

The Multi-Sensory Audio System Optimized for The Listening Program[®]

Waves™ is a multi-sensory audio headphone system with bone conduction technology combined with air conduction, which was created by Advanced Brain Technologies. Waves is the optimal way to experience the benefits of the advanced neuroacoustic treatments of The Listening Program. With Waves, TLP will train your brain and strengthen neurological pathways, improving your ability to learn, communicate, and process information.

When listening to TLP by combining the two natural modes of hearing – through your ears [air conduction] and through your head [bone conduction], Waves will accelerate and expand the benefits of TLP.



To Operate Waves

1 | Install two AA NiCD rechargeable batteries into the amplifier.

- 700 mAh NiCD rechargeable batteries provide more than 15 hours of use on a single charge using the provided USB charging cable
- The three stage LED charge indicator light lets you know when to charge the amplifier, when it is charging, and when it is fully charged
- Rechargeable batteries saves \$60 per listening per year compared to disposable single-use alkaline batteries

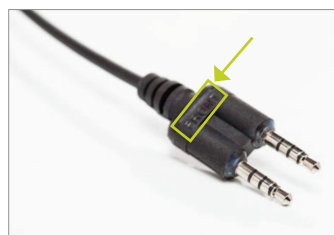


USB rechargeable batteries with LED charge indicator

2 | Connect the headphone cable to the AC & BC ports.

Make sure the word "FRONT" on the plug is facing the front of the amplifier.

- The single, three meter shielded tri-core flex headphone cable is durable and provides for easy cable management. No tangled wires.



Headphone cable



AC & BC ports

To Operate Waves, cont.

- 3 | Connect the 6" cable from the headphone port on your device to the IN port on the headphone amplifier.



Headphone port

- 4 | Power amplifier ON/OFF by pressing and holding power button until you see "powering on" or "powering off" on the display.

- Our high-quality audio processor with dual mode amplification was chosen specifically to enhance the sound of The Listening Program
- The ultralight pocket amplifier case houses dual bone and air amplifiers for separate power control of bone conduction and headphone volumes
- The intuitive menu system, LCD display, and touch keypad make for easy amplifier operation



Pocket headphone amplifier

- 5 | Charge the amplifier.

- To connect the charger: plug the mini end of the USB cable into the amplifier (into the mini USB port that is to the right of the BC port).
- Fully charge the batteries before first use. Charge the amplifier from a computer USB port or AC adapter. Allow 3-4 hours to charge. Batteries provide over 15 hours of use on a single charge.



Mini USB port

LED Battery Status Indicator



Low battery (flashing red LED)



Charging (flashing green LED)



Full charge (steady green LED)

- 6 | Connect the amplifier to your device.

- Waves will connect to any device that has a 1/8" connector. (iPod, smart phone, computer)

- 7 | Adjust volume on your device to about 80% of the volume to ensure adequate power is going to the amplifier.

To Operate Waves, cont.

8 | Set the volume on the amplifier.

- When you power your amplifier on, you will see AC and BC on the Main menu. To select the AC or BC menu, highlight the desired menu using the arrow keys and press select. Then adjust volume to desired setting (most people adjust AC to 3) and return to the Main menu. The amplifier will save your settings until you change them.
- The amplifier allows you to adjust air conduction (AC) volume, which is what you hear through the ear cups, and bone conduction (BC) volume, the amount of vibration coming through the bone conductor.
- Volume levels for AC and BC are preset on the amplifier at 5 on a loudness scale of 0-10, with 0 being silent and 10 maximum volume. Change AC to 3. Do not change the channel balance or BC volume unless instructed by your provider.



AC and BC menu

9 | Put on the headphones and fine tune the volume setting using the device.

- **Natural sound headphones:** high-quality, lightweight, closed design provides optimal spatial details to enhance The Listening Program's music experience. The self-adjusting headband fits listeners of all ages!
- **High-output bone conduction transducer:** the exclusive bone conductor is 40% larger than our last and is the largest in the listening field. Larger is better; a larger bone conductor can drive more power, especially for music in the low frequency spectrum. The floating mount provides direct head contact, ensuring bone conduction vibration reaches the auditory system and is not displaced by the headband.



Natural sound headphones



Bone conduction transducer

10 | Adjust the volume using the device.

- Volume should be set at a comfortable level, never causing pain or discomfort for the listener, while being loud enough to clearly hear the music.
- Everyone has different listening comfort levels, so what is a good volume for one person may not be for another.

Listener Success Tips



- Make sure the word “FRONT” on the plug is facing the front of the amplifier.
- The headphone connection should be checked at the start of a listening session to make sure there is a good connection to the iPod or other device. If sound is only coming out of one side of the headphones, or static is present, this is likely due to a poor connection. This is corrected by disconnecting, then reconnecting the headphones.
- ONLY use AA NiCD rechargeable batteries with Waves headphone amplifier.
- Turn amplifier off when not in use to save battery life.
- Charge batteries when LED flashes red.
- If charging from a computer, make sure computer is powered on.
- Remove protective film from amplifier display for better visibility.
- Use Velcro strap for headphone cable management.
- Store your Waves system in a cool, dry place.



WARRANTY

Advanced Brain Technologies (ABT) warrants the bone conduction amplifier and bone conduction headphones (Product) to be free from defect in material and workmanship for a period of 12 Months. If a Product proves to be defective in material or workmanship during the warranty period, ABT will, at its sole option, repair or replace the Product with a similar Product. Replacement Product or parts may include remanufactured or refurbished parts or components. The replacement unit will be covered by the balance of the time remaining on the customer's original limited warranty.