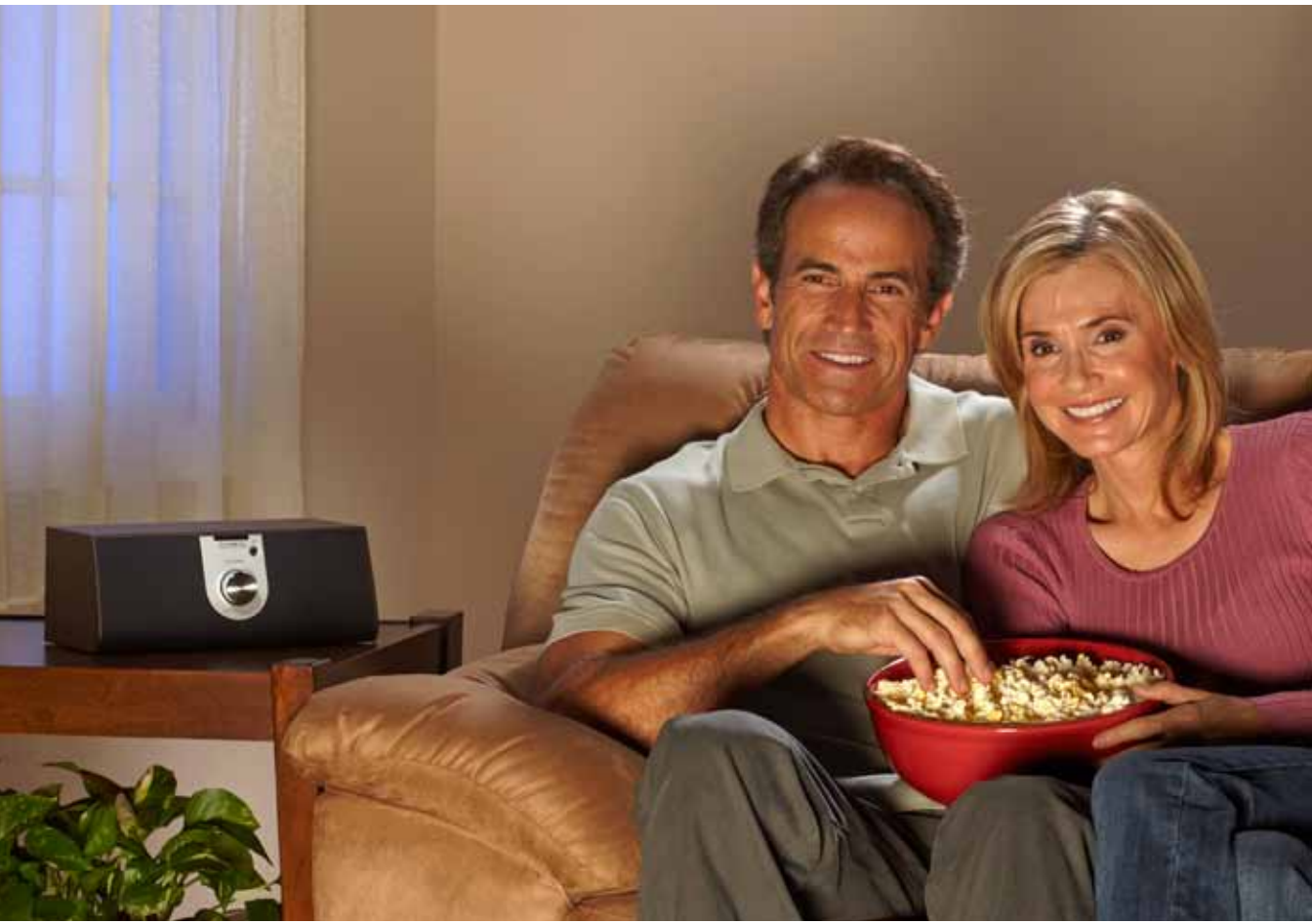
TV·EARS®



TV Ears TV Speaker
Installation Guide

Safety Instructions

1. Read all instructions completely and heed all warnings. Install in accordance with TV Ears, Inc.'s instructions.
2. Keep these instructions in a safe place for future reference.
3. Do not use or submerge TV Ears products near water, moisture, or other liquids.
4. Clean with a dry cloth.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. For safety purposes, do not deface the prongs on the AC adapters. If the provided plug does not fit into your outlet, purchase the correct adapter or consult an electrician for replacement of the obsolete outlet.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where the cord exits from the transmitter.
8. TV Ears recommends using a surge protector to protect your TV Ears from power surges.
9. Only use attachments and accessories specified by TV Ears, Inc. with your TV Ears system.
10. Refer all servicing to qualified service personnel. Servicing is required when the TV Ears product has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the TV Ears product, the TV Ears product has been exposed to rain or moisture, does not operate normally, or has been dropped, cracked, or broken.

Warning: To reduce the risk of fire or electric shock, do not expose the TV Ears product to rain or moisture. The TV Ears product should not be exposed to dripping or splashing liquids. Do not place objects filled with liquid such as vases on or near the TV Ears product.

Warning: The magnetic field emitted by the TV Ears speakers is minimal. When used as indicated, TV Ears headsets should not cause magnetic interference with pacemakers or internal defibrillators. The magnetic field strength of the speakers is less than 1 Gauss when within1 inch (3 cm) of the pacemaker or internal defibrillator. It is recommended that the user keep the ear tips at least an inch away from any pacemaker or internal defibrillator. If you have concerns, we recommend you contact your physician.

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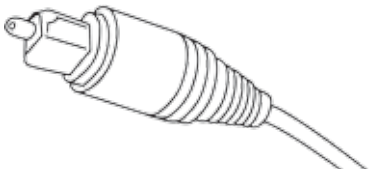
Included in Box



TV Ears Digital Transmitter

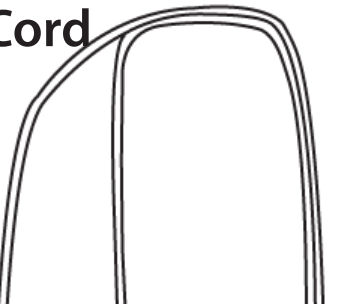
TV Ears Wireless Speaker





Optical Cord

Audio Cord



2 AC Adapters

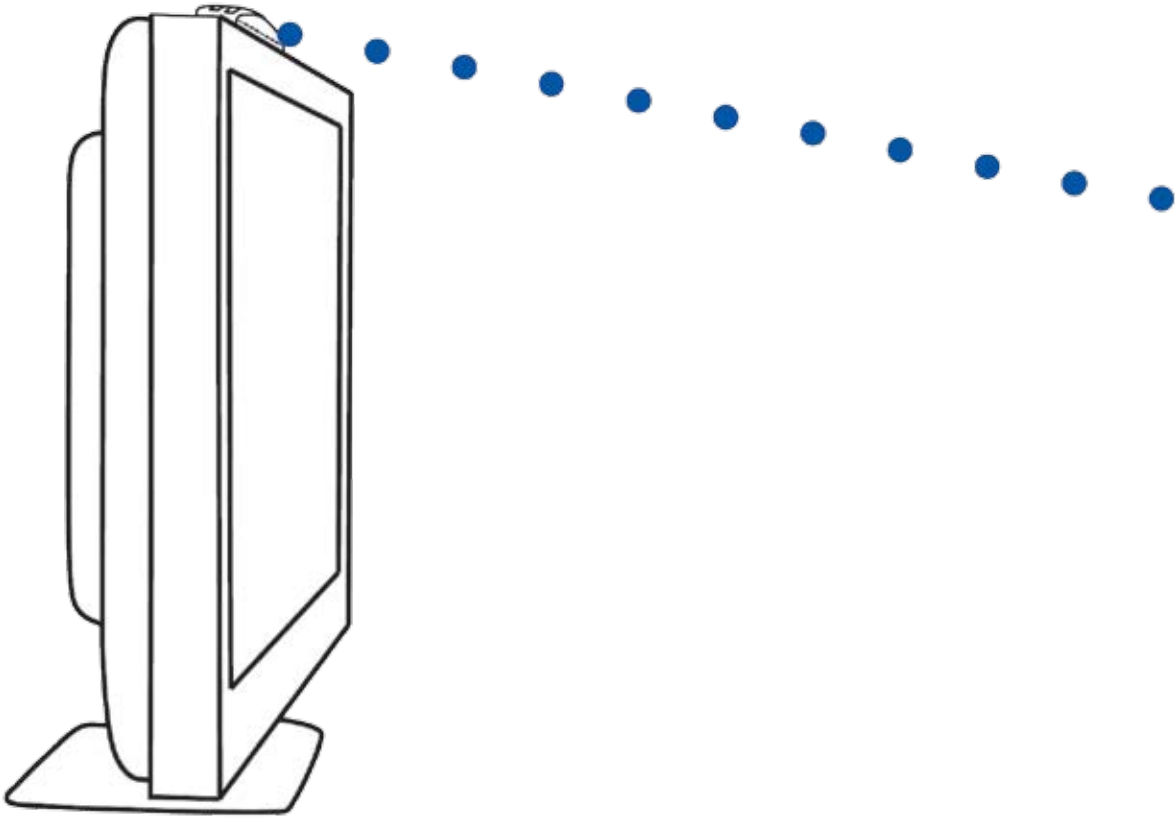


Auxiliary Cord

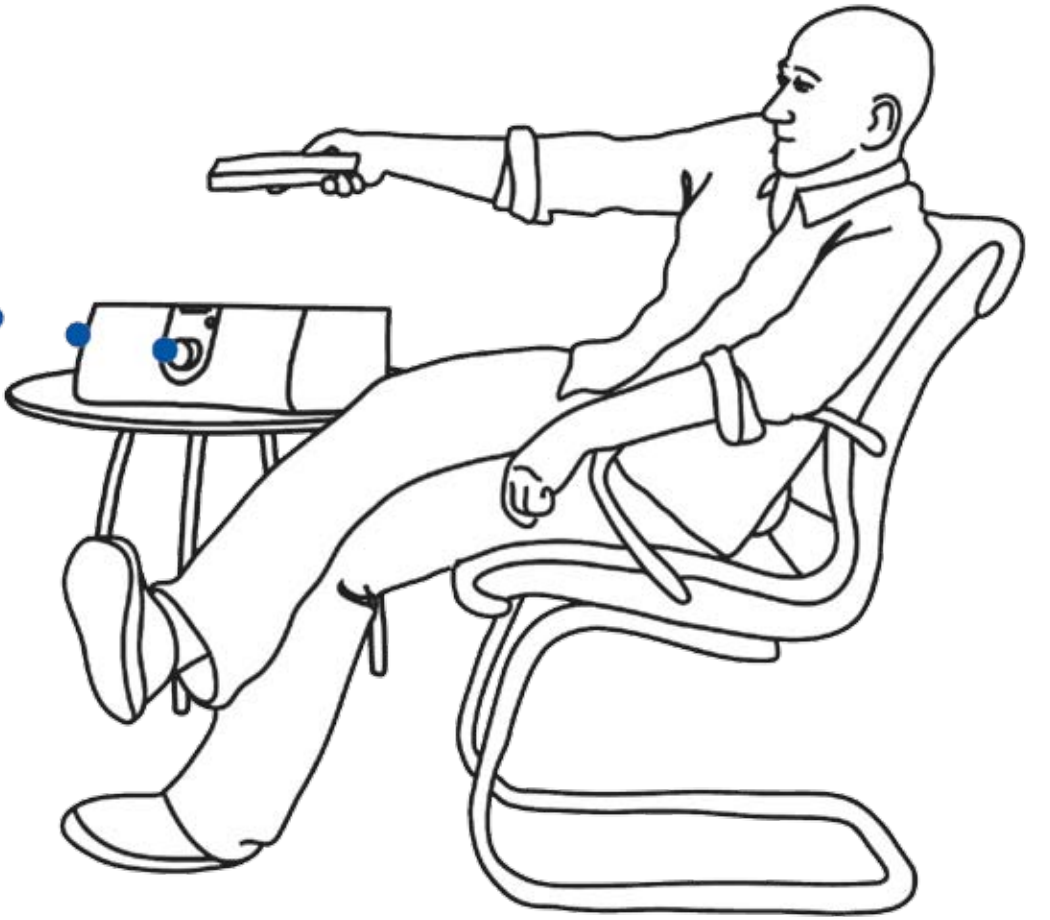


Ideal TV Ears Set Up

The infrared diodes must be in direct line of sight with the speaker so the speaker can receive the infrared signal.



The tansmitter should be placed on a flat surface 3 to 5 feet off the ground and should be pointed towards the area where the speaker will be placed.

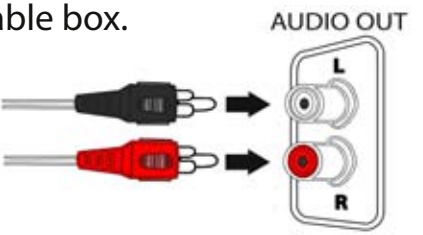


Installation | Step 1

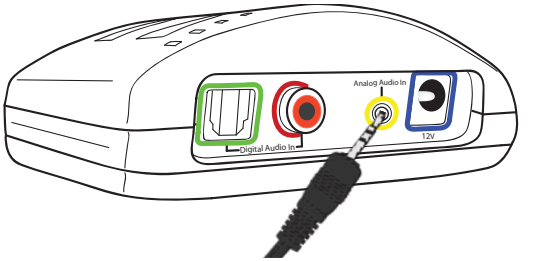
Connect the Transmitter to your TV

Analog Audio

1. Plug the dual end of the audio cord (red and black male plugs) into the analog (RCA) audio out ports on the back of the television, satellite, or cable box.



2. Plug the single end of the audio cord into the port labeled **Analog Audio In** on the back of the TV Ears transmitter.



TIP

1. Ports on the front of TVs are usually audio in ports and will not send sound to your TV Ears speaker.
2. Fixed/Variable Audio Setting: audio out ports may be marked fixed or variable/fixed or L& R. A fixed audio out setting will allow the television volume to work independently from the TV Ears speaker. The television volume can be on mute or at a low level while the TV Ears' volume can be turned up.
   - Consult your television manual / manufacturer to manually program the television to FIXED audio if currently set to VARIABLE audio.

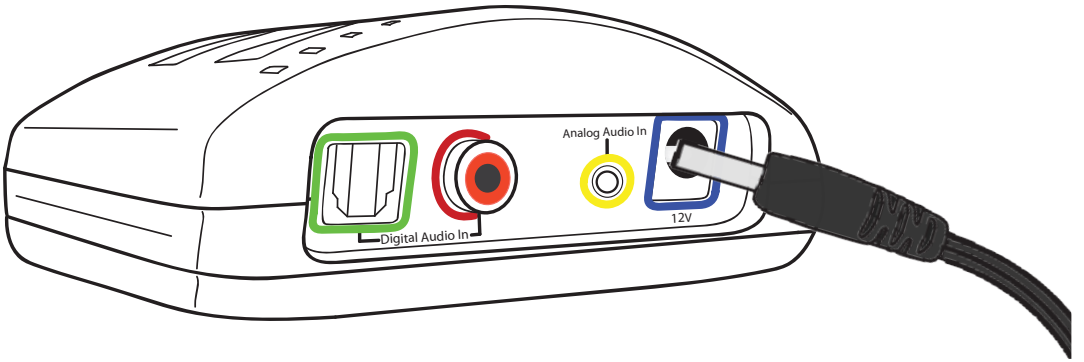
Installation | Step 2

Place and Power the Digital Transmitter

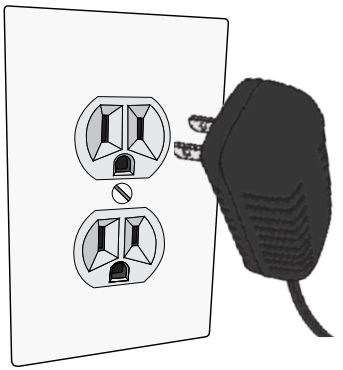
The infrared diodes must be in direct line of sight with the speaker so the speaker can receive the infrared signal.

1. Place the transmitter on a flat surface 3 - 5 feet off the ground and point it towards the area where the speaker will be placed.

2. Then plug the end of the AC adapter into the port labeled **12V** on the back of the transmitter.



3. Plug the AC adapter into a standard electrical outlet or surge protector.

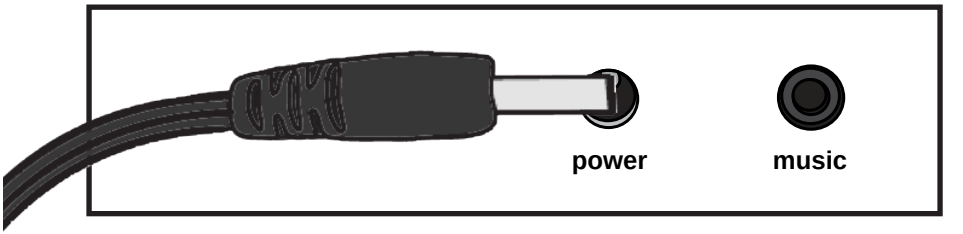


Installation | Step 3

Using the Speaker

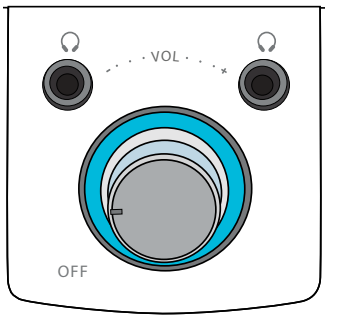
Each speaker comes with a 360º receiving dome on the top of the speaker for 360º signal reception wherever it is placed.

1. Plug the ac adapter into the port labeled **power** on the back of the speaker. Then plug the AC adapter into a standard electrical outlet or surge protector.



2. Place the speaker next to where you will be sitting or wherever you feel is comfortable.

3. Turn the big grey knob on the front of the speaker clockwise to turn on the speaker. This knob will also adjust the volume.



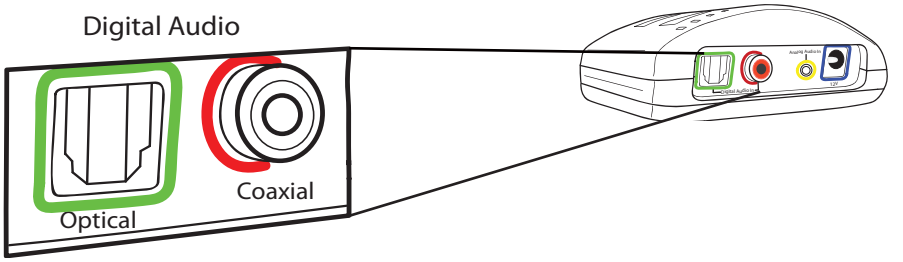
Alternative Installation

Digital Audio Connection

1. Determine which digital audio jack you will use on your transmitter and your TV, satellite, or cable box.
   - The transmitter supports optical connections with a TOSLINK-style port and coaxial connections with an RCA-style port.
   - Most devices have an optical audio output jack that is compatible with the included TOSLINK-style optical cable.
   - If you have a device that uses a coaxial jack for digital audio, you will need to purchase a standard RCA cable (standard RCA cable is not included in this package).

2. If using the optical cord, remove clear sleeves from each end. Plug in the appropriate digital audio cable into the appropriate jack labeled **Digital Audio In** on the back of the TV Ears transmitter.

3. Plug the other end of the digial audio cord into your chosen digital audio output jack of your TV, satellite, or cable box.



TIP The TV must be set to PCM mode in order for this installation option to work. TV Ears systems are not compatible with Dolby Digital. The PCM setting can normally be adjusted through the television's audio settings. Note that not all TVs have the option to be set to PCM. The amber lock light indicates that the transmitter is currently receiving a valid digital audio signal.

Frequently Asked Questions

Why do my TV Ears mute when I mute the TV?

Fixed audio out will allow the television volume and TV Ears volume to work independently from one another. Some televisions have to be manually switched from the "Variable" audio setting to the "Fixed" audio setting by using your TV menu. Not all TVs have the ability to switch from a variable to a fixed audio out (consult your television manual or manufacturer). When the TV is set to a "Variable" audio out setting, the volume of the TV Ears headset will be the same volume as the TV.

Why do I hear a television station when I'm watching a DVD/video?

When the audio cord is plugged into the analog (RCA) audio out port of a cable or satellite box AND an analog (RCA) audio out port of a DVD player or VCR, you must turn off whichever device is not in use. Turn off the cable/satellite box when watching a DVD or video. Turn off the DVD/VCR player when watching TV.

What does 2.3MHz mean?

2.3MHz is the frequency of the infrared signal that is sent by the transmitter to the headset. Infrared signals are invisible light signals and are not disturbed by electrical storms.

What is the "Music" port/hole on the back of the Speaker?

The music port allows you to attach any audio producing device that you choose. All you need is a 3.5mm auxiliary cord (included) to hook up things such as an iPod, iPad, MP3 player, or CD player.

Warranty and Guarantee

Contact Information

5 Year Limited Warranty

This 5 year limited warranty will cover defects in manufacturing and product failure for a period of five years after the original purchase date. If your product fails or breaks for any reason within 180 days of the original purchase it will be replaced with a new product of the same model at no charge. If your product fails or breaks after 180 days of the original purchase date and up to five years after original purchase date it will be replaced for 50% off manufacturers suggested retail price with a new product of the same model. If the model you purchased is discontinued you will receive a new or similar model. Perishable items such as ear tips and batteries are not covered under this warranty. Shipping charges are also not covered under this warranty.

Repairs or alterations performed by non-authorized TV Ears representatives will void the warranty and may damage the equipment. Also if the TV Ears product is taken outside of the US the warranty becomes void.

This warranty is provided at the discretion of TV Ears, Inc. and does not cover cosmetic damage or damage due to acts of nature, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the product.

Contact Information

1-800-263-4864 | For sales and returns. 9am to 5pm EST Monday through Friday.

1-800-263-4864 | For Customer Support. 9am to 5pm EST Monday through Friday.

1-905-643-0001 | Main Fax line.

questions@tvears.ca | For any email questions.

Mailing Address:
TV Ears Canada
1221 Barton St
Stoney Creek On. L8E 5G9

Manufacturer Declarations

TV Ears Declaration

All content, marks, and brand logos are property of TV•EARS® Inc. TV•EARS® Inc. reserves the right to change product content and product specifications without notice.

CE Declaration of Conformity

TV Ears is in compliance with the essential safety requirements and other relevant provisions of Standard IEC 60065:2001 + Ammd 1:2005 / EN 60065:2002 and Directive 2004/108/EC; 2006/95/EC, 89/336/EEC, 92/31/EC, 93/68/EEC. Before putting the device into operation, please observe the respective country specific regulations.

WEEE Declaration

TV Ears products are developed and manufactured with high-quality materials and components that can be recycled and/or reused. This symbol indicates that electrical and electronic equipment must be disposed of separately from normal waste at the end of its operational lifetime. Please dispose of this product by bringing it to your local collection point or recycling center for such equipment. This will help protect the environment.

Technical Specifications

Specifications

System	
Modulation	Infrared, Mono
Carrier frequencies	2.3 MHz
Range	2000 sq. ft (185.5 m^2)
Audio frequency response	80-18,000 Hz
THD	< 1%
Speaker	
Max SPL	90 dB
Power Supply	DC Switching Power Supply 12v, 0.8A
Weight	3.15 lbs (50.4 oz)
Height	4.25" x 11" x 6.5" (10.8cm x 28cm x 16.5cm)
Transmitter	
Audio / Microphone connection	Mini headphone/RCA cable/Microphone/Optical
Power Supply	DC Switching Power Supply 12v, 0.3A
Weight	4 oz (113.4g)
Dimensions (H x W x D)	1.75" x 4.375" x 3.625" (4.5cm x 11.1cm x 9.2cm)

Other TV Ears Products



TV Ears 3.0 System

MSRP $129.95 Item # 11341
3.0 Headset, 3.0 Transmitter, Audio Cord, and AC Adapter



TV Ears Digital System

MSRP $229.95 Item # 11241
Digital Headset, Digital Transmitter, Audio Cord, Optical Cord, AIK, and AC Adapter



TV Ears TV

MSRP $795.00 Item # 10901
32" LCD TV, ClearSounds Bluetooth Neckloop, and Universal Remote

Since 1998

TV Ears has been helping people hear TV. Backed by the recommendation of thousands of Audiologists and Doctors nationwide, TV Ears has become the #1 selling brand for wireless TV listening devices with over 1 Million satisfied users.

Call to order: 1-800-263-4864

OR

Order online at www.tvears.ca