



QLINKTV
BLUETOOTH STEREO AUDIO TRANSMITTER
USER GUIDE



Welcome

Thank you for purchasing the ClearSounds QLinkTV Bluetooth Stereo Audio Transmitter. You are either really smart for purchasing the QLinkTV or someone really likes you and bought this for you. Or maybe you are both smart AND lucky to have someone who gave you the QLinkTV. Either way, nicely done.

The QLinkTV is an innovative Bluetooth® stereo transmitter. Bluetooth is a technology that uses radio waves to transmit data between devices over short distances. It offers an array of features that will connect you to your mobile phone so you can actually hear conversations clearly, and connect you to your music & TV to bring back the joy of entertainment.

With all this awesomeness comes some new technology that may require a learning curve. Have no fear; our remarkably patient & passionate team of Customer Solutions Consultants are here to help.

Welcome

Contact Information

Please contact us with any questions that you might have. We are happy to assist you!

ClearSounds Communications, Inc.
1743 Quincy Avenue, Suite 143
Naperville, IL 60540 USA

800-965-9043 (toll-free)

Information Online

To view & print additional copies of this manual or spec sheet or to view instructional videos, please visit the Support section on our website.

www.clearsounds.com

The screenshot shows the ClearSounds website's navigation bar with 'SHOP', 'NEWS & EVENTS', 'ABOUT US', 'SUPPORT', and 'CONTACT US'. The 'SUPPORT' menu item is highlighted with a blue arrow pointing to a dropdown menu. The dropdown menu contains the following items:

- ▶ Learning Center
- ▶ Shipping
- ▶ Returns
- ▶ Product Registration & Warranties
- ▶ Manuals & Support Documents
- ▶ How-To-Use Videos
- ▶ Discontinued Product Manuals
- ▶ Support

The background of the screenshot shows the 'Manuals & Support Documents' page, which includes a search bar, a list of product manuals (e.g., A400, A500, A100, A1600E, A1600BT, A1600E-BT, A600E, A300E), and a 'Questions? Talk with a live operator' section with the phone number 800.965.9043.

Safety Precautions

The following precautions are the kind of boring but important information you should read to ensure maximum performance and safety when using the QLinkTV. Although it may seem fairly obvious that standing outside in a lightning storm wearing an electronic device is not wise, we do have to officially advise you that it's not a good idea to do that-- along with these other nuggets of wisdom.

Warnings



Warnings must be observed to prevent bodily injury.

WARNING: Use the equipment only in the described manner to avoid bodily injury or damage to the equipment.

WARNING: To avoid electrical shock, locate and use the QLinkTV away from water and damp areas, such as swimming pools, bathtubs, sinks and damp basements, and do not use the QLinkTV when you are wet.

WARNING: Do not overload extension cords or power strips. This can result in electrical shock.

WARNING: Avoid using the QLinkTV during an electrical storm. There is a slight risk of electrical shock from lightning during a storm.

Safety Precautions

WARNING: Use the QLinkTV only with the supplied AC power adapter. Other types of power adapters can damage the QLinkTV and cause personal injury.

WARNING: The QLinkTV is able to amplify volume, which can cause hearing loss. To avoid the risk of hearing loss, instruct each user of proper usage, adjust the volume to each user's personal preference and set the volume to 'low' when not in use.

WARNING: Do not spill liquid on the QLinkTV or clean it while it is plugged into AC power. This can cause a short circuit, a fire or electrical shock.

WARNING: Do not push any type of object into the QLinkTV. Contact with dangerous voltage points can occur, resulting in fire, electrical shock or parts damage.

WARNING: Do not disassemble the QLinkTV. Dangerous voltage or other risks can occur. Use after incorrect reassembly can lead to electrical shock.

WARNING: Keep the QLinkTV out of reach of small children.

WARNING: The QLinkTV contains a magnet in the body of the unit that could potentially affect pacemakers. If you wear a pacemaker, please check with your instrument provider to verify if the QLinkTV will affect your pacemaker.

Safety Precautions

Cautions



Cautions indicate practices that could harm the QLinkTV or other objects.

CAUTION: Some electronic devices that are not properly shielded will generate electromagnetic interference (EMI) that may cause buzzing or odd sounds in the QLinkTV (or any headset, for that matter). Examples of potential EMI-emitting devices include PCs, automobiles and large screen TVs.

CAUTION: Turn off the QLinkTV in any facility where posted notices instruct you to do so. Hospitals or health care facilities might include equipment that is sensitive to external radio frequency (RF) energy that can cause EMI.

CAUTION: While on board aircraft, turn off the QLinkTV in accordance with airline regulations and flight crew instructions.

CAUTION: If you use any personal medical device, consult the manufacturer of the device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

CAUTION: Avoid dropping the QLinkTV.

Safety Precautions

CAUTION: Do not expose the QLinkTV to excessive moisture, including sweat, humidity or steam.

CAUTION: Connect the supplied AC power adapter into a surge protector. Power surges can damage the equipment.

CAUTION: To clean the QLinkTV unit, use only a cloth slightly dampened in a mild soap and water solution. Do not use harsh chemical or solvent cleaners or abrasive detergents.

CAUTION: In these circumstances, refer to our customer service department:

- Liquid spills in the QLinkTV, or it is exposed to rain or precipitation.
- The QLinkTV does not operate according to descriptions in this manual, or performance distinctly changes.
- The QLinkTV is dropped or the casing is damaged.

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Overview

About the QLinkTV

The QLinkTV is a Bluetooth stereo transmitter. Music, radio, TV shows, audiobooks and videos can be transmitted wirelessly from your MP3 player, computer, TV and other devices to your Bluetooth stereo receiver using the QLinkTV. Examples of compatible receivers include A2DP Bluetooth-enabled speakers, earphones, headsets, hearing aid streamers, personal neckloops and hearing aids with t-coils. We recommend using the ClearSounds Quattro 4.0 Amplified Bluetooth System as your stereo receiver, but then again, we're probably a little biased.

Your QLinkTV should include the following items, shown on page 9:

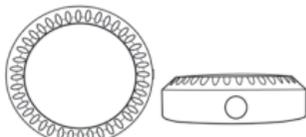
- QLinkTV transmitter
- Stereo 3.5mm audio cable
- Stereo RCA analog audio to stereo 3.5mm audio cable
- USB charging cable
- AC power adapter
- User Guide

Unpack

Contents of the QLinkTV

Ensure that your packing box includes all of the parts shown below, in addition to a user guide. If any parts are missing or damaged, please contact your vendor or ClearSounds.

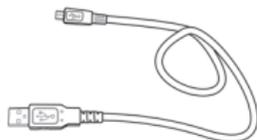
IMPORTANT: YOUR RECEIPT IS REQUIRED FOR WARRANTY PURPOSES. PLEASE RETAIN YOUR RECEIPT.



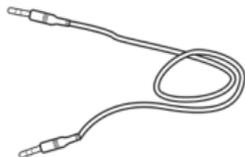
QLinkTV transmitter



Stereo RCA analog audio to stereo 3.5mm audio cable



USB charging cable

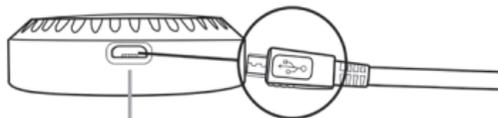


Stereo 3.5mm audio cable



AC power adapter

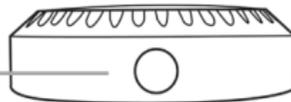
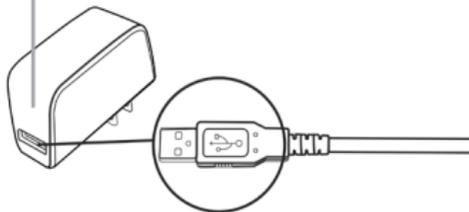
Getting Familiar



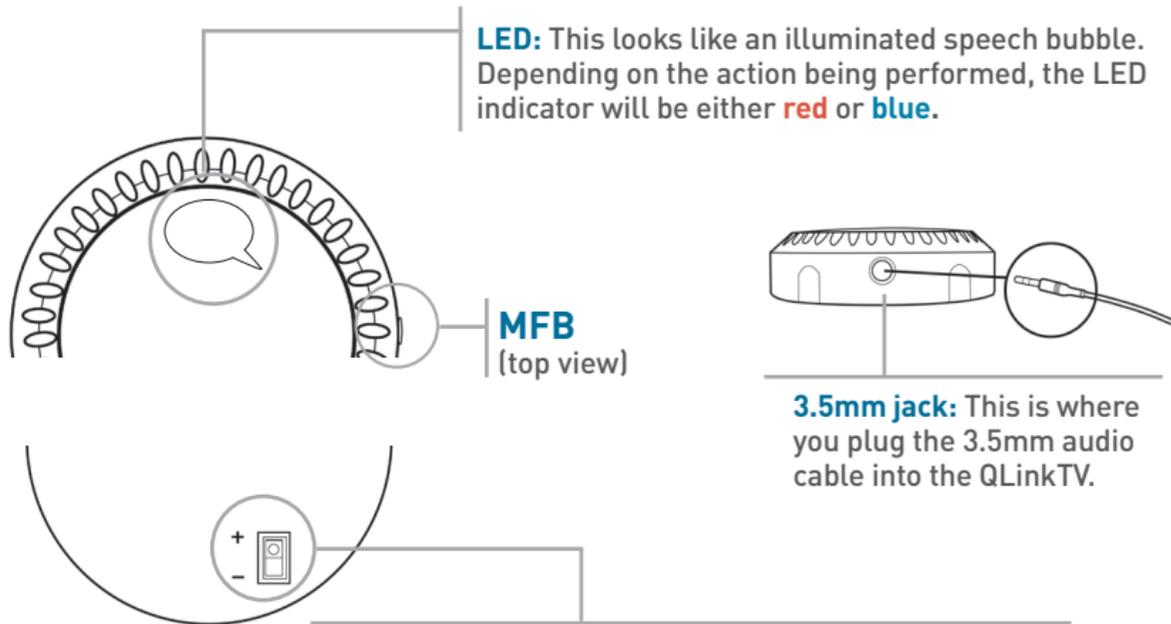
Charging port: This is where you plug the micro end of the USB charging cable into the QLinkTV.

MFB Multi-Function Button: This button is used to turn the QLinkTV on and off, pair the QLinkTV to your Bluetooth stereo receiver (e.g. headset) and connect the QLinkTV to a paired receiver.

AC power adapter: This is where you plug the standard end of the USB charging cable into the AC power adapter.



Getting Familiar



LED: This looks like an illuminated speech bubble. Depending on the action being performed, the LED indicator will be either **red** or **blue**.

MFB
(top view)

3.5mm jack: This is where you plug the 3.5mm audio cable into the QLinkTV.

Battery Engage Switch: This switch, located on the back of the QLinkTV, **MUST** be in the **+** position in order for it to function. **This is not the QLinkTV on/off switch.**

Charging

Charging the QLinkTV

The QLinkTV has a built-in rechargeable battery and can be used for up to 7 hours when fully charged. Before using it for the first time, it is recommended to charge the battery fully. When the QLinkTV is low on power, the **red** LED will flash, indicating that it is time to charge the battery.

To charge, connect the USB cable to the QLinkTV and to the AC power adapter as shown on page 10, then plug the AC power adapter into a standard power outlet or surge protector (recommended). The **red** LED will be on during charging. It takes about 3 hours to fully charge the battery. Once charging is complete, the **red** LED will turn **blue**.

Alternately, you can safely leave the power supply plugged into the QLinkTV at all times, eliminating the need to re-charge its battery.

Note: Please do not attempt to take the battery out of the QLinkTV, as this may damage the QLinkTV and will void your warranty.

Important:

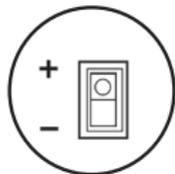


- 1) The QLinkTV battery is recyclable.
- 2) Do not dispose of the battery in a fire, as this will result in an explosion.

Turning On/Off

One-Time Battery Engagement

On the back of the QLinkTV there is a small switch labeled +/- . Using a paperclip or pen tip, move the switch to the + position. **This is the only time you will ever need to touch this switch.**



In order to preserve the integrity of the battery while the QLinkTV travels from the production line to our warehouse and the warehouses of retailers across the country, we protect it by keeping the battery disengaged. Similar to the battery pull tab you might see on a new toy or on hearing aid batteries in their packaging, once you remove the tab, the battery becomes engaged. You will only need to do this once; as mentioned on page 11, this is **NOT** an on/off switch.

Turning the QLinkTV On/Off

Function	Operation	LED Indicator
Turning on the QLinkTV	Press and hold the MFB for 3-5 seconds	LED flashes blue for 1 second
Turning off the QLinkTV	Press and hold the MFB for 3-5 seconds	LED flashes red for 1 second

Attaching

Attaching the QLinkTV

Before attaching to your TV, computer or audio device, refer to the instructions below for information on connecting to the correct type of audio output jack.

The QLinkTV must be connected to an analog or a 3.5mm stereo audio output jack. Be sure to find the audio **OUTPUT** ('audio-out') jack, which is different than the audio input ('audio-in') jack. The QLinkTV is designed to send sound out of your TV or other device and into your Bluetooth headset, so it will not work with the audio-in jack.

Please note: The location of the audio output jack is different for every TV, so refer to your TV's user guide for its exact location. If you cannot find your user guide, locate your TV's model number (typically listed on a sticker on the back side) and do an Internet search to find it using your TV model number and the words "user guide."

Attaching the QLinkTV to a 3.5mm headphone jack on your TV:

Using your TV's user guide, locate its 3.5mm audio-out (headphone) jack, which is likely on the back side. Plug one end of the 3.5mm audio cable into the QLinkTV as shown on page 11. Plug the other end of the 3.5mm audio cable into the 3.5mm audio-out jack on your TV. The volume of the audio-out jack will be controlled by your TV's volume control, unless the TV has independent controls specifically for the headphone jack.

Attaching

Attaching the QLinkTV

Attaching to analog RCA audio output jacks on your cable box, DVD player or TV:

Using your cable box, DVD player or TV's user guide if needed, locate the analog RCA audio output (the red and white connectors), which is likely on the back side. Plug one end of the 3.5mm audio cable into the QLinkTV as shown on page 11. Plug the other end of the 3.5mm audio cable into the single 'female' end of the analog RCA cable. Plug the RCA cable's red and white connectors into the corresponding red and white audio jacks on your cable box, DVD player, TV or other device.*

*It is important to make sure the audio jacks are labeled "AUDIO OUT" as there will usually be an "AUDIO IN" jack next to it. If plugged into the "AUDIO IN" jack, the audio will not be heard.

Attaching to your MP3 player, laptop or other sound output device:

Using your device's user guide if needed, locate the 3.5mm headset jack. Plug one end of the 3.5mm audio cable into the QLinkTV as shown on page 11. Plug the other end of the 3.5mm audio cable into the headset jack on your device.

Please note: The QLinkTV is designed for use only with STEREO devices. If you plan to use your QLinkTV with a mono audio device, you will need a 3.5mm mono-to-stereo adapter (not included).

Pairing

Pairing to Bluetooth Devices

Once the QLinkTV is attached to your audio source, it will need to be paired to your Bluetooth stereo receiver in order to wirelessly enjoy audio. Before pairing, make sure your receiver supports A2DP Bluetooth.

Pairing to your Bluetooth stereo receiver (we recommend our QT4 or QT4L):

1. Make sure the QLinkTV is off using the MFB (instructions on page 13). Again, do not use the +/- switch for this.
2. Keep the QLinkTV within 5 feet of your Bluetooth stereo receiver.
3. Switch on your Bluetooth stereo receiver and set it to pairing mode. If needed, consult the receiver's user guide for instructions.
4. On the QLinkTV, press and hold the MFB until the **blue** and **red** LEDs flash alternately, indicating that the QLinkTV is in pairing mode.
5. The QLinkTV will automatically search for the Bluetooth stereo receiver and complete the pairing process.
6. Once the two are successfully connected, the **blue** LED on the QLinkTV will flash every 4 seconds.

Pairing

Pairing to Bluetooth Devices

Things to note:

- Pairing mode will last 1 minute. If no devices can be connected within that minute, the QLinkTV will enter standby mode and you will need to restart the pairing process.
- The QLinkTV can only be paired to 1 Bluetooth stereo receiver at a time.
- The QLinkTV can remember up to 8 paired devices. When the number of paired devices exceeds 8, the least-recently connected (used) device will be replaced.
- The QLinkTV will pair with any Bluetooth stereo receiver whose PIN is '0000', '1234', '1111' or '8888'.
- The +/- switch on the back of the transmitter should not be used unless you plan to go an extended time without using your QLinkTV. For normal use, use the MFB to turn the QLinkTV on and off as detailed on page 13.
- All Bluetooth-enabled devices can sometimes cause a slight delay or echo in the sound transmission. This latency is typically about 25-50 milliseconds, less than a quarter of a second.

Connecting

Reconnecting to Bluetooth Devices

Automatic connection

Every time you turn on the QLinkTV, it will automatically reconnect to the last connected device as long as:

- The QLinkTV and the device are within **33 feet** ('in range') of each other.
- The receiving device has also been turned on.
- Bluetooth has been enabled on the receiving device.

Manual connection

When the QLinkTV is in standby mode and not connecting to any devices, briefly press the MFB once and it will automatically connect to the last connected device, as long as the above criteria are met.

Receiver-initiated connection

In standby mode, the QLinkTV can also accept a connection request sent by a Bluetooth receiver that has previously paired with the QLinkTV. Pairing action is dictated by the Bluetooth headset and will vary depending on the headset. With the Quattro 4.0 or the Quattro 4.0 LITE, press the multi-function button once to re-pair.

LED Indicator

About the LED indicator

Before attaching to your TV, computer or audio device, refer to the instructions below for information on connecting to the correct type of audio output jack.

LED Indicator	Status of QLinkTV
Red and blue LEDs are flashing alternately	In pairing mode
Blue LED is flashing once every 2 seconds	In standby mode and not connected to a Bluetooth device
Blue LED is flashing once every 4 seconds	Connected to a Bluetooth device (this is the normal mode)
Red LED is flashing twice every 30 seconds	The battery power is low

Care and Maintenance

Recommendations for the QLinkTV

Before using the QLinkTV, please read the following recommendations to help you enjoy using it for many years.

- Do not expose the QLinkTV to liquid, moisture or humidity, to avoid potential damage to its internal circuit.
- Do not expose the QLinkTV to extremely high or low temperatures, as this will shorten the life of electronic devices, destroy the battery or distort certain plastic parts.
- Do not use abrasive cleaning solvents to clean the product. Refer to page 6 for detailed cleaning instructions.
- Do not dispose of the product in a fire, as this will result in an explosion.
- Do not expose the product to sharp objects, as this will cause scratches and damage that may void your warranty.
- Do not drop the product or allow it to fall onto the floor, as the internal circuit can get damaged and void your warranty.

FAQs

Frequently Asked Questions

1) Why won't my QLinkTV turn on?

This is typically caused by lack of battery power. Follow the charging instructions on page 12, being sure the +/- switch is set to +. If your battery is fully charged and still won't turn on, please contact our Customer Solutions team (see next page).

2) What should I do if my QLinkTV won't pair & connect to a Bluetooth stereo receiver?

First, make sure the Bluetooth stereo receiver supports A2DP v3 Bluetooth. Second, make sure the Bluetooth stereo receiver is placed within **5 feet** of the QLinkTV. Third, make sure the Bluetooth stereo receiver has already entered into pairing mode (see page 16).

3) What should I do when I can't hear any audio from the Bluetooth stereo receiver?

First, make sure the QLinkTV is properly connected to the audio source. Second, make sure the QLinkTV and Bluetooth stereo receiver are properly paired. Third, make sure the audio source is playing sound. Fourth, adjust the volume of the audio.

Additional resources can be found on our website at www.clearsounds.com/support. For further assistance, please contact our Customer Solutions team by email at

Glossary

A2DP: The abbreviation for Advanced Audio Distribution Profile. A2DP allows CD-quality stereo music or audio to be sent ('streamed') from one device to another using Bluetooth instead of wires or cables.

AC Power: The abbreviation for Alternating Current. AC power is the type of electricity found in wall outlets in the United States and most other countries.

Audio Output: Also known as 'audio-out', this is the jack on a TV, MP3 player or other device that sends sound (audio) *out* of the device. The QLinkTV, speakers, headphones or other listening tools get plugged into a device's audio output.

Bluetooth: A wireless technology that uses short radio waves to exchange data between compatible devices over distances up to 33 feet.

Connectable: A Bluetooth-enabled device in-range that will respond to another Bluetooth device and set up a connection.

Connected: When a Bluetooth-enabled device is within range of another Bluetooth device and the two are communicating over the wireless Bluetooth link.

Discoverable: A Bluetooth-enabled device that other Bluetooth devices can detect ('discover'), pair to or connect to.

Glossary

EDR: The abbreviation for Enhanced Data Rate. EDR technology provides a faster data rate (speed) for seamless synchronization of sound and video.

Pairing: The process of creating a persistent link between two Bluetooth-enabled devices. This only occurs once; future connections between the two devices are made (authenticated) automatically.

Profile: A specification of Bluetooth wireless communication between devices. In order to use Bluetooth technology to connect two devices, they must both be compatible with the same Bluetooth profile. The QLinkTV's Bluetooth profile is A2DP.

Range: The maximum distance a Bluetooth signal is able to travel between two Bluetooth-enabled devices. For the QLinkTV (and many other Bluetooth devices), the range is 33 feet.

RCA: The abbreviation for the Radio Corporation of America. RCA carries audio and video signals through color-coded plugs and jacks; red & white for audio and yellow for video. The QLinkTV's RCA cable is audio-only, so it is only red and white.

USB: The abbreviation for Universal Serial Bus. USB defines the connection, communication and power supply between computers and electronic devices.

Specifications

Component	Specification
Bluetooth version	Bluetooth v3
Bluetooth profile	A2DP, AVRCP
Frequency range	2.4 GHz
Effective range	33 feet/10 meters (indoor)
Charging input voltage	DC, 5V / 500mA
Working time	Up to 7 hours
Charging time	About 3 hours
Dimensions	2" in diameter
Weight	3.52 oz

Warranty

Your ClearSounds QLinkTV Bluetooth Stereo Audio Transmitter comes with a one-year limited warranty from the date of purchase. This product is warranted by ClearSounds against manufacturing defect in material and workmanship under normal use. In the event that this product fails to function properly due to defects in materials or workmanship within one year of the original purchase, return the unit **with proof of purchase** (sales receipt or packing slip, no exceptions) to ClearSounds Communications.

ClearSounds Communications will either repair or replace the unit (with a refurbished unit or unit of equal condition) and return it you (using UPS/USPS ground shipping) at no cost to you. The warranty replacement or repair will be warranted for a period of 90 days or the remainder of the original warranty period (from original purchase date), whichever is longer.

The warranty does not cover accidents, negligence or breakage to any parts. This includes shipping damage, failure to follow instructions, misuse, fire, floods, use of incompatible accessories, acts of God or failure in your phone service carrier's line service. The product must not be tampered with or taken apart by anyone who is not an authorized ClearSounds Communications representative. Tampering with the QLink TV will void any written or implied warranties.

Warranty

If a defect covered by this warranty should occur, promptly contact a Customer Service representative by phone, or log on to www.clearsounds.com/contact-us to obtain a Return Merchandise Authorization (RMA) number and shipping instructions before shipping the product to us. Any shipment without an RMA number will not be accepted and will be returned to you at your expense. All authorized returned products must be accompanied with proof of purchase and a brief explanation of the problem.

For out-of-warranty repairs and service, please contact our Customer Service department for instructions. The repair shall be warranted for 90 days.

IMPORTANT: YOUR RECEIPT IS PART OF YOUR WARRANTY AND MUST BE RETAINED AND PRODUCED IN THE EVENT OF A WARRANTY CLAIM.

Notes:

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Additional Products

Ok, we may be a bit biased, but these products are fantastic complements to the QLinkTV. Together, they provide a solution for every aspect of communication. From personal listening to mobile phones, TV & entertainment to the office – we've got you covered.

And hey, since you read through this ENTIRE manual, you deserve a reward. Order any of our Q Portfolio of products online using Coupon Code **IREADIT** and we'll take 25% off your order!! Shop now at www.clearsounds.com.



Quattro 4.0 Adaptive Bluetooth System

Connect and stream your cell phone, your television, up to five devices to your Quattro 4.0 Adaptive Bluetooth Listening System for a complete listening experience like no other.

CSQT4

MSRP: \$299.95



Quattro 4.0 LITE Adaptive Bluetooth Neckloop

The Quattro 4.0 LITE is a powerful but stylish device designed to fit seamlessly into the life of anyone seeking remarkable sound.

CSQT4L

MSRP: \$199.95



QH2 Bluetooth Hub & Phone Amplifier

The discreet QH2 connects your Bluetooth headset or neckloop to your office or home phone for hands-free and cord-free conversation. Adjustable volume, tone and amplification settings ensure perfect sound on every call.

CSQH2

MSRP: \$229.95

