ClearBlue™

Bluetooth® TV & Audio Listening System

User's Guide

ClearSounds™
It's Communication Amplified.

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Welcome

Thank you for purchasing the ClearBlue Bluetooth TV and Audio Listening System. The system uses Bluetooth technology.

Bluetooth is a wireless technology standard that uses short wavelength radio transmissions to exchange data between fixed and mobile devices over short distances.

We hope that you enjoy using your new listening system in a variety of ways!

Discreetly listen to television, music or sound, wirelessly. You can also connect to certain mobile phones at the same time, and accept or place calls, as desired.

Converse on a mobile phone, handsfree. If the phone is a smartphone, you can listen to music, and accept or place calls, as desired.

Contacts

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

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Safety precautions

Carefully read and observe the warnings and cautions in this manual and on the equipment.

Warnings

⚠ Warnings must be observed to prevent bodily injury.

- **WARNING**: Excessive headset volume can cause hearing loss.
- **WARNING**: Use the system parts only in the described manner to avoid bodily injury or damage to the equipment.
- **WARNING**: Keep all of the system parts and accessories out of the reach of children. The components can cause hearing loss or choking if used incorrectly.
- **WARNING**: Do not disassemble the headset or transmitter, which contain small parts that could be choking hazards. Disassembly can damage the components.

Safety precautions

- **WARNING**: Do not clean the system parts if they are charging. Do not spill liquid on the system parts. This can cause a short circuit, a fire or electric shock.

- **WARNING**: Do not remove built-in batteries. Other types of batteries and power accessories can damage the equipment and cause injury.

- **WARNING**: Do not dispose of the headset or transmitter by burning. Burning batteries can explode and release toxic and corrosive fumes and gases. Do not dispose of batteries with household waste. Recycle or dispose of batteries according to regulations of your local municipality.

- **WARNING**: Do not use or store the headset or transmitter in areas that are dusty, dirty, wet or contain explosive fumes, dust or chemicals. Sparks in such areas could cause explosion or fire.

Cautions

⚠️ Cautions indicate practices that could harm the equipment or other objects.

Observe all cautions to preserve the product integrity and warranty.

- **CAUTION**: Use only a damp cloth to clean the system parts, and do not scrape the surface with sharp instruments. Do not use liquid or aerosol cleaners.

- **CAUTION**: Do not use or store the headset or transmitter in an extremely sunny, hot or cold environment or a damp environment. These environments can damage internal circuit boards, batteries and plastic and shorten the life of the components.

- **CAUTION**: Do not allow the components to fall or strike against a hard surface. This can damage the internal circuit boards.

Contents

Unpack

Ensure that all of these parts are included in your packing box. If any parts are missing or damaged, please contact your vendor or ClearSounds.
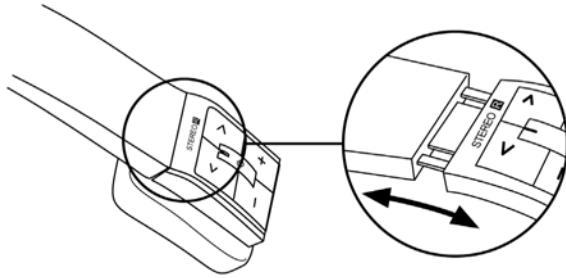
Headset

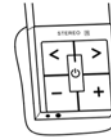Audio transmitter

AC power adapter

Charging cords

Headset overview
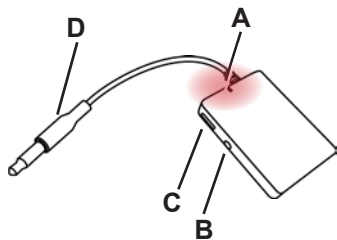
Adjust

Try on the headset, and adjust it.

Controls

>   Play next song

+   Increase volume

–   Decrease volume

<   Play last song

Multi-function:
- On/off
- Answer call/end call
- Reject call
- Mute
- Voice dial/voice transfer
- Redial last number
- Play/pause

Transmitter overview

A	Indicator light
B	Charging port
C	Multi-function key
D	3.5 mm plug to audio-out port (🎧)

Charge

Before first use, charge the headset and the transmitter for approximately three hours.

Each component is fully charged when its red light is off. The batteries hold a charge for 10 or 11 hours.

Recharge when the following occurs:

- 🎧 : Every 20 seconds, the red light blinks twice and three tones occur.
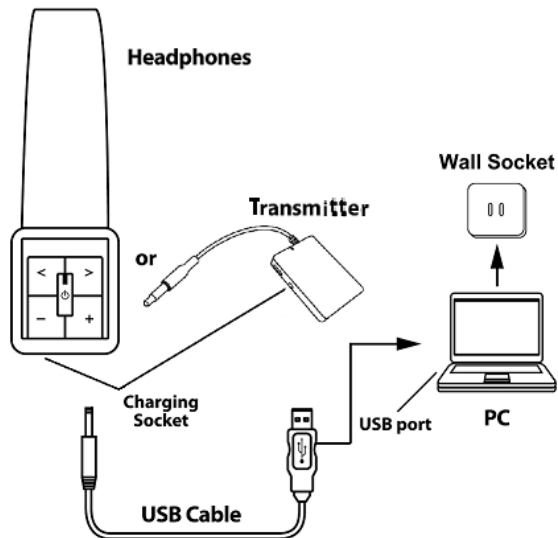
- ✎▱ : The red light blinks.

⚠ **WARNING**: Do not remove built-in batteries. Other types of batteries and power accessories can damage the equipment and cause injury.

Charge

To charge using a personal computer

If you use your listening system with a personal computer, you can conveniently charge the components using the computer. The computer must be connected to AC power.

To charge using an AC power outlet

You can charge the components using an AC power outlet in a wall.

Tip: You can conveniently keep the transmitter plugged into AC power and charging at all times.
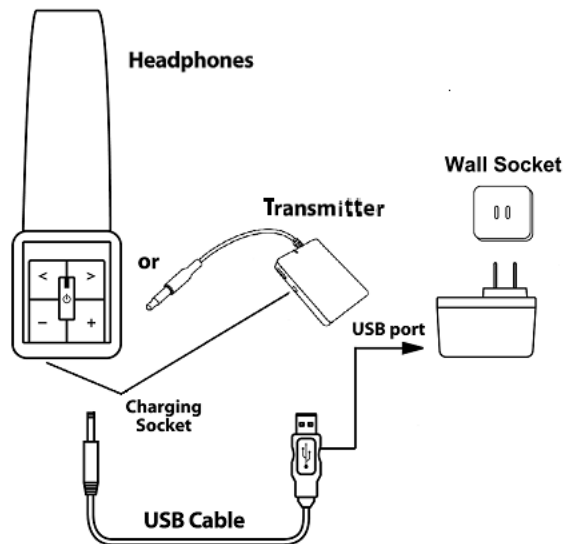
Listening capabilities

Devices

You can listen to or converse on any of these devices by pairing your ClearBlue headset with the device.

The headset remains connected to a device within a range of 33 feet.

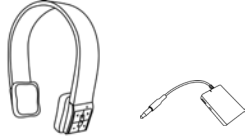Television (TV) Portable media player (PMP) Personal computer (PC) Mobile phone

Required ClearBlue components

To determine whether a particular device is capable of communicating with your ClearBlue headset, consult the device user's guide regarding the following specifications.

Device to which you are listening...	Required ClearBlue component(s)
... has a built-in Bluetooth transmitter.	
... does not have a built-in transmitter, but it has a 3.5 mm audio-out port.	

Pair

The first time that you use the ClearBlue headset with a sound-emitting device, you must pair it with the device.

The headset recalls the last eight pairings, so the next time that you use the headset with the device, the headset and device typically connect without re-pairing.

If you pair the headset with more than eight devices, the headset drops recall of the first-paired device in the list. To reconnect the headset to the dropped device, you must re-pair them, first.

To pair with a [image], [image], or [image]

You can pair the headset with a television, portable media player or personal computer.

1. Consult the device user's guide to determine whether it has a built-in Bluetooth transmitter.

2. Turn off the device Bluetooth transmitter:
   - If the device has a built-in transmitter, turn off the Bluetooth function in the device (consult the device user's guide, if necessary).
   - If the device does *not* have a built-in transmitter, use the ClearBlue transmitter [image]. If the blue light

shows on the [image], press [image] to turn it off.

3. Hold the [image] within three feet of the device or [image], and press and hold [image] for seven to nine seconds, until the headset red and blue lights blink alternately.
   The headset is in pairing mode, which lasts for about two minutes.

4. Within two minutes, pair with the transmitter:
   - If the device has a built-in transmitter, turn on the Bluetooth function, and then follow prompts to put it in pairing mode with the **ClearTV** headset (consult the device user's guide, if necessary).

     When the [image] red light stops blinking and the blue light blinks twice every four seconds, the headset is paired with the device.

   - If you are using the ClearBlue transmitter [image]:
     a. Press and hold [image] on the [image] until its red and blue lights blink alternately.
     b. Wait for the [image] red light to stop blinking and for the blue light to blink every four seconds.

        The headset is paired with the transmitter.

c. Plug in the to an audio-out port ( ) on the sound-emitting device.

Troubleshooting: If pairing is unsuccessful, the headset goes into standby mode after two minutes, and the transmitter goes into standby mode after one minute.

- If the headset is paired and actively connected to another device, turn off Bluetooth in that device, and then try again to pair with the desired device.

Check the device user's guide for these topics:

- The ClearBlue headset can pair only with devices that have the Bluetooth pairing password set to 0000.
- Some devices require additional steps for Bluetooth pairing.

To pair with a

You can pair the ClearBlue headset with a mobile phone that has a built-in Bluetooth HFP or A2DP profile.

If necessary, consult the mobile phone user's guide for more specific instructions regarding the phone's Bluetooth menus.

1. Hold the within three feet of the mobile phone.

2. On the , press and hold for seven to nine seconds, until the red and blue lights blink alternately.

The headset is in pairing mode, which lasts for about two minutes.

3. Within two minutes, on the mobile phone:
   a. Open the Bluetooth menu.
   b. Turn on Bluetooth.
   c. Initiate adding a new device.
   d. Select **ClearTV** in the device list.
   e. If prompted for a PIN number, enter 0000, and then follow the prompts.

   When the red light stops blinking and the blue light blinks twice every four seconds, the headset is paired with the device.

Troubleshooting: If pairing is unsuccessful after two minutes, the headset goes into standby mode.

- If is on nearby, or if another device is connected to the headset nearby, turn off or the other device during mobile phone pairing.
- Turn off and on the headset, and then try again.

Connect

Typically, it is necessary to pair the headset and a device only once. After pairing, you simply connect the headset and the device.

Connecting to two devices at once

The headphones can be simultaneously connected to these two devices:
- TV, portable media player or computer
- Mobile phone

This enables you to listen to sound on one device and place or accept calls on the phone, as desired.

If you plan to connect to two devices, begin by turning off Bluetooth in the phone, connect to the TV, portable media player or computer, and then turn on phone Bluetooth and connect to the phone.

To connect the headset to a device

Follow these steps in the order described.

1. If the device Bluetooth transmitter is off, turn on Bluetooth:
   - If the device has a built-in Bluetooth transmitter, turn on the Bluetooth function in the device, and put it in communication with the **ClearTV** headset (consult the device user's guide, if necessary).
   - If the device does *not* include built-in Bluetooth, press to turn on , and then plug in to the audio-out port ( ) on the device.

2. Establish communication with the device:
   - If the is off, press and hold for three to five seconds until the blue light is on.
   - If the is in standby mode, briefly press **>**. The headset is connected to the device.

Tip: If you primarily use the headset with one device, keep the device Bluetooth function turned on. When you turn on the headset, it automatically connects to the last device with which it communicated.

Troubleshooting:
- If you turn on the headset or transmitter and it doesn't connect to a device within five minutes, the headset or transmitter turns off.
- If the headset has dropped recall of the device, you must pair the headset to the device before you can connect to the device. See page 16.
- If the headset connected to the wrong device, turn off Bluetooth in that device, and then try again.

Listen

When volume reaches the minimum or maximum value, a brief tone occurs.

- **Increase volume**: Press **+.**
- **Decrease volume**: Press **−.**
- **Pause or resume** sound: Briefly press 🔲.
- **Replay** the previous song: Briefly press **<.**
- **Play the next song**: Briefly press **>.**

Converse

Mobile phones support some or all of the following features. Please consult your mobile phone user's guide, as necessary.

If you are using a multi-functional phone (smartphone), and you are listening to audio, when you use these headset controls, you switch to conversation.

To converse

- **Answer** an incoming call: Briefly press 🔲.
- **Reject** an incoming call: Press and hold **>** until you hear a short beep.
- **Transfer a call**: Press and hold **>** until you hear a short beep.
- **Voice dial**: Press and hold **>** until you hear a short beep.
- **Redial** the last-dialed number: Briefly press 🔲 twice.
- **Mute or unmute** the microphone during a conversation: Briefly press 🔲 twice.
- **End** a call: Briefly press 🔲.

Turn off a component

To turn off the

- Press and hold ⏻ for three to five seconds, until the red light flashes on.

To turn off the

- Press and hold ▬ for three to five seconds, until the red light flashes on.

Restore defaults

Take these steps to delete pairing information.

1. Turn off the headset.
2. Simultaneously press and hold the ⏻ and ✚ keys for eight seconds, until two tones occur and the red light appears.
3. Charge the headset.

Indicators

Headset ⏻

Indication	Status
Red steady	Charging
Red blinks twice and 3 tones, every 20 seconds	Low battery
Red and blue blinking	Pairing
Blue blink every 2 seconds	Standby: not connected
Blue blinks twice every 4 seconds	Connected to one device
Blue blinks 3 times every 2 seconds	Connected to two devices
Blue gradually on and off	Conversation
Two tones every 3 seconds	Conversation & muted microphone

Indicators

Transmitter

Indication	Status
Red blink twice every 30 s	Low battery
Red and blue blinking	Pairing
Blue blink every 2 s	Standby: not connected
Blue blink every 4 s	Connected to a device

Troubleshooting

These are general troubleshooting questions. To troubleshoot specific circumstances related to pairing and connection, please refer to those sections.

Circumstance	Response
The ClearBlue headset or transmitter will not turn on.	Charge the component.
The headset red light is dim during charging.	• Ensure a tight connection between the headset and charging cord. • If the battery was unused for a prolonged period, its power can be low. The light will brighten after 30 minutes of charging.

Troubleshooting

Circumstance	Response
No sound or muffled sound is heard through the headset.	Ensure these headset conditions: • The blue light blinks (it is on). • It is within 33 feet of the device. • It is connected to one or two devices (the blue light blinks 2 or 3 times every 2-4 seconds). • The volume is high enough (a brief tone occurs at maximum and minimum values) Ensure these device conditions: • The device is turned on and emitting sound. • If you are listening to a device that is connected to the ClearBlue transmitter, the transmitter is fully plugged in to the device.
Pause/resume and play next/ previous song keys do not work.	The device with which the headset is connected does not support these functions.

Specifications

	Specification
Bluetooth version	2.1 + EDR
Bluetooth profiles **Note**: If the headset is connecting to a device that supports multiple profiles, it connects to the A2DP profile first.	• Headset (HSP) • HandsFree (HFP) • Advanced Audio Distribution (A2DP) • Audio/Video Remote Control (AVRCP)
Effective range	33 feet
Charging time	Approximately 3 hours
Working time after full charge	• Sound: Up to 10 hours • Conversation: Up to 11 hours
Standby time after full charge	Up to 250 hours

Specifications

	Specification
Input	5 V/130 µA DC
Dimensions	6.4 in x 6 in x 1.3 in
Weight	Approximately 3.6 oz
PIN pairing with transmitter	0000

	Specification
Bluetooth version	2.1
Bluetooth profile	Advanced Audio Distribution (A2DP)
Frequency range	2.4 G Hz to 2.4835 G Hz
Effective range	33 feet

	Specification
Input	5 V DC
Charging time	Approximately 3 hours
Working time after full charge	Approximately 10 hours
Dimensions	1.8 in x 1.3 in x .31 in
Weight	.49 oz
PIN pairing with receiver	0000, 1234, 1111, 8888

US Federal Communications Commission (FCC) compliance

Complies with Part 15 of the FCC rules. Operation is subject to these conditions:

- The device may not cause harmful interference.
- The device must accept any interference received, including interference that can cause undesired operation.