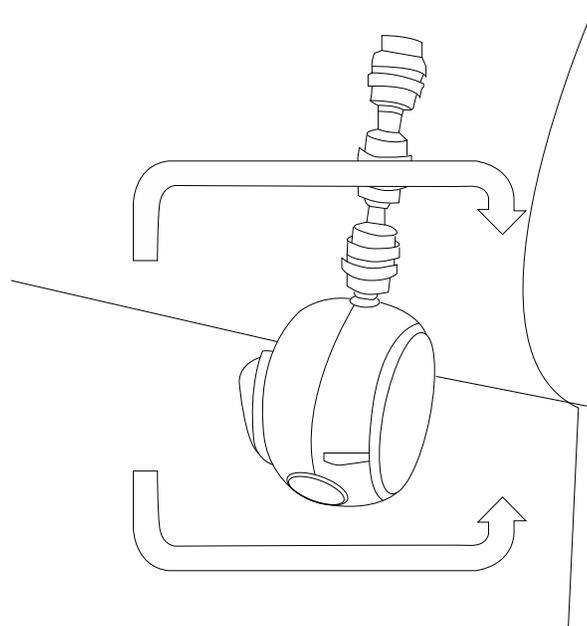
## Voice Enhancement

CS2 has selectable voice enhancement. The options are off, 1 and 2. The best way to select what setting works best for you is to try each setting and see what you like. This switch is located at the back of the transmitter see below.



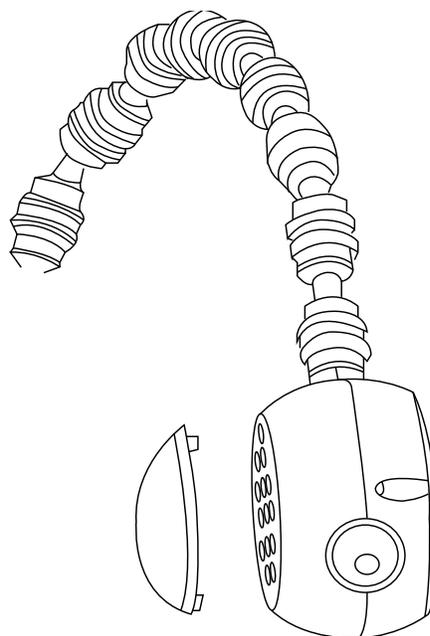
# Adjusting The Sound Zone

Speaker angle adjustment. The angle of the speakers can be adjusted to close off the sound zone or open the sound zone. This is done by turning the ball of the speaker.



Turn the speaker in towards the chair to close of the sound from the room more. You can increase the volume to the room by turning the ball away from the chair.

The sound zone can be increased to max by removing the sound cones.



If you have any issues or need help please call us M-F, 9-5 EST for help.

**1-888-277-7941**

We have other installation products and frequently asked questions (FAQ's) at [chairspeaker.com](http://chairspeaker.com)