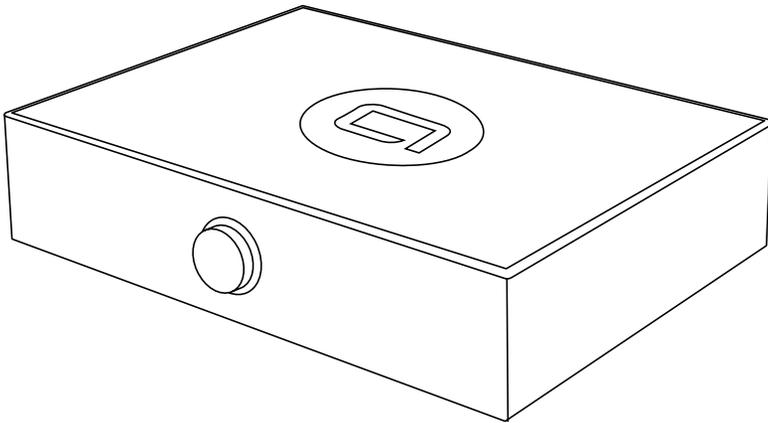


SPINBASE 2 SPINBASE MAX 2

TURNTABLE SPEAKER SYSTEM

isogroove™ technology

PATENT No. US 12,035,119



www.andoveraudio.com

Introduction

We're really pleased that you have chosen SpinBase 2 or SpinBase MAX 2. It is all you need to enjoy great sound from your Turntable, Bluetooth device, and any wired analog or digital source you may wish to add. Combining your speaker with an Andover SpinDeck series Turntable creates a simple high performance playback system that is easy to set up, sounds great and is a snap to use. The SpinBase 2 and SpinBase MAX 2 have identical features and operation, therefore we will refer to both models as simply SpinBase in this manual.

Andover's unique Patented IsoGroove technology allows you to place a turntable directly atop our products without worrying about vibration transfer that can muddy the sound.

If you need somewhere to put your SpinBase, we also offer a matching SpinStand that provides a solid platform for your system while providing storage for up to 150 LP's.

Your SpinBase series speaker also offers expansion options thanks to its Line-level audio outputs for additional powered speakers or a subwoofer. It also features wireless transmission to Bluetooth equipped headphones or added speakers.

Adding a Songbird series WiFi Streaming adapter (sold separately) will give your speaker access to the Worldwide Web of High Resolution entertainment from the most popular streaming services and internet radio stations.

Contact your local dealer, or check out our website for more information on these accessories.

We sincerely hope that you will be overjoyed with the years of great-sounding, simple to operate, musical entertainment that SpinBase will provide.

To get the most enjoyment, be sure to thoroughly review this manual and heed the important safety instructions. If you have any questions not covered here please contact Andover Audio support via www.andoveraudio.com/support or +1 978.775.3670.

Please save the carton and original packaging in case you ever need to move or ship your unit.

About Andover Audio

Since 2012, we at Andover Audio have provided design and manufacturing services behind the scenes to some of the most recognized brands in mobile, professional, and high-performance consumer audio. We now focus our award-winning skills on our own product line that artfully blends exceptional sound with distinctive design.

Table of Contents

Safety Warnings / FCC Statement.....	1-2
Placement within your room.....	3
Quick Setup Rear PanelConnections.....	4
How to Connect your Turntable.....	5
Connecting other sources.....	6
Basic Operation	7-8
Advanced Features.....	9
Connecting to Bluetooth Devices.....	10
Warranty and Service.....	11
Specifications	12

FCC STATEMENT FOR THE U.S.A.

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.

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 correct the interference by one or more of the following measures:

- Reorient 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.
- Changes or modification to this equipment not expressly approved by Andover for compliance will void the user's warranty.

RADIATION EXPOSURE LIMITS

This equipment complies with FCC Radiation Exposure limits set forth for an uncontrolled Environment. This equipment should be installed and operated with a minimum of 20cm between the radiator and your body.

RECYCLE

This product can be recycled. Products bearing this symbol must NOT be thrown away with normal household waste. At the end of the product's life, take it to a collection point designated for recycling of electrical and electronic devices. Find out more about return and collection points through your local authority.

The European Waste Electrical and Electronic Equipment (WEEE) Directive was implemented to dramatically reduce the amount of waste going to landfills, thereby reducing the environmental impact on the planet and on human health. Please act responsibly by recycling used products. If this product is still usable, consider giving it away or selling it.



REMOTE-CONTROL BATTERY

Operating ambient temperature: 0 - 40°C,

Storage and transportation ambient temperature: -10 - 50°C, altitude not higher than 2000m (air pressure not less than 80kPa).

WARNING:

- replacement of a battery with an incorrect type may defeat a safeguard.
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, may result in an explosion.
- leaving a battery in an extremely high temperature surrounding environment, such as sunshine, fire, or hot surface may result in an explosion or the leakage of flammable liquid or gas.
- a battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

CAUTION

Risk of fire or explosion if the battery is replaced by an incorrect type!

WARNING

DO NOT OPEN
TO PREVENT THE RISK OF ELECTRIC
SHOCK, DO NOT REMOVE COVER. NO
USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.



This symbol alerts the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
Ce symbole avertit l'utilisateur de la présence d'une « tension dangereuse » non isolée à l'intérieur du boîtier du produit qui peut être d'une ampleur suffisante pour constituer un risque de choc électrique pour les personnes.

AVERTISSEMENT

NE PAS OUVRIR
POUR ÉVITER LE RISQUE DE CHOC
ÉLECTRIQUE, NE PAS RETIRER LE COU-
VERCLE. AUCUNE PIÈCE RÉPARABLE
PAR L'UTILISATEUR À L'INTÉRIEUR.
RÉFÉREZ L'ENTRETIEN À UN PERSON-
NEL D'ENTRETIEN QUALIFIÉ.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.
Ce symbole est destiné à alerter l'utilisateur de la présence d'instructions importantes d'utilisation et de maintenance (entretien) dans la documentation accompagnant l'appareil.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Do not use this apparatus near water.
5. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Only use attachments/accessories specified by the manufacturer.
9. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
10. Unplug this apparatus during lightning storms or when not used for long periods of time.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
14. Do not install this apparatus in a bookcase or similar unit.

Consignes de sécurité importantes

1. Lisez ces instructions.
2. Conservez ces instructions.
3. Tenez compte de tous les avertissements.
4. Ne pas utiliser cet appareil près de l'eau.
5. Nettoyez uniquement avec un chiffon sec.
6. Ne bloquez aucune bouche d'aération. Installer conformément aux instructions du fabricant.
7. Ne pas installer à proximité de sources de chaleur telles que des radiateurs, des bouches de chaleur, des poêles ou d'autres appareils (y compris des amplificateurs) produisant de la chaleur.
8. Ne contrecarrez pas l'objectif de sécurité de la fiche polarisée ou de type mise à la terre. Une fiche polarisée comporte deux lames, l'une plus large que l'autre. Une fiche de type mise à la terre comporte deux lames et une troisième broche de mise à la terre. La lame large ou la troisième broche sont fournies pour votre sécurité. Si la fiche fournie ne rentre pas dans votre prise, consultez un électricien pour le remplacement de la prise obsolète.
9. Utilisez uniquement les pièces jointes/accessoires spécifiés par le fabricant.
10. Utiliser uniquement avec le chariot, le support, le trépied, le support ou la table spécifié par le fabricant ou vendu avec l'appareil. Lorsqu'un chariot est utilisé, soyez prudent lorsque vous déplacez la combinaison chariot/appareil pour éviter les blessures causées par le renversement.
11. Débranchez cet appareil pendant les orages ou lorsqu'il n'est pas utilisé pendant de longues périodes.
12. Confiez tout entretien à un personnel de service qualifié. Une réparation est requise lorsque l'appareil a été endommagé de quelque manière que ce soit, par exemple si le cordon d'alimentation ou la fiche est endommagé, du liquide a été renversé ou des objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité, ne fonctionne pas normalement, ou a été abandonné.
13. L'appareil ne doit pas être exposé aux gouttes ou aux éclaboussures et aucun objet rempli de liquide, tel que des vases, ne doit être placé sur l'appareil.

15. The apparatus draws nominal non-operating power from the AC outlet when in standby.
16. The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
17. To completely disconnect the power input, the rear panel power connection may be removed.
18. Excessive sound pressure from earphones and headphones can cause hearing loss.

Additional Safety Advice

1. Keep surrounding objects at least four inches away from the apparatus for adequate ventilation.
2. Ventilation openings on the apparatus should not be impeded by such items as newspaper, cloths, curtains, and the like.
3. Do not place naked flame sources near the apparatus, such as lighted candles.
4. Dispose of internal electronics in accordance with local safety and environmental regulations.
5. Do not operate the apparatus at a temperature less than 36° F / 2° C or greater than 100° F / 38° C.

Caution

- DO NOT REMOVE THE EXTERNAL ENCLOSURE PARTS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE INSIDE.
- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT ANDOVER AUDIO CUSTOMER SUPPORT. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.

14. N'installez pas cet appareil dans une bibliothèque ou une unité similaire.
15. L'appareil consomme une puissance nominale hors fonctionnement de la prise secteur lorsqu'il est en veille.
16. L'appareil doit être situé suffisamment près de la prise secteur pour que vous puissiez facilement saisir la fiche du cordon d'alimentation à tout moment.
17. Pour déconnecter complètement l'entrée d'alimentation, la connexion d'alimentation du panneau arrière peut être retirée.
18. Une pression sonore excessive provenant des écouteurs et des écouteurs peut entraîner une perte auditive.

Conseils de sécurité supplémentaires

1. Gardez les objets environnants à au moins quatre pouces de l'appareil pour une ventilation adéquate.
2. Les ouvertures de ventilation de l'appareil ne doivent pas être obstruées par des objets tels que des journaux, des tissus, des rideaux, etc.
3. Ne placez pas de sources de flammes nues à proximité de l'appareil, telles que des bougies allumées.
4. Jetez les composants électroniques internes conformément aux réglementations locales en matière de sécurité et d'environnement.
5. N'utilisez pas l'appareil à une température inférieure à 36° F / 2° C ou supérieure à 100° F / 38° C.

Prudence

1. NE RETIREZ PAS LES PIÈCES EXTERNES DU BOÎTIER POUR EXPOSER L'ÉLECTRONIQUE. AUCUNE PIÈCE RÉPARABLE PAR L'UTILISATEUR N'EST À L'INTÉRIEUR.
2. SI VOUS RENCONTREZ DES PROBLÈMES AVEC CE PRODUIT, CONTACTEZ LE SUPPORT CLIENT ANDOVER AUDIO. N'UTILISEZ PAS LE PRODUIT AVANT QU'IL N'AIT ÉTÉ RÉPARÉ.

Placement within your room

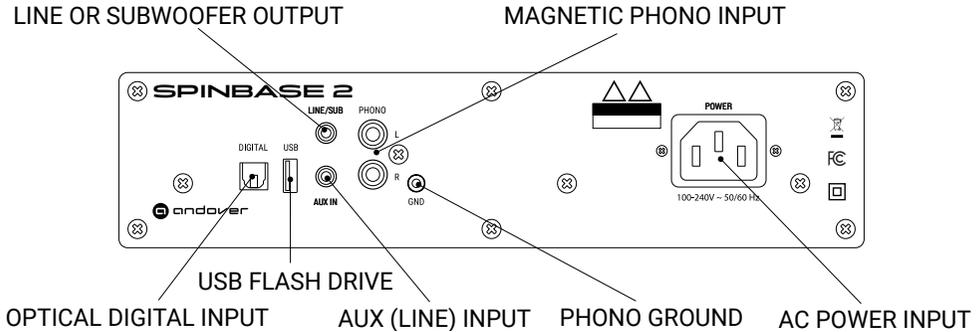
You probably already have an idea where you would like to place the system in your room. Before you make the final decision, consider these recommendations for the most satisfying performance.

With any sound system, where it's located affects how well the sound fills the space. All SpinBase series speakers feature a 270-degree sound field to provide a spacious, room-enveloping performance that defies its compact size. Sound is emitted from both sides and the front of the unit, so be careful not to block the sound from the sides. Although placement of SpinBase speakers is less complex than a typical component system, following these simple guidelines will result in the most enjoyable sound quality.

- To ensure the most even sound coverage, try to place system near the center of one of the walls. It should be at, or slightly below, ear height for a seated listener.
- Using the optional Spinstand will place the system at the ideal height in most rooms.
- If the unit will be placed in a corner, angle it at 45-degrees so that the speakers on one side are not blocked.
- Keep the sides of the unit unobstructed by solid objects for as much distance as practical, but by at least 12" (~30.5 cm).
- Place the unit on a solid table or component rack. DO NOT use soft vibration isolators or place the unit on a carpet or foam surface. If the support surface is not sufficiently rigid, acoustic feedback may occur.
- Avoid placing the unit in an enclosed bookshelf or cabinet, as this will significantly compromise its performance.

Quick Setup - Rear Panel Connections

SpinBase 2 and SpinBase MAX 2 connections and basic operation are identical.



POWER INPUT - Connect the provided AC Power cable here. SpinBase accepts 100 - 240V AC, 50/60 Hz. Countries outside the US and Canada may require an adapter suitable for your local standards.

MAGNETIC PHONO INPUT - Connect to a high quality turntable equipped with a Magnetic Phono Cartridge that does not have a built-in preamp, or has its preamp bypassed.

PHONO GROUND SCREW - Connect the GROUND wire from turntables with this feature to reduce hum. Not all turntables will feature a ground wire.

AUX IN - Use this input to connect a Turntable that has a built-in Phono Preamp, the Line-Out from a Record Player, or any Line Level source such as a CD player or Streaming Audio accessory.

DIGITAL IN - Use this input to connect any device with optical digital output such as a TV, Songbird Streamer, CD player, or Computer. This input accepts up to 24bit/96kHz signals.

USB - Connect a Flash Drive to play MP3, WMA, or WAV music files. You may also use this jack to charge your phone or supply power to a low-power audio source such as Songbird or similar streamer.

LINE / SUB OUTPUT - Use this jack to connect a subwoofer, or to connect external powered speakers or amplifier. The internal speakers may be switched on or off from the front panel or remote.

How to Connect your Turntable

SpinBase 2 and SpinBase MAX 2 can be used with many different types of Turntables or Record Players.

The term Record Player describes an all-in-one device containing speakers. A Turntable is a component which requires connection to a speaker or amplifier. How you connect it to SpinBase depends on the Turntable or Record Player type you have.

A. Component Turntable with Magnetic Cartridge

This is the most common type of turntable typically used with SpinBase.

- Connect the Left and Right Phono Plugs to the pair of input jacks labeled “Phono”.
- If your Turntable is equipped with a GROUND wire, attach it to the ground screw on SpinBase. If this is not securely attached, you may hear excessive hum from the speakers.

2. Component Turntable with Magnetic Cartridge and built-in preamplifier

These are also quite common, and you have two options for connection.

1. If your Turntable does not have a switch to defeat the built-in preamp, connect it's output to the **AUX-IN** jack on SpinBase.
2. If your Turntable has a switch that allows you to bypass its built-in preamplifier, place the switch in the bypass mode and connect it as in the example shown on the next page.

Depending on the quality of your Turntable's built-in preamplifier, you may want to try both options and use whichever sounds best to you.

B. Bluetooth Turntable

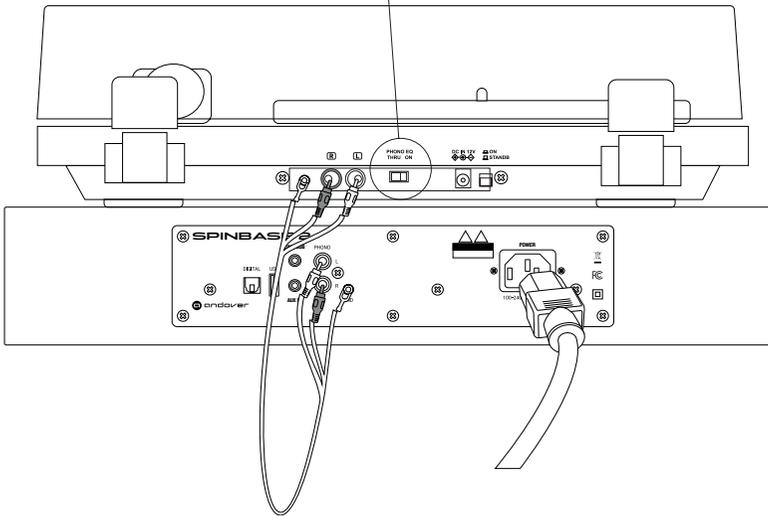
Bluetooth transmitting turntables can be connected to SpinBase by using the internal Bluetooth receiver. If you have a wired option, we recommend using it instead for the best sound quality without the degradation of sound typical of the inexpensive transmitters found in most Bluetooth turntables.

C. All-in-one Record Player

SpinBase can also dramatically improve the sound of most all-in-one portable Record Players that already contain built-in speakers. The Record Player must have a Line-level output to facilitate this. Connect the output of your Record Player to the AUX input jack on your SpinBase model.

Typical Turntable Connection example

If your turntable has a built-in preamplifier, be sure to bypass it.
This may be labelled Thru, Bypass, Phono, or Off depending on the brand.



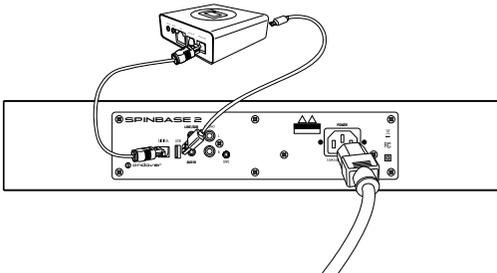
How to Connect Other Sources

SpinBases can be used with many different types of sources. How you connect them depends on the features of that source.

- Connect a Digital Source with TOSLINK optical output to the **DIGITAL** input. This is recommended for TV or Songbird Music Streamer.
- Connect an analog source such as CD player, Tape Deck, or Streamer without Digital output to the **AUX-IN** connector. You may need a 3.5mm to Dual RCA adapter cable for sources that use RCA-type outputs.

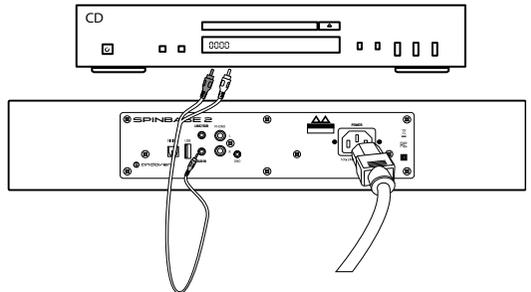
Digital Input example

Songbird Streamer illustrated



Analog Aux input example

CD Player illustrated

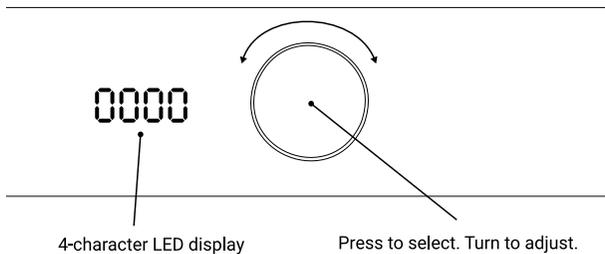


Basic Operation - Front Panel:

SpinBase may be operated from either the front panel or the remote.

The central knob performs all of the functions.

- Pressing or turning the knob will select the next function. Turning the knob will adjust the value of the selected function which will be shown on the LED display.
- The displayed selection will be activated 3 seconds after any adjustment. Press the knob again to illuminate the display.
- Volume adjustment is occurs instantly without the 3-second delay.



To turn the unit ON/OFF: Press or turn the central control knob. After a slight delay, the LED display behind the grille will illuminate to indicate the unit is “ON” and will then display the active input. Press and hold the knob for 3-seconds to turn the unit “OFF”.

Once on, the display will show the source, typically “Ph” (Phono). Turning the knob will adjust volume.

Input Selection: Press the knob, the displayed input will flash. At this time, rotating the knob will scroll through the different inputs. Once you reach the desired input, simply let go of the knob and that input will be selected in a few seconds.

Inputs include:

PH - Phono for turntables equipped with a magnetic cartridge

LINE - Auxiliary input for line-level sources such as a CD player or Turntable equipped with a preamp.

BT - Wireless reception of Bluetooth sources

OPT - Digital sources such as a Songbird streamer, CD player, or TV with optical digital output.

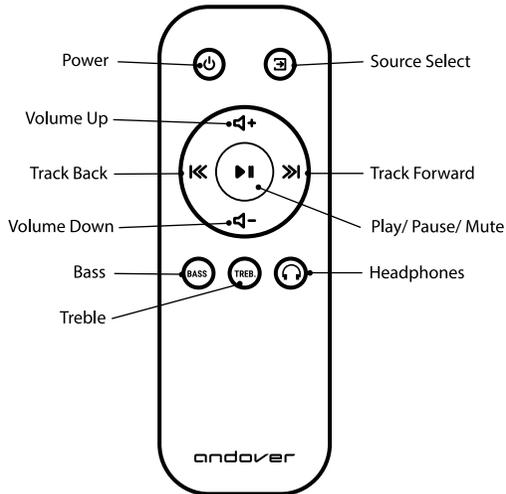
USB - File playback from a flash drive. This item will not appear if no flash drive is present.

Basic Operation - Remote Control:

To turn on SpinBase, press the **POWER** button on the upper left. The LED display behind the grille will illuminate to indicate the unit is ON and its input status. Pressing this button again will turn the unit off.

To adjust volume, press the **VOLUME UP** or **VOLUME DOWN** buttons.

To select a new input, press the **SOURCE SELECT** button at the upper right. Each press of this button will select the next available input, which will be shown on the LED Display.



BASS and **TREB**. when pressed will let you boost or cut Bass and Treble response. Press to enter **BASS** or **TREBLE** mode, then use the **VOLUME UP** or **VOLUME DOWN** buttons to set the level. "00" indicates neutral with no boost or cut.

The **HEADPHONE** button will select "SPON" to play the built-in speakers or "NOSP" to turn the built-in speakers off for private listening. Press and hold this button for >3 seconds to enter pairing mode to connect Bluetooth headphones.

The **TRACK BACK**, **TRACK FORWARD**, and **PLAY/PAUSE** buttons are used with Bluetooth or Flash Drive sources to control their playback.

For USB flash drive playback, all music files must be in the root directory of the drive. There is no menu navigation for folders.

Operating Advanced features from the unit:

Advanced features are easiest to access from the remote, however they are accessible directly on the unit for those times the remote may not be available.

To operate the advanced features directly from the unit, press the knob and the display will flash. Press again *when the display is flashing* to select the next feature in the menu. Turn the knob to adjust each feature, or press to jump to the next feature in this order:

Speaker ON/OFF: Turns the built-in speakers OFF for headphone listening.

“SPON” = Speakers ON, “NOSP” = Speakers OFF

Bass adjustment: “b 00” with range from 10 to -10. “00” represents unaltered natural response.

Treble Adjustment: “t 00” with range from 10 to -10.

Headphone Pairing: “hP-P” To pair with BT headphones or remote speakers. The display will flash when attempting to pair. Once paired the display will glow steadily. If hP-P is not flashing, it indicates that it is already actively paired with another device. You must unpair that other device by turning it off before you can pair to a new device.

A *shortcut* to hP-P is to double-click the knob when the source is displayed and not flashing.

Operating Advanced features from the Remote

See the Remote Control description on the previous page for most functions.

One function accessible only from the remote is the **High-Pass Filter**.

When a subwoofer is used with your SpinBase series speaker, performance is improved by activating the **High-Pass Filter** (HPF) feature. This reduces the bass produced by the built-in SpinBase speakers, letting the Subwoofer handle this range. As a result, the system will play louder and with less distortion. *Activating the HPF when no subwoofer is used will make the sound weak in the bass range, and is not recommended.*

To activate the **High-Pass Filter**, press and hold the **Bass** button on the remote control for >3-seconds. When the display indicates “HP”, the bass range below 100Hz is reduced on the built-in speakers. To restore Full Range operation when no subwoofer is used, press the Bass button for 3-seconds again until the display reads “Fr”.

To Pair Bluetooth Source Devices

- When **BT** input is selected, SpinBase will enter discovery mode automatically, as indicated by a flashing **"bt"** indication on the LED display.
- Enter the Bluetooth menu on your phone or other device and select SpinBase 2 (Or SpinBase MAX 2).
- Once the device indicates it's "connected", you are ready to play. SpinBase will emit a beep, and the **"bt"** indication will stop flashing.
- When **"bt"** is selected again, the unit will try to reconnect to any paired device within range.
- Please note: If you wish to connect to a different device, you must first "disconnect" or "forget" the pairing at the source device.

To Pair Bluetooth Headphones or Speakers

- When using any input, double-click the knob, or press and hold the headphone button on the remote for 3-seconds. The display will indicate Headphone Pairing mode by flashing **"hP-P"**.
- Place your headphones or other Bluetooth device into pairing mode. Once paired, the LED display will stop flashing.
- Bluetooth transmission has a latency that may cause an echo effect when using the built-in speakers and additional speakers simultaneously.

Note: If the **"hP-P"** indicator stops flashing before pairing with your headphones, there may be an unknown Bluetooth receiver within range that is pairing with your SpinBase instead. Make sure any unintended Bluetooth receivers are turned off and try again.

One-Year / Two-Year Warranty

Andover Audio warrants our products against manufacturing defects and workmanship to the initial purchaser for a period of one (1) year from the date of delivery to customer. By registering your item at: register@andoveraudio.com, or by using the QR code below, we will extend the warranty period to two (2) years at no additional cost. This warranty covers both parts and labor for the warranty period. Andover Audio will repair or replace the unit as necessary to restore proper operation.

The warranty excludes physical damage caused by accident or abuse outside of our control, or if the unit is damaged due to incorrect packing.

Please see the separate Warranty document included with your system for additional details and instructions on returns and service.

If your unit was purchased from an authorized dealer, not direct from Andover, contact them first. They may have different policies for returns and may also be able to resolve some issues without requiring a return.

Service

Should you encounter a problem that you are unable to solve, please contact customer service at: www.andoveraudio.com/support, or the dealer that sold you your unit. If you must return your unit for any reason, it must be safely packed and shipped in its original carton and packing material. Damage that is the result of improper packaging is not covered by the warranty.

Product Cleaning

Use a soft dry cloth, or compressed air. Vinyl surfaces may be cleaned using a mild surface cleaner or a damp cloth. Do not use harsh or chlorine based cleaner anywhere on the product. Only clean the exterior of the product.



Specifications

Description: Integrated Powered Loudspeaker system with Phono Preamp and Bluetooth compatible wireless Transmitter and Receiver.

	SpinBase 2	SpinBase MAX 2
Inputs	Magnetic Phono, Aux (Line), Optical, BT compatible Wireless, USB Flash Drive	
Phono Input impedance	47kOhm, 100pF	
Line Input impedance	10kOhm	
Optical input resolution	24Bit/96kHz	
USB File Format	MP3, WMA, WAV	
Headphone Output	120mW @ 16 Ohms	
Line Output	2V RMS	
USB Power	5VDC /300mA	
Power input	100-240V AC / 50-60 Hz/ 1.5A	
Amplifier Type	Dual Direct Drive class-D	
Tweeters	Two 3/4" silk dome	
Woofers	Two 1-3/4" x 4" Oval	Four 3-1/2" round
Woofers amplifier power	20 W/Channel	35 W/Channel
Tweeter Amplifier Power	15 W/Channel	15 W/Channel
Enclosure type	Reflex Vented braced MDF	Sealed Acoustic-Suspension MDF
Frequency Range	65Hz - 20kHz	50Hz - 20kHz
Dimensions W x H x D (inch)	18" x 13.5" x 3.25"	18" x 13.5" x 4.25"
Dimensions W x H x D (mm)	458mm x 343mm x 83mm	458mm x 343mm x 102mm

Andover Audio subscribes to a program of continuous improvement. As a result, some product features and characteristics may change without prior notice.

Andover Audio, L.L.C.
55 Chase St. Methuen, Massachusetts 01844
www.andoveraudio.com | support@andoveraudio.com | 978.775.3670

Andover and Isogroove are registered trademarks of Andover Audio, L.L.C.
IsoGroove is covered by US Patent #12,035,119