SERENE® innovations

SEREONIC TV-SOUNDBOX

OPERATING GUIDE

Thank you for purchasing this product.
Please read before use.

Keep this manual for future reference.

MODEL BT-200

VOL -   VOL+

SEREONIC

LOW BAT/
CHARGING

POWER

Thank you for purchasing the SEREONIC TV-SoundBox. Please read this operating guide very carefully before use and keep it for future reference. If you have any questions, please free to contact our Customer Support Department

Toll-Free Help Line: 866-376-9271 (8AM-5PM PST; M-F)

IMPORTANT SAFETY INSTRUCTIONS:

Please read these instructions carefully before using the SEREONIC TV-SoundBox.

- Always keep the system dry. Do not immerse in water.

- For your safety, do not attempt to open the unit. Attempting to open the unit violates your warranty.

- SEREONIC TV-SoundBox use a standard 18650 type Lithium-Ion battery. Please observe the safety and handling instructions for the lithium-ion batteries. Please dispose of the unit/used batteries properly, following local regulations. Do not dispose of the unit/used batteries in the household trash. Do not incinerate. Take the equipment to a nearby recycle center.

- Do not unplug by pulling on power cord. To unplug, grasp the plug, not the power cord. Unplug from outlet before servicing or cleaning. Do not operate any device with a damaged cord or plug, or after the device malfunctions, or is dropped or damaged in any manner. Return device to the nearest authorized service facility for examination, repair or electrical or mechanical adjustment.

CONNECTING YOUR SEREONIC TV-SoundBox:

There are multiple ways to connect your SEREONIC TV-Sound-Box.

Option 1: Connect using the Analog Audio out on your TV (see Fig. 1. If Analog Audio connections are occupied see Fig. 1A)

Option 2: Connect using the TV headphone output jack. (See Fig.2)

Option 3: Connect using your Satellite/Cable-box Analog Audio connections. (See Fig. 3. If your Analog Audio connections are occupied see Fig. 1A).

Option 4: Connect using the Optical Audio output form your TV or Satellite/Cable-box. (See Fig 4)

Option 5: Connect using HDMI output from your Satellite/Cable-box. (See Fig 5)

Option 6: Connect to streaming app such as Netflix or other similar apps. (See Fig. 6)

PACKAGE CONTENT CHECK:
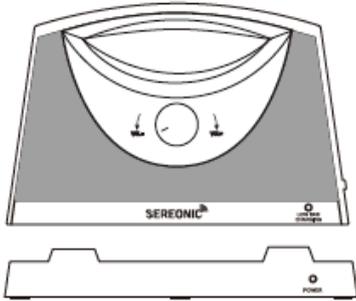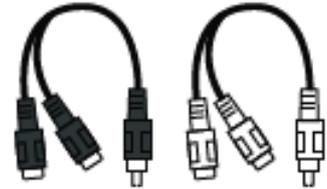

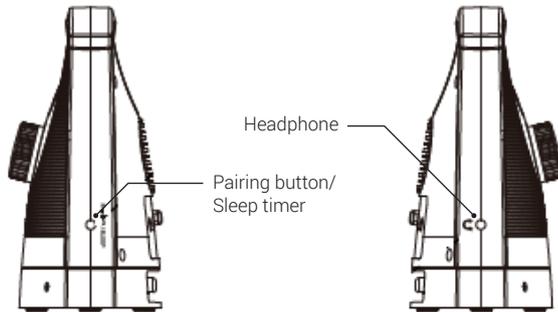Wireless Receiver (Speaker)

Transmitter Base

AC Adapter

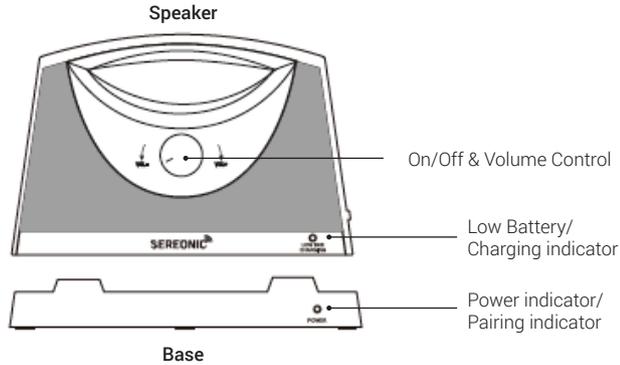RCA Y-Adapter Cables (X2)

Operating Guide

Analog Audio Cord

Digital Optical Cord*

*(Please remove plastic cap from Optical cord tips)

Fig. A

PRODUCT FEATURES:

Speaker

On/Off & Volume Control

Low Battery/
Charging indicator

Power indicator/
Pairing indicator

Base

Headphone

Pairing button/
Sleep timer

Fig. B

Tone Control   AC Adapter   Audio input
(when used as stand alone Speaker)

Optical Input   USB Power Out

AC Adapter   Audio Input   Pairing Button
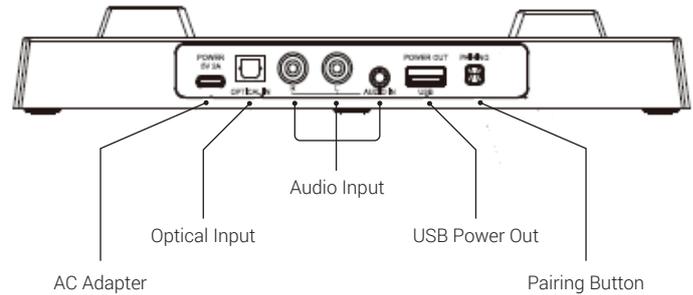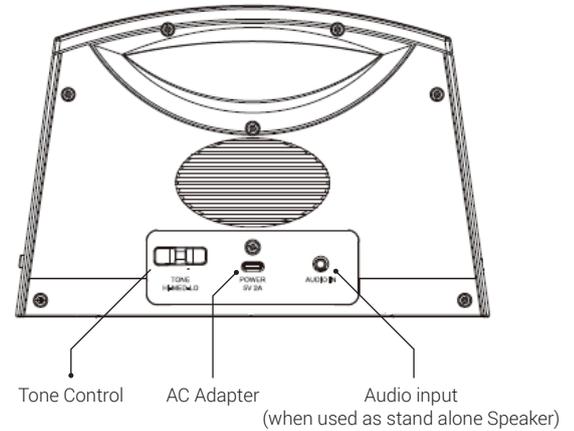
Fig. C

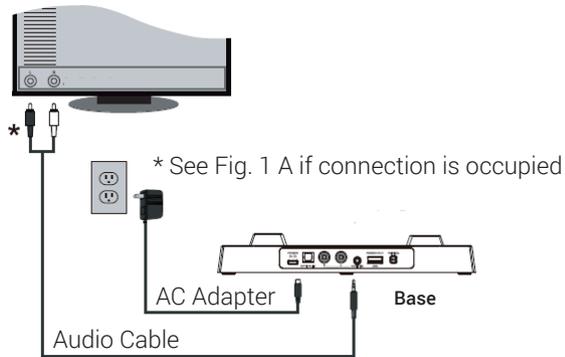# CONNECTIONS & SET UP:

01 Connect to the RCA Analog Audio out on your TV:

Connect the Base to the back of the TV using the RCA to 3.5mm cable as shown below. Once audio is detected, the green LED on the Base will stop flashing; a slow blinking LED indicates audio is NOT detected. Make sure your TV is on and the Audio settings in your TV is set to output sound to external speakers.

* See Fig. 1 A if connection is occupied

AC Adapter   **Base**

Audio Cable

Fig. 1

*If RCA audio connection on your TV are occupied by another device, use the supplied Y Splitters cables as shown in Fig. 1A

If RCA connections are occupied by another device:

If RCA audio connections are occupied by another device, use the supplied RCA Y Splitters cables as shown below

Y Splitters provided

To other device   To other device

AC Adapter

Audio Cable

Fig. 1A

02   Connect to the TV headphone output jack:

Connect the Base to the back of the TV using the RCA to 3.5mm cable as shown below. Once audio is detected, the green LED on the Base will stop flashing; a slow blinking LED indicates audio is NOT detected. Make sure your TV is on and the Audio settings in your TV is set to output sound to external speakers.
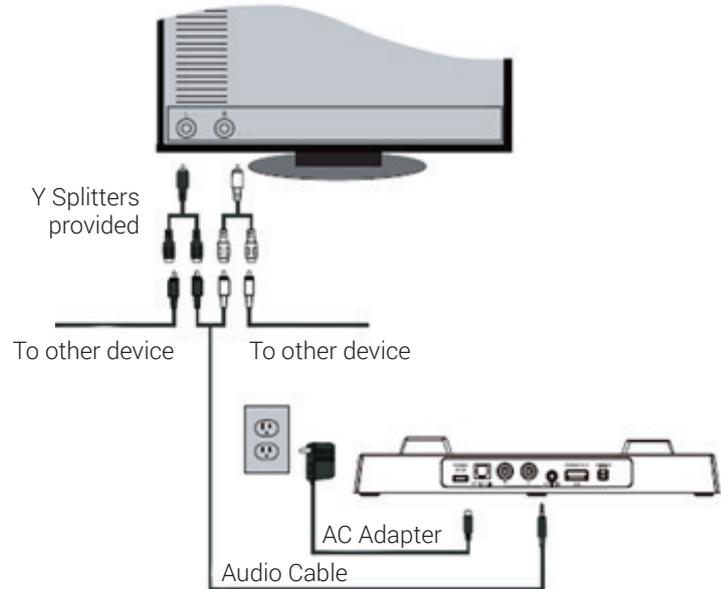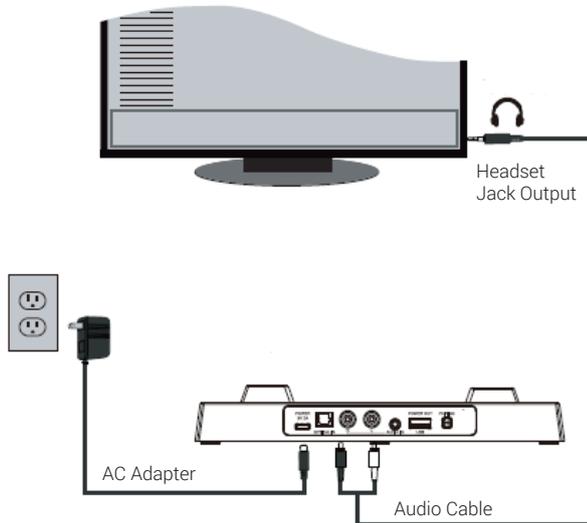
Headset
Jack Output

AC Adapter

Audio Cable

Fig. 2

03   Connect to the Satellite/Cable box RCA output:

Connect the Base to the RCA audio output on the satellite/cable-box using the supplied RCA to 3.5mm cable as shown below.

TV Cable/Satellite Box,
Set Top Box, DVD Player, Blue-ray
Player and Gaming Console

* See Fig. 1A if connection
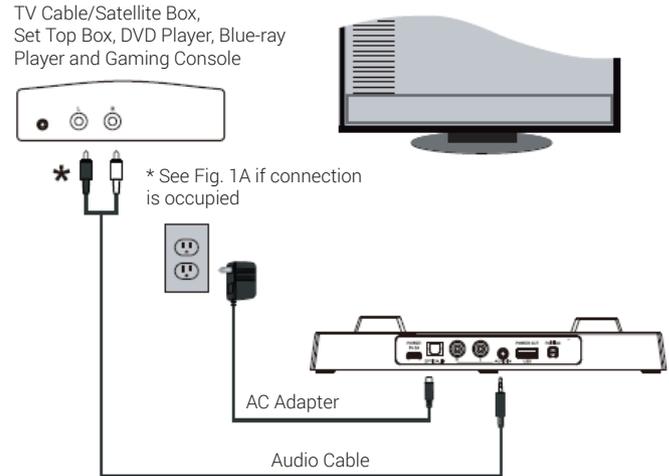is occupied

AC Adapter

Audio Cable

Fig. 3

*If RCA audio connection on your Satellite/cable-box are occupied by another device, use the supplied Y Splitters cables as shown in Fig. 1A.

Connect the Base to the TV Optical audio output using the supplied optical cable as shown below. Please make sure Digital Audio setting is set to PCM format. You can change your audio setting in the audio/sound section of your TV menu.
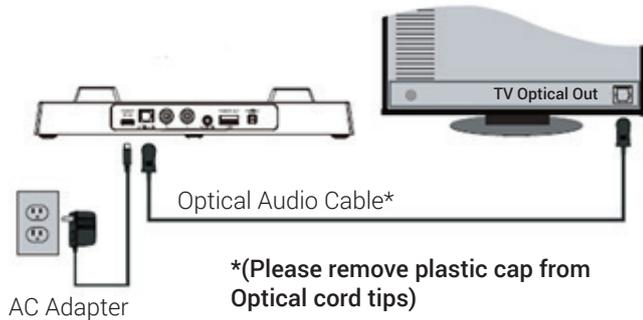

TV Optical Out

Optical Audio Cable*

*(Please remove plastic cap from Optical cord tips)

AC Adapter

Fig. 4

This connection requires HDMI converter (sold separately).

01. First connect HDMI cable from the HDMI out on your Satellite/Cable-box to the HDMI input on the converter

02. Connect another HDMI cable from the converter HDMI output to the HDMI input on your TV.

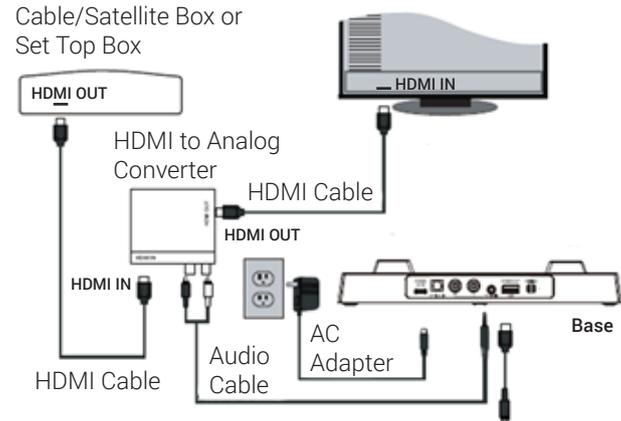03. Connect the Base to the HDMI converter using the supplied RCA to 3.5mm cable as shown below.

Cable/Satellite Box or Set Top Box

HDMI OUT

HDMI IN

HDMI to Analog Converter

HDMI Cable

HDMI OUT

HDMI IN

AC Adapter

Base

HDMI Cable

Audio Cable

Fig. 5

06 Connect to streaming app such as Netflix:

Some video services stream their program with 5.1Ch. Dolby Digital Audio. BT-100 is not equipped to decode Dolby digital audio stream. You can use one of the two methods below to connect your BT-100 to streaming services such as Netflix or other similar streaming services.

01. Change the audio setting on your TV to PCM audio. If your TV does not support PCM, use method 2 below.

02. Connect the Base to your TV or console that is streaming the video service via Optical audio connection using a Digital to Analog converter (sold separately) as seen in Fig. 6. On the right.
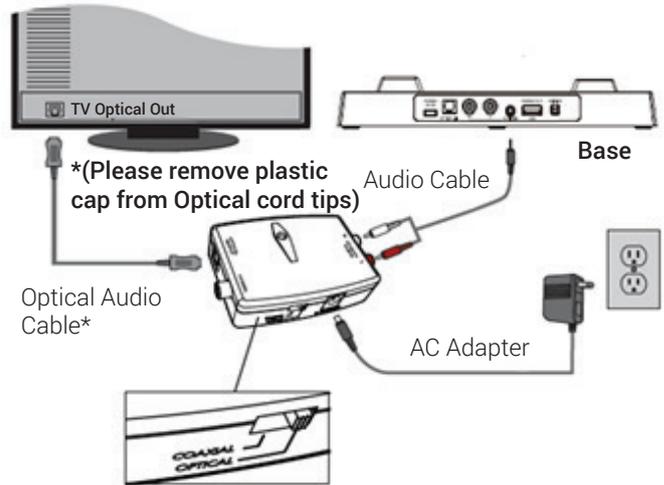

TV Optical Out

Base

*(Please remove plastic cap from Optical cord tips)

Audio Cable

Optical Audio Cable*

AC Adapter

Fig. 6

DOLBY DIGITAL 5.1 and PCM (PULSE CODE MODULATION):

Newer TVs have the option to set digital audio output to either Dolby or PCM (you can find what type of output your TV has in the audio/sound section of your TV menu). The SEREONIC TV-SoundBox only works with PCM digital audio format. If you are using the Optical Audio connection as shown in Fig. 4, set your TV to PCM digital output. If your TV does not support PCM audio format and can only output Dolby Digital, you will need to use a Digital to Analog converter as shown in Fig. 5. Please note that some streaming services such as Netflix or other similar services will at times stream a program with Dolby Digital audio format.

## PLACEMENT OF THE SEREONIC TV-SoundBox BASE:

It is recommended to place the Base of the SEREONIC TV-SoundBox on top of your TV stand next to your TV as shown below.
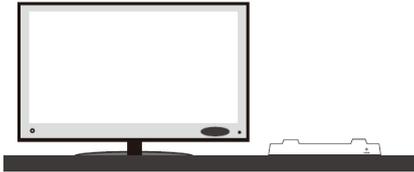
CHARGING:

Place the Speaker on the Base as shown below for 4+ hours before first use. During charging, the low battery/charge green LED indicator blinks. When the Speaker is fully charged, the green LED will stop blinking and stay steadily lit. A fully charged battery will provide you about 7.5 hours of listening time at moderate volume.

When the Speaker is not in use or when the low battery indicator blinks, place the Speaker back on the Base for recharging.
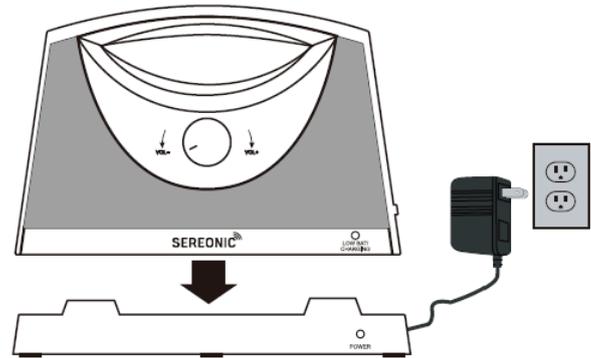
OPERATIONS:

01. Rotate the knob to turn Speaker On or Off and to adjust its volume. The blue ring light will be on.

02. The SEREONIC speaker volume control works independently from your TV speakers, you can turn down your TV speakers to low or off. On some TV's, you may need to use your remote to go into the TV menu to achieve an optimal audio/speaker setting. Please refer to your TV user manual for details.
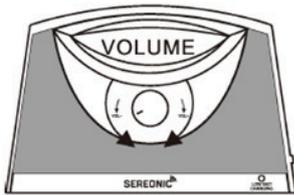
Back of Speaker

Tone Adjustment

03. To conserve battery power, the Speaker will turn itself off if no audio signal is received from the Base for a period of 2 minutes.

   Note: The Speaker will not turn itself back on automatically after auto power off. To turn the speaker on after auto power off, rotate the volume knob to the off position and turn the Speaker on again.

04. Set the Tone Control on the back of the Speaker to a position that enables you to hear and best understand the audio dialog.

Sleep Timer

The SEREONIC TV-SoundBox is designed with a built-in, one-hour sleep timer to gently reduce the speaker volume gradually over 1 hour to allow you to fall asleep and will automatically power off after 1 hour.

To turn on the 1-hour Timer:

01. Press the SLEEP button once on the side of the Speaker to start the timer. The volume knob ring light will slowly fade in and out.

02. At certain timer intervals, the speaker volume will be gradually reduced to help you fall asleep.

03. The Speaker will turn off when timer has expired after 1-hour.

04. To enable the Speaker sound again after the timer has expired, turn the volume knob all the way to off, and then back on again.

05. The Speaker will re-connect with the Base, and audio sound will be played.

To turn off 1-hour Timer after it has started:

Press the SLEEP button once to turn off the timer. The volume knob ring light will stop flashing.

PAIRING AND CONNECT:

Your SEREONIC TV-SoundBox has already been paired and ready to go right out of the box. In case that a re-pairing or re-connection between the Speaker and the Base is needed or you need to pair additional Speakers please follow the steps described below in SPEAKERS PAIRING.

SPEAKERS PAIRING:

You can add up to 10 Speaker to work with your Base. If you need to re-pair your existing Speaker or pair additional Speaker to the Base, please follow the steps below.

Make sure the Speaker is fully charged.

Make sure your current Base is properly connected and the green LED on the base is NOT blinking and steadily lit.

To pair a Speaker to the Base

01. Turn on the Speaker.

02. Press and hold the PAIRING button on the side of the Speaker until the volume knob indicator starts blinking.
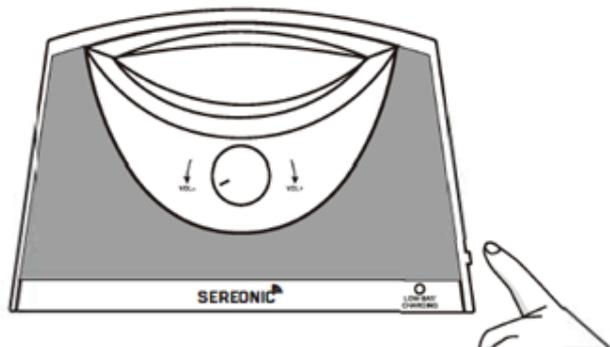
03. Press and hold the PAIRING button on the back of the Base as shown below until the green LED starts blinking.
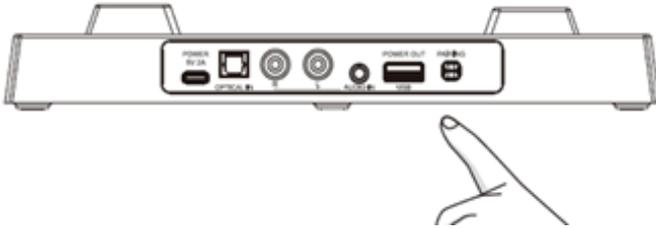
04. As soon as pairing is successful the audio sounds will start playing.

05. Repeat the steps again if pairing was not successful.

   Note: *If you are pairing multiple speaker, you can only pair one speaker at a time.*

USING A HEADPHONE:

Plug in your headphone to the Headphone jack on the side of the Speaker as shown below. No sound will be emitted from the Speaker while the Headphone jack is plugged in. Adjust the headphone volume by rotating the Volume knob on the Speaker.
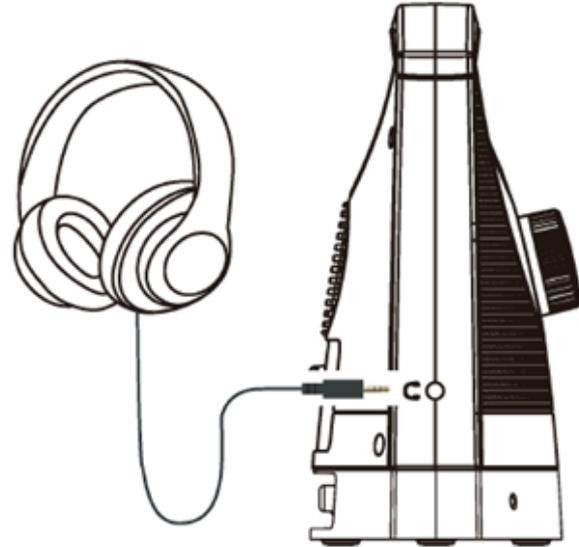
STAND ALONE SPEAKER CONNECTION:

Connect your audio source to the Audio Input jack on the back of the Speaker as shown below. This input will override the transmitter Base audio signals.
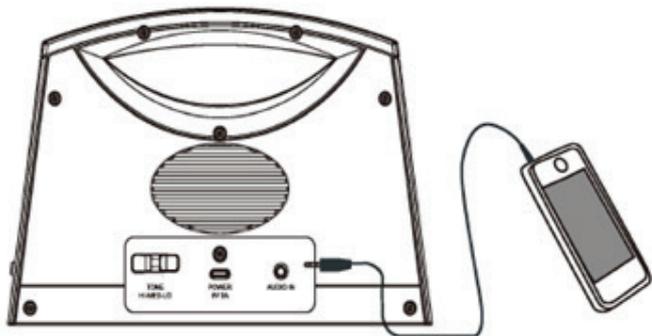

Note: Make sure the volume level is set high on your audio source device. The volume on the SEREONIC TV-SoundBox and your audio source device both need to be set to highest level for the loudest volume. The volume control on your audio source device and the SEREONIC TV-SoundBox works independently of each other.

CONNECTING YOUR SPEAKER TO A DIRECT POWER SOURCE:

Purchase an additional AC adapter (available from Serene) and plug it into the Speaker as shown below. This way, you can place and keep the Speaker at the same location without the need to return it to the Base for recharging.

Back of Receiver
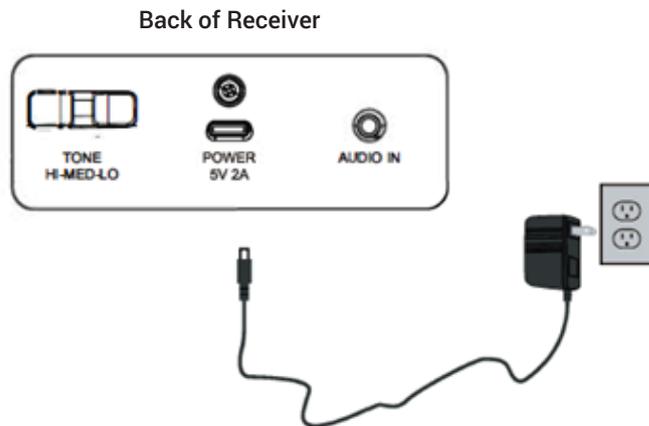
TROUBLESHOOTING:

No sound from the Speaker.

A blinking green LED on the base indicates that audio is NOT detected by the base. Please check all connections to ensure that all the cords are firmly connected at the back of the base and TV Also, confirm that the Speaker is not more than 100 feet away from the base.

There is sound from the TV, but no sound from the Speaker.

Check your TV speaker setting by going into the TV Menu, using your TV remote and ensuring the TV is sending audio signals to external speakers.

If you are using Digital audio connection such as Optical or HDMI connection, please make sure that the audio setting on your TV sound is set to PCM and NOT Dolby digital. Please refer to the Dolby Digital section on page X.

The Low Battery/Charging indicator keeps blinking on the Speaker.

This indicates that the battery is low and needs to be placed on the base for recharging. When fully charged, the blinking will stop. If the blinking does not stop, check to make sure the Speaker is firmly connected and properly seated on to the Base.

CLEANING AND MAINTENANCE:

Unplug the AC adapter from the wall. Use dry, soft cloth to clean and dust the outside surfaces and the charging contacts. Do not immerse the Speaker or the Base in water.

OPTIONAL ACCESSORIES:

BT-200RX
Extra receiver for added Convenience and mobility

BT-200 APTR
Extra adapter to charge your Speaker without the base.

HAC-200

DAX-200

HDMI to Analog Converter for connecting the BT-200 to you TV using HDMI port from your TV cable/Satellite Box.

Digital to Analog Converter for connecting the BT-200 to your TV using Optical output Port for Dolby Diggital Audio.

SPECIFICATIONS:

RF Transmission	2.4GHz Frequency
Speakers	2 X 5W Class D
Frequency Response	20Hz -20KHz
Battery	1 X 18650
Charge Time	4+ hours
Receiver Range	up to 100 ft (30m) open field
AC Adapter	Input 100-240VAC/50-60 Hz Output 5VDC / 2000 mA
Listening Time	about 7.5 hours @ 50% level
Dimensions	9"X7"x3.25" (24X11X8 cm)
Weight	about 1.7 lbs (800g)

Specifications are subject to change without notice.

WARRANTY/SERVICE INFORMATION:

Your SEREONIC TV-SoundBox comes with one-year limited warranty. We warrant during the warranty period from the date of purchase to the original consumer that the SEREONIC TV-SoundBox will be free from defects in materials and workmanship under intended home use. If the SEREONIC TV-SoundBox fails to function properly within one year of original purchase due to defects in material or workmanship, return the unit (freight prepaid) with proof of purchase (sales receipt or packing slip, no exceptions) to Serene Innovations.

Serene Innovations will either repair or replace the unit and return it to you at no cost. There will be a nominal additional shipping charges if it is shipped to outside the 48 Continental U.S.A.

This warranty does not apply to any product that has been accidentally damaged due to abuse, misuse, negligent use or electrical frequency or voltage other than marked on product and/or described in this manual. Defects or errors caused by unauthorized alterations, repairs and/or tampering are also not covered by this warranty.

Any authorized returned product must be accompanied with proof of purchase and a brief description of the problem. For out of warranty repair and service, please contact our Customer Care Department for further details.

Incidental of Consequential Damages:

Neither Serene Innovations nor the retailer, dealer or selling distributor has the responsibility for any incidental or consequential damages, including, without limitation, commercial loss of profit or for any incidental expenses, loss of time or inconvenience. Some states do not allow exclusion or limitation of incidental or consequential damage, so the above limitation or exclusion may not apply to you.

This warranty does not apply to any product that has been accidentally damaged, abused, misused or neglected, used on electrical frequency or voltage other than marked on product and/or described in the manual. Defects or errors caused by unauthorized alterations, repairs and/or tampering, are also not covered by this warranty.

This Warranty gives you specific legal rights and you may also have other legal rights that vary from state to state.

If a defect covered by this warranty should occur, promptly contact a Customer Care Representative by phone, or log onto www.sereneinnovations.com to obtain a Return Merchandise Authorization Number (RMA) and shipping instructions before shipping the product to Serene Innovations. Any shipment without an RMA number, will not be accepted and will be returned to you at your expense. Any authorized returned product must be accompanied by a proof of purchase and a brief explanation of the problem.

For out-of-warranty repair and service, please contact our Customer Care Department for directions.

FCC Rules Information
Part 15 of FCC Rules Information

This device 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. This 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.

This 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, the user is encouraged to try correcting the interference by one or more of the following measures:

   01. Reorient the receiving antenna.

02. Increase the separation between the equipment and receiver.

03. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

04. Consult the dealer or an experienced radio/TV technician for help.

Changes or modification not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Incidental of Consequential Damages:

Note: *The Industry Canada label identifies certified equipment.*

IC Compliance Statement
This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

Operation is authorized under the following two conditions:

01. This device may not cause interference.

02. This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital device complies with Canadian ICES-003, RSS-210.

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