

HiFi Sound

Hi-Res SOUND

FCC Notice - Declaration of Conformity Information

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a 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 to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

FCC ID: 2AD6J-HIRESSOUND

WARNING: Only peripherals complying with the FCC class B limits may be attached to this equipment.

Changes or modifications made to this equipment, not expressly approved by us or parties authorized by us could void the user's authority to operate the equipment. 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.

Notice for customers: The following information is only applicable to equipment sold in countries applying EU Directives.

EU Declaration of Conformity

CE Hereby, Celsus Sound Audio, Inc. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.

The manufacturer of this product is Celsus Sound Audio, Inc., 1712 Pioneer Ave. Ste 1885, Cheyenne, Wyoming 82001, USA

The Authorized Representative for EMC and product safety is Celsus Sound Audio, Inc., 1712 Pioneer Ave. Ste 1885, Cheyenne, Wyoming 82001, USA.

For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

For customers in Europe

Disposal of Old Electrical & Electronic Equipment
(Applicable in the European Union and other European countries with separate collection systems)



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of

this product, please contact your local Civic Office, your household waste disposal service or the shop where you

Safety Instructions

There are two categories of Safety Instructions included in this manual:

- Product Warnings, (i.e., what must never be done to assure avoiding those hazards that could cause bodily injury or property damage); and
- User Directions (i.e., what must always be done to assure the safe use of your device).

The Safety Instructions contained in this manual have been categorized in accordance with the seriousness of the potential hazards through the use of Signal Words. Those Signal Words, and their intended meanings, are as follows:

DANGER: Indicates that a failure to observe the Safety Instructions could result in death or catastrophic bodily injury.

WARNING: Indicates that a failure to observe the Safety Instructions could result in serious bodily injury.

CAUTION: Indicates that a failure to observe the Safety Instructions could result in minor bodily injury or property damage.

NOTE: Designates important information that relates to activities and/or conditions that might result in loss of data and/or damage to your device.

Safe Use and Operation of Your Device

This equipment emits stray RF energy and will interfere with the reception of signals by airborne electronic navigational devices or medical devices. Do not operate this equipment near any sensitive medical devices.

WARNING: Use only grounded AC power cords.

Always immediately disconnect the power to the equipment in the event the device emits an unusual odor or sound or generates smoke.

WARNING: Never attempt to disassemble, repair or make any modification to your device. Disassembly, modification or any attempt at repair could cause bodily injury or property damage, as well as damage to the device itself.

WARNING: Your device is not a toy. Never allow children to play with your device. Misuse, rough or improper handling of your device by children could result in serious bodily injury for any of the enumerated safety warnings in this manual. In addition, always keep all accessories and components out of the reach of small children as small parts might present a choking hazard. Seek immediate medical attention if choking occurs or if any small part has been swallowed.

CAUTION: Never raise the sound volume level too high when using your device with earphones. An excessive sound volume level could cause damage to your hearing.

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to moisture or water.

Do not allow foreign objects to get into the enclosure. If the unit is exposed to moisture, or a foreign object gets into the enclosure, immediately disconnect the power cord from the wall. Take the unit to a qualified service person for inspection and necessary repairs.

Read all the instructions before connecting or operating the component. Keep this manual so you can refer to these safety instructions.

Heed all warnings and safety information in these instructions and on the product itself. Follow all operating instructions.

Do not use this unit near water.

You must allow a minimum 10 cm or 4 inches of unobstructed clearance around the unit. Do not place the unit on a bed, sofa, rug, or similar surface that could block the ventilation openings. If the unit is placed in a bookcase or cabinet, there must be ventilation of the cabinet to allow proper cooling. Keep the component away from radiators, heat registers, stoves, or any other appliance that produces heat.

The unit must be connected to a power supply only of the type and voltage specified on the rear panel.

Connect the component to the power outlet only with the supplied power supply cable or an exact equivalent. Do not modify the supplied cable.

Do not route the power cord where it will be crushed, pinched, bent, exposed to heat, or damaged in any way. Pay particular attention to the power cord at the plug and where the cord exits the back of the unit.

The power cord should be unplugged from the wall outlet during a lightning storm or if the unit is to be left unused for a long period of time.

Immediately stop using the component and have it inspected and/or serviced by a qualified service agency if:

- The power supply cord or plug has been damaged.
- Objects have fallen or liquid has been spilled into the unit.
- The unit has been exposed to rain.
- The unit shows signs of improper operation.
- The unit has been dropped or damaged in any way.

Celsus SP-One Speaker

Spacious sound stage, commanding bass, exemplary coherence and musicality

Size notwithstanding, the Celsus SP-One speaker can fill a room with audiophile-quality sound. The SP-One's expansive soundstage, commanding bass and overall musicality puts it at the forefront of "bookshelf" speakers. And for more personal applications, the SP-One's excellent nearfield characteristics, especially at low volume settings, makes it the perfect desktop companion. The SP One's enclosure is made of a dense, premium-quality, naturally finished bamboo. The carbon-fiber woofer, featuring an aluminum waveguide, nicely complements the cabinet's sophisticated styling.

Design features that enable SP-One to outperform similar speakers

1) Deep Bass Carbon Fiber Woofer: lightweight 3.5 inch woven carbon-fiber cone, wave reflection structure and

custom-designed magnet together produce a 55Hz frequency normally typical of larger woofers.



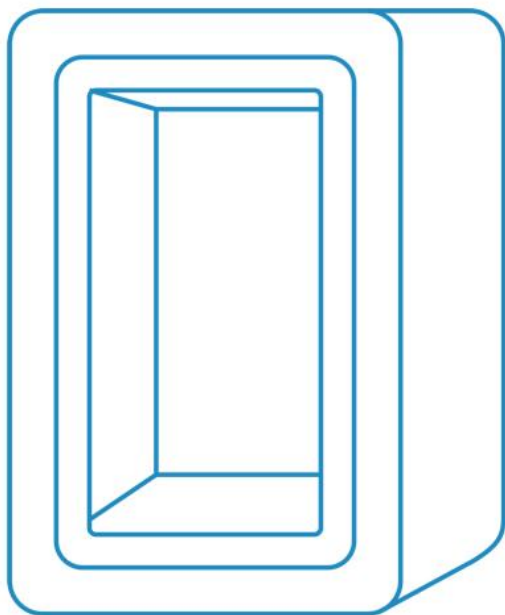
2) Tweeter: soft dome, horn-loaded driver for a wide dispersion of highs – a design that lowers the crossover frequency in order to achieve a flatter frequency response.



The soft-dome tweeter's high-energy magnetic flux and self-cooling capability together produce an audibly clearer signal.

3) Frequency Division: By carefully matching tweeter and woofer characteristics, the SP-One eliminates the need for a traditional crossover network, so often a source of degraded sonic. Instead, the SP-One employs a single custom capacitor as a frequency divider for a more detailed and vivid sound.

4) The SP-One's double cavity allows for a bass reflex design capable of delivering powerful dynamics.



5) CD-quality Bluetooth sound: together, the 4.0 Bluetooth transmitter and receiver module with aptX technology plus the SP-One's noise-reduction circuit deliver CD-quality sound.

6) Optimized Active Speaker Design: the SP-One audiophile-grade power amplifier's specific compatibility with speaker and Bluetooth module bring to life a vast, imposing soundstage rich in the music's smallest details.

Features:

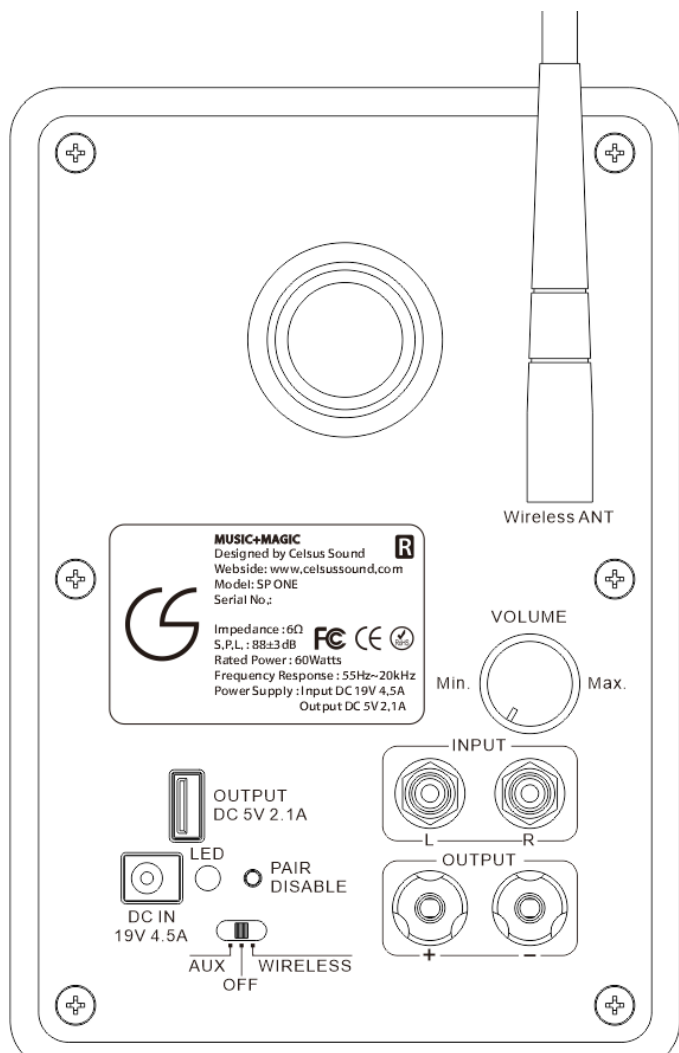
- Enclosure is made of a dense, premium-quality, naturally finished bamboo

- Carbon Fiber Woofer with wave reflection structure and custom-designed magnet together produces 55Hz deep bass and the most coherent sound.
- Soft dome, horn-loaded tweeter for a wide dispersion of highs
- A single custom capacitor replaces complex crossover for a more detailed and vivid sound.
- Double cavity cabinet design allows for deep bass and powerful dynamics.
- Optimized active speaker design

Specification:

- Frequency Response: 55Hz to 22kHz
- Impedance: 6 Ohms
- Power Rating: 60Watt RMS
- Sensitivity: 88dB
- Inputs: Bluetooth & Line In
- Power Supply: AC adapter (DC19.5V, 4.5A)
- 5V DC charging Port for external accessory
- Dimension (H x W x D): 195 X 130 X 180mm
- Weight: 2.3Kg

User Guide



The 5V charger output on the back of SP-One can be used to power an external WiFi Audio receiver or use as a charger for your mobile device.

Speaker Placement and Setup

1. The Active Speaker (the unit that has the back panel as shown in the illustration above) should be placed on the right.
2. The speakers should be at least 1.5 meters apart, and about 1 meter away from the wall.
3. Connect the two speakers using the cable provided.
4. Use only the included AC adapter to power up the speaker. It is designed to work with worldwide AC from 100 to 240V.

There are three ways to configure the SP-One:

- 1) SP-One as a Bluetooth speaker
 - a. Set the switch on the back of the speaker to WIRELESS. A LED will blink rapidly in red and blue color to indicate that it is in pairing mode. It will turn to blinking blue color when it is paired with a source device.
 - b. Connect your Bluetooth source device (smartphone, tablet or computer) to the SP-One.
 - c. To manually un-pair the speaker from a source device, press and hold the small PAIR DISABLE button for 3 seconds.
- 2) SP-One as an active speaker using AUX input
 - a. Set the switch on the back of the speaker to AUX.
 - b. Connect the analog output from an external source to the RCA input of SP-One.

- 3) SP-One as a passive speaker
- a. You might want to use an external Integrated Digital Amplifier (which has USB and optical inputs for connecting to other digital source devices) to drive SP-One instead of its internal power amplifier.
 - b. Connect the external power amplifier speaker cables to the left and right SP-One speaker terminals (do not connect to the RCA inputs). Unlike the AUX and Bluetooth configuration, you *do not connect the speaker cables between the two speakers*. They are both connected to the external amplifier.

Accessories

- Antenna
- Speaker cable
- Line In cable
- AC power adapter and power cord
- Manual
- Two sets of Rubber feet for speakers

Celsus Sound's Limited Warranty and Limitation of Liabilities

ADDITIONAL RIGHTS

FOR CONSUMERS, WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. THIS WARRANTY DOES NOT EXCLUDE, LIMIT OR SUSPEND ANY RIGHTS OF CONSUMERS ARISING OUT OF NONCONFORMITY WITH A SALES CONTRACT. SOME COUNTRIES, STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION MAY LAST, SO THE LIMITATIONS OR EXCLUSIONS DESCRIBED BELOW MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY BY COUNTRY, STATE OR PROVINCE. THIS LIMITED WARRANTY IS GOVERNED BY AND CONSTRUED UNDER THE LAWS OF THE COUNTRY IN WHICH THE PRODUCT PURCHASE TOOK PLACE.

LIMITED WARRANTY

For a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser ("Warranty Period"), Celsus Sound warrants (in) this product against defects in materials and workmanship, and (ii) that each Product, unmodified and under normal use and conditions, will substantially comply with Celsus Sound' applicable written technical documentation for the Product. Celsus Sound reserves the right to make substitutions and modifications from time to time in the specifications of Products sold by Celsus Sound, provided that such substitutions or modifications do not materially affect overall Product performance.

If a hardware defect exists and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, Celsus Sound will (1) repair the hardware defect at no charge, using new or refurbished replacement parts, (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product, or (3) refund the purchase price of the product. Celsus Sound may request that you replace defective parts with user-installable new or refurbished parts that Celsus Sound provides in fulfillment of its warranty obligation. A replacement product/part assumes the remaining warranty of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Celsus Sound's property. When a refund is given, your product becomes Celsus Sound's property.

OBTAINING WARRANTY SERVICE

If you purchased the product in the U.S., deliver the product, at your expense, to any Celsus Sound Service Center located in the U.S. If you purchased the product outside of the U.S., deliver the product to any Celsus Sound Authorized Importer in the country where you purchased the product. Be aware, however, that not all countries have Celsus Sound Authorized Service Providers ('NASP') and not all Authorized Service Providers outside the country of purchase have all parts or replacement units for the product. If the product cannot be repaired or replaced in the country it is in, it may need to be sent to a different country or returned to the country of purchase at your expense for repair or replacement. If you seek service in a country that is not the country of original purchase, you will comply with all applicable import and export laws and regulations and be responsible for all custom duties, V.A.T. and other associated taxes and charges. Where international service is available, Celsus Sound may repair or exchange defective products and parts with comparable products and parts that comply with local standards. You can always deliver the product to Celsus Sound's U.S. main service center for obtaining warranty service, however, you may have to pay for return shipping cost.

Celsus Sound may send you user-installable new or refurbished replacement product or parts to enable you to service or exchange your own product ("DIY Service"). Upon receipt of the replacement product or part, the original product or part becomes the property of Celsus Sound and you agree to follow instructions, including, if required, arranging the return of original product or part to Celsus Sound in a timely manner.

When providing DIY Service requiring the return of the original product or part, Celsus Sound may require a credit card authorization as security for the retail price of the replacement product or part and applicable shipping costs. If you follow instructions, Celsus Sound will cancel the credit card authorization, so you will not be charged for the product or part and shipping costs. If you fail to return the replaced product or part as instructed or the replaced product or part is not eligible for warranty service, Celsus Sound will charge the credit card for the authorized amount.

EXCLUSIONS AND LIMITATIONS

This Limited Warranty applies only to hardware products manufactured by or for Celsus Sound that can be identified by the "Celsus Sound" trademark, trade name, or logo affixed to them. The Limited Warranty does not apply to any non-Celsus Sound hardware products or any accessories, even if packaged or sold with Celsus Sound hardware. Non-Celsus Sound manufacturers, suppliers, may provide their own warranties. Other accessories distributed by Celsus Sound under the Celsus Sound brand name are not covered under this Limited Warranty. This warranty does not apply: (a) to damage caused by accident, abuse, misuse, misapplication, liquid contact, fire, earthquake, non-Celsus Sound products, or other external causes; (b) to damage caused by service performed by anyone who is not a NASP; (c) to a product or a part that has been modified without the written permission of Celsus Sound; (d) to consumable parts, such as batteries, or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship; (e) to cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (f) to defects caused by normal wear and

tear or otherwise due to the normal aging of the product; or (g) if any Celsus Sound serial number has been removed or defaced.

Important: Do not open the hardware product. Opening the hardware product may cause damage that is not covered by this warranty. Only Celsus Sound or a NASP should perform service on this hardware product.

THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. CELSUS SOUND SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF CELSUS SOUND CANNOT LAWFULLY DISCLAIM IMPLIED WARRANTIES UNDER THIS LIMITED WARRANTY, ALL SUCH WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. No Celsus Sound reseller, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

CELSUS SOUND IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO LOST PROFITS, DOWNTIME, GOODWILL, DAMAGE TO OR REPLACEMENT OF EQUIPMENT AND PROPERTY, ANY COSTS OF RECOVERING, REPROGRAMMING, OR REPRODUCING ANY PROGRAM OR DATA STORED IN OR USED WITH CELSUS SOUND PRODUCTS, AND ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF DATA STORED ON THE PRODUCT. CELSUS SOUND SPECIFICALLY DOES NOT REPRESENT THAT IT WILL BE ABLE TO REPAIR ANY PRODUCT UNDER THIS WARRANTY OR MAKE A PRODUCT EXCHANGE WITHOUT RISK TO OR LOSS OF PROGRAMS OR DATA.

Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages or exclusions or limitations on the duration of implied warranties or conditions, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by state or province.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER.

CELSUS SOUND SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.