

# **SERENE “TV95” WIRELESS TV LISTENING SYSTEM**

## **“QUICK REFERENCE GUIDE”**



**PARTNERS IN INNOVATION**

June 2015

# Serene Wireless TV Listening System



**ADDITIONAL  
HEADSET  
# TVRX**



**EARBUD  
REPLACEMENT  
COVERS  
# TVEBC  
S, M, L  
(3 Pairs)**



**MAIN  
UNIT  
# TV95**



**NECKLOOP,  
# TVNC**



**REPLACEMENT  
EAR HOOKS  
# TVEB (per pair)**

## FEATURES

- It's **wireless**, it **rests naturally** and **gently on your shoulders &** lets you listen in great comfort.
- **Delivers CD quality** stereo sounds and **life-like sound effects** directly to your ears.
- Noise isolation speakers stay gently in your ear without creating pressure or discomfort.
- Ear buds are extremely comfortable and pliable, comes with 3 sizes (per pair) to allow the user to fit the correct size to the their ears.
- It's so light weight that you feel like you're not wearing anything.
- Adjustable Digital Tone control enhances dialog clarity and intelligibility to suit your hearing.
- **Long battery life**—up to **24+ hours** of listening time on full charge.
- **Standard rechargeable AAA Ni-MH** (qty. 2) batteries (included).
- Optional tele-coil for people wearing t-coil hearing aid.
- Unlimited number of headphones can receive a signal from 1 transmitter (line-of-sight).

## **TV95 wireless TV listening headset**

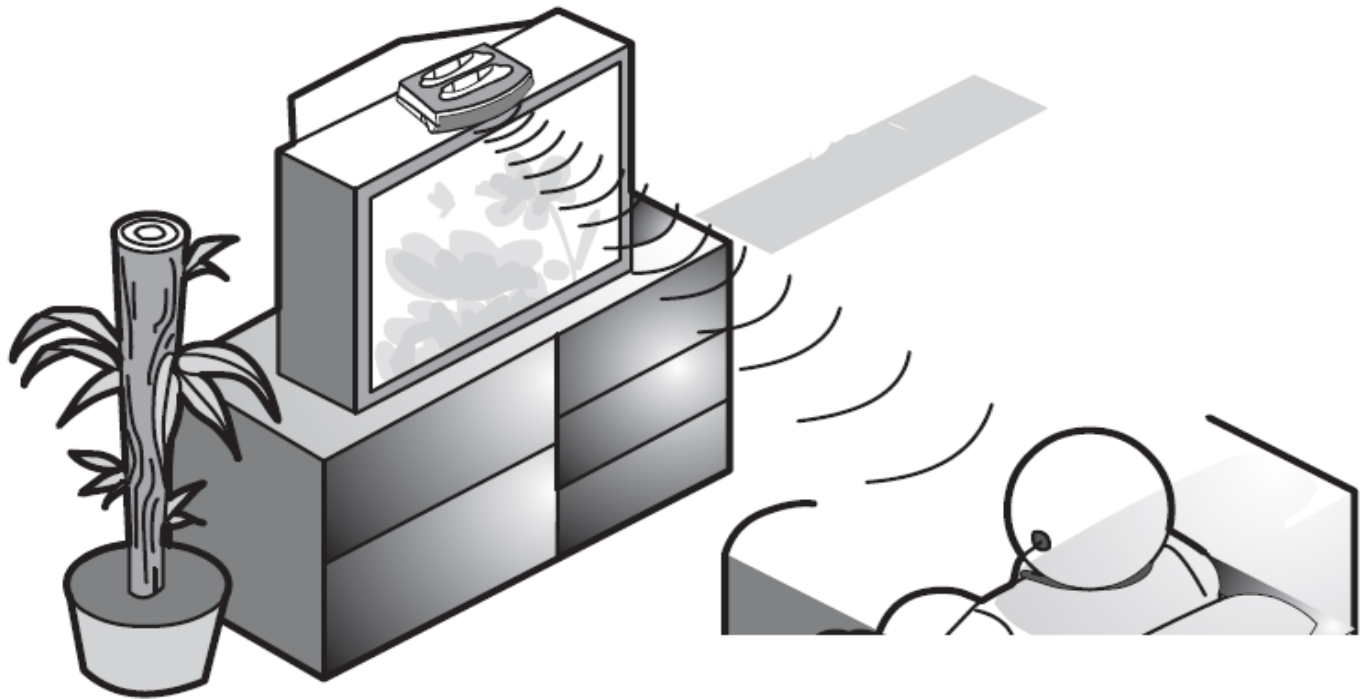
### **Technical Specifications**

- IR (Infrared) carrier frequency: 2.3 / 2.8 MHz.
- Adjustable volume control: Rotary type.
- Compatible with all TV types: Yes.
- Optional microphone module (part # TVMIC) for compatibility with older analog TV's.
- Removable earbud design (2.5 mm output jacks): Yes (accepts Earbuds, Telecoil, Neckloop and HAC headphone).
- Hearing aid compatible: Yes (when used with Serene Telecoil, Neckloop or Headphone accessory).
- Output level: 115 dB SPL.
- Over-the-shoulder receiver design for zero ear-pressure wearing comfort: Yes.

## **TV95 wireless TV listening headset** **Technical Specifications**

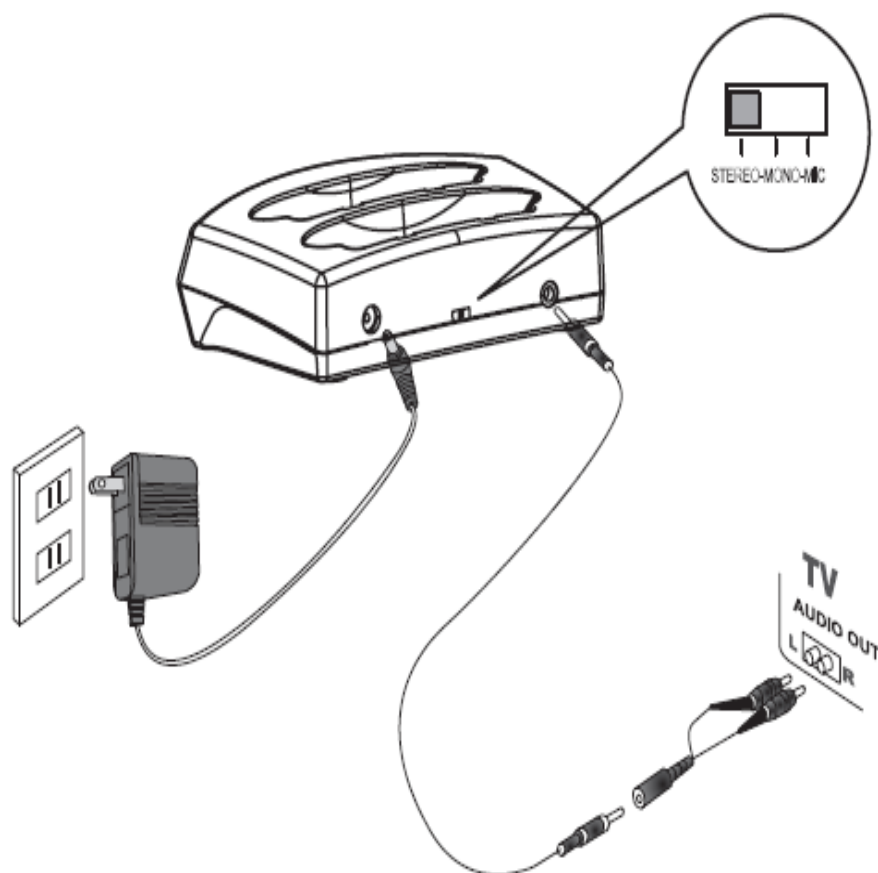
- Receiver Tone control settings: 3 settings (Hi-Med-Lo).
- Receiver battery life: 30 hours (600 ma-hr NiMH batteries included).
- Modulation: FM stereo.
- Range: Up to 30' x 30' room.
- Frequency response: 50 Hz to 16 kHz.
- Total Harmonic Distortion: < 3%.
- # of charging port in base transmitter: 2 (for 2 headphones, extra headphone par # TV95RX).
- Transmitter power supply: 12 vdc, UL listed Class 2 adapter.

## PLACEMENT OF THE TRANSMITTER BASE



Place the transmitter on top of your TV or on your TV stand so that its front (line of sight) is pointed directly at the viewer. Make sure there is nothing in front of the receiver blocking the path. The powerful transmitter can cover any room size up to 30 ft × 30 ft.

# CONNECTING THE TRANSMITTER TO YOUR TV, CABLE BOX, OR OTHER SOUND SOURCE



## Option 1 (Recommended)

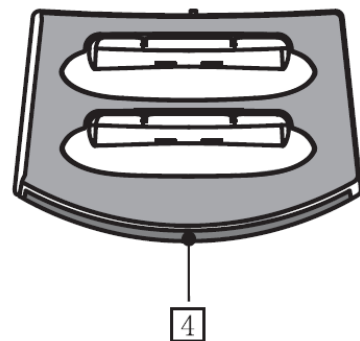
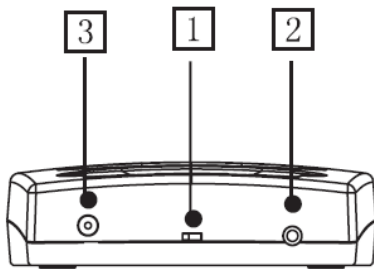
1. Set the selector switch on the transmitter base to stereo mode.
2. Use the provided audio cable (and audio adapter) to connect "TV Audio" on the transmitter base to the **audio-out** jacks of your TV (or cable box) as shown.
3. Connect and plug in the AC Adapter as shown. The IR diodes glow behind the IR transmitter window as long as the TV/sound source is on to indicate that signals are being transmitted.
4. Set the TV volume to a comfortable level. On many TV sets, you may "Mute" the TV speaker output and still be able to hear via the TV-Direct.



# CONNECTING THE TRANSMITTER TO YOUR TV, CABLE BOX, OR OTHER SOUND SOURCE

- Option 2** Same procedures as Option 1, except that you plug the audio cable into the headphone port (usually located at the front of your TV). If you use this connection mode, adjust the volume of the headphone output to a medium level. If this connection mutes the TV speaker sound, you can deactivate the muting function by using the TV setting menu.
- Option 3** If TV does not have a headphone or audio output jacks, you can place an optional microphone module directly in front of your TV loudspeaker to pick up the sound for transmission. Connect the other end of the microphone module to "TV Audio" at the rear of the transmitter base. Set the Selector to the MIC position. (This optional microphone module model TV-MIC, item number TV6001 is available from a Serene Dealer).

## FEATURE IDENTIFICATION



## TRANSMITTER BASE

1. Stereo/Mono/Microphone Selector switch.
2. Audio-in jack for all audio inputs.
3. AC adapter input jack.
4. IR transmitter window.

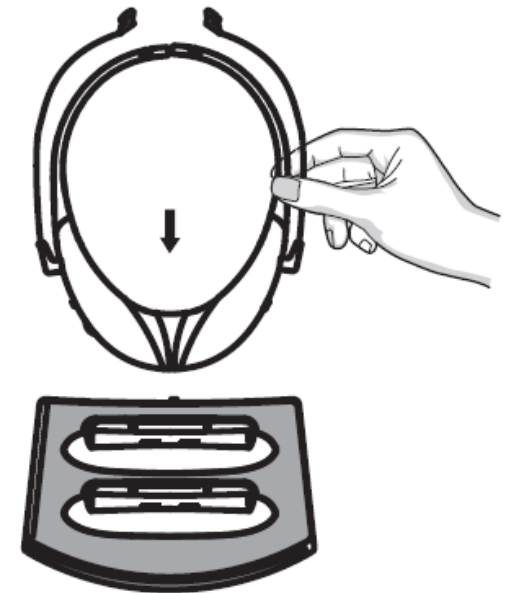


## USING THE TV-DIRECT RECEIVER

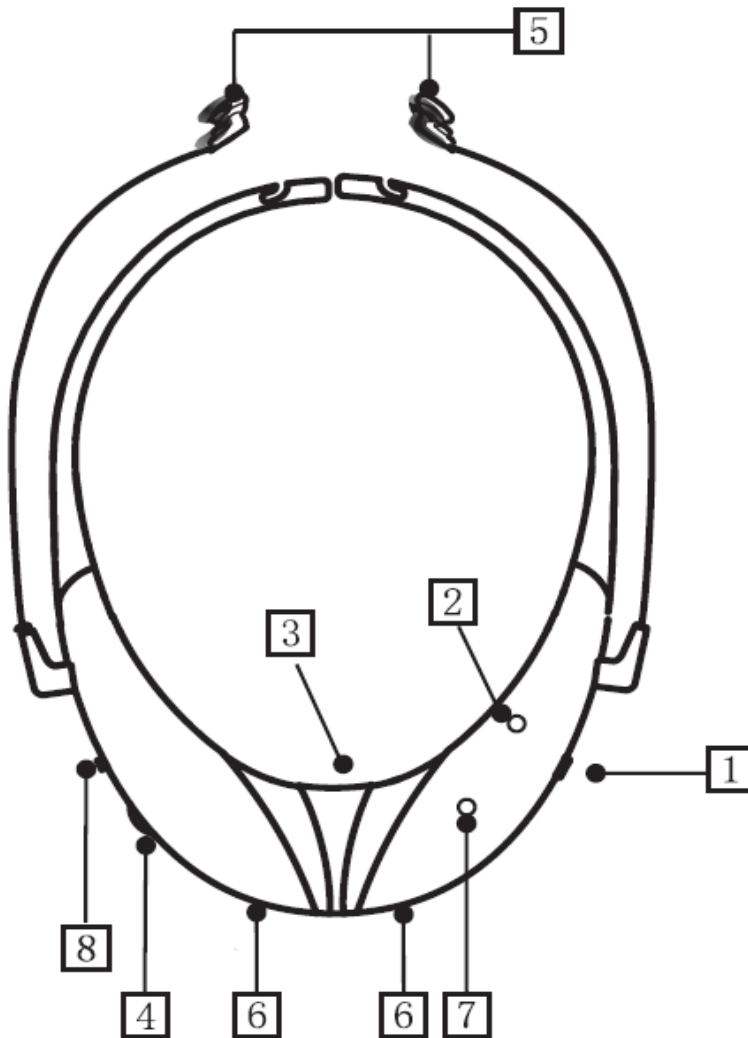


1. Set the volume to a low level (to protect your hearing from sudden loud sound) before putting on the ear buds.
2. Place the receiver gently on your shoulder and press the ON/OFF button to turn on the receiver, its ON/OFF indicator will light up.
3. Adjust the sound level to a comfortable level.
4. Set the tone control to a position that enables you to hear and understand all the dialogue best.
5. The charging LED indicator in the receiver lights up as long as the receiver is placed in the transmitter for recharging. A fully charged battery provides about 30 hours of listening enjoyment.

6. The transmitter can charge two receivers at the same time. There is no limit on the number of receivers used with a transmitter.
7. To conserve battery power, the receiver automatically shuts off if no IR signal is detected for a period of 40-80 seconds.



## FEATURE IDENTIFICATION



## RECEIVER

1. Receiver On/Off pushbutton.
2. Receiver On/Off power supply indicator.
3. Battery compartment (rear).
4. Volume control.
5. Left and right earphones
6. Battery charging contacts.
7. Charging indicator light.
8. Tone control to enhance dialog clarity and intelligibility (Low-Mid-High).

## **POINTERS – TROUBLE SHOOTING:**

SOUND cutting in or out or very faint:

1. Check that there is nothing blocking the line-of-sight from the transmitter (eg. Clothing or something in front of the transmitter).
2. Check that the problem is not the ear hooks; move the ear hook that is causing the problem to the other side of the headphone. If the problem follows the ear hook then the ear hook/s need to be replaced (part # TVEB).
3. Assure that the headphone has been charged. If the power runs low then the sound can either be heard as static or cutting in and out.
4. Check the Selector Switch on the transmitter. Move it to another Selector setting to see if the sound is stronger or now can be heard. The Selector Switch may have accidentally been moved.

No sound:

1. Check that the headphone/s has been fully charged.
2. Check that “rechargeable batteries” are in the headphone (regular batteries will damage the headphone and render the warranty null & void).
3. Check that the red light comes on the headphone when it is put into the charger.
4. Check that the AC power cord is plugged in. If no power then try in another AC outlet.
5. Check that the TV95 has been plugged correctly into the TV or Cable Box or other sound source.