

# microlab

microlab

just listen



Chairman  
User Manual



[www.microlab-global.com](http://www.microlab-global.com)  
Microlab Electronics Co., Ltd  
Made in China

FCC ID:OR8-CHAIRMAN  
IC:21231-CHAIRMAN




Before using, please read the manual carefully

Bookshelf Stereo System

## ETL certification declaration

### IMPORTANT SAFETY INSTRUCTIONS


1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. 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.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus. 
11. Only use attachments/accessories specified by the manufacturer.
12. 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.
13. Unplug this apparatus during lightning storms or when used for long periods of time.
14. 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. Where the MAINS plug is used as the disconnect device shall remain readily operable.


**WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**



This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that does not require a safety connection to electrical earth.



 The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

 The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.


15. The highest environmental temperature suitable for this product is 0°C to 35°C for indoor use only.

16. Applicable to altitude below 2000 meters



DU When apparatus operation and installation instructions contain instructions contain instructions for use by service personnel, such instructions shall be separate in format from other instructions and preceded by the word "CAUTION" and the following or the equivalent. \*These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so"

### MESURES DE SÉCURITÉ IMPORTANTES

1. Lisez ces instructions.
2. Conservez ces instructions.
3. Respectez tous les avertissements.
4. Suivez toutes les instructions.
5. N'utilisez pas cet appareil près de l'eau.
6. Nettoyez uniquement avec un linge sec.
7. Les fentes et ouvertures ne doivent jamais être bloquées ni recouvertes. Toute installation de l'appareil doit respecter les instructions du fabricant.
8. Ce produit doit être éloigné des sources de chaleur comme celles des radiateurs, des contrôleurs de chaleur, des cuisinières ou d'autres produits (incluant les amplificateurs) produisant de la chaleur.
9. Ne pas détériorer la sécurité de la fiche polarisée, ou de la fiche de terre. Une fiche dont une broche est plus large que l'autre est une fiche polarisée. Une fiche de type mise à la terre à deux broches, possédant une troisième broche de mise à la terre. La broche plus large ou mise à la terre s'agit d'une mesure de sécurité. Cette fiche se branchera à la prise de courant d'une seule manière. Si vous ne pouvez pas l'insérer complètement dans la prise, contactez un électricien pour le remplacement de la prise désuète.
10. Les cordons d'alimentation doivent être orientés de façon à ne pas être piétinés, ou être coincés par des objets placés sur, ou contre eux. Portez une attention particulière aux cordons à fiche, aux prises de courant adéquates et aux points où les cordons sortent du produit. 
11. Utilisez uniquement des accessoires recommandés par le fabricant.
12. Utilisez uniquement avec un chariot, un présentoir, un trépied, un support, ou une table recommandée par le fabricant, ou vendu avec le produit. La combinaison d'un appareil et d'un chariot doit être déplacée avec prudence.
13. Pour plus de protection pendant un orage, ou lorsque le produit est inutilisé pour de longues périodes de temps, débranchez-le de la prise de courant.
14. Confiez toute réparation au personnel qualifié. Une réparation est requise lorsque le cordon d'alimentation ou la fiche sont endommagés, si du liquide a été renversé sur le produit, ou si un objet est tombé à l'intérieur, si le produit a été exposé à la pluie ou à l'eau, si le produit ne fonctionne pas normalement, ou si le produit a été lâché des mains.

AVERTISSEMENT : La fiche d'alimentation fonctionne en tant que dispositif de déconnexion, elle doit rester toujours prête à fonctionner.

**MISE EN GARDE : POUR RÉDUIRE LE RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE, NE PAS EXPOSER L'APPAREIL À LA PLUIE OU À L'HUMIDITÉ.**



**MISE EN GARDE**  
RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIR



 Le symbole de foudre et d'une flèche à l'intérieur d'un triangle équilatéral signale à l'utilisateur, la présence d'une « tension dangereuse » non isolée à l'intérieur de l'appareil, pouvant être d'une magnitude suffisante pour provoquer un choc électrique.

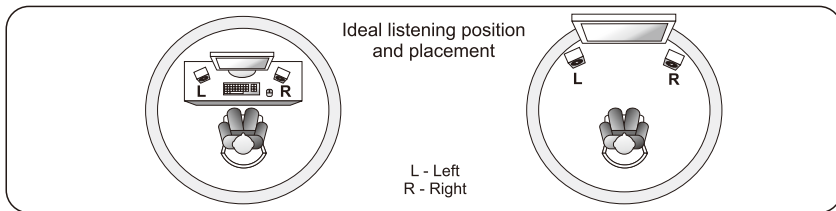
 Le point d'exclamation à l'intérieur d'un triangle équilatéral signale à l'utilisateur la présence d'instructions importantes concernant les soins et l'entretien (réparation) incluses dans la documentation accompagnant l'appareil.

## Frequently Asked Questions (FAQs)

Questions	Solutions
Power LED won't light up	Check if the system is powered on Check the power plug is well connected
No Sound	Check if the audio source is working properly Check if the audio and speaker cables are properly connected Check if the volume is at right level
One speaker or more satellite have no sound	Check if the speaker cable is correctly connected, and ensure the source connection is correctly inserted
Static sound heard when volume knob is turned	Turn off the playback source first, then turn the speaker volume knob several times. Playback again and monitor. The static noise is due to dust, so simply turning the volume will remove it easily.
What are the products supported?	Any playback devices such as Smartphone, Tablet, PC/notebook, CD/DVD player, Mp3/Mp4 media players with 3.5mm stereo plug.
Sound is distorted	Check if the source file is not corrupted, play a different song and test. Ensure music file is of 192 kbps bitrate or higher.
If the problem still exists, please contact the distributor or seek professional advice.	

EN  
1

EN  
6



## Technical Specification

### Amplifier

Output power	64 Watt RMS
Power distribution	18Watt x 2 + 14Watt x 2
Harmonic distortion	< 0.5% 1 W 1 kHz
Frequency response	50 Hz - 20 kHz
Signal/Noise ratio	> 75 dB
Separation	> 50 dB

### Speaker

Tweeter driver type	0.75"
Tweeter impedance	6 Ohm
Woofer driver type	4"
Woofer impedance	4 Ohm

EN

5

## Introduction

Bookshelf speaker system with stereo sound effects. Medium size speakers for most room types such as living room, kitchen, studies or even the bedroom. Ideal for music / movie entertainment and multimedia applications. Great sound from specially design wooden cabinets that entertains you in most occasions.

Clear sound produced from quality tweeter and woofer speaker drivers. Built-in amplifier with power to re-produce sound with clarity and minimum distortions. Perfectly aligned to give perfect harmony and balanced sound. Channel sound to the left speaker with quality interconnect audio cable and terminal connectors. This connection produces less distortion and noise with better sound properties.

Features bass and treble controls for easy adjustment to your preferred sound effects. Easily accessible from the back panel.

Comes with 2 sets of RCA stereo connectors, perfect connection to your sound device such as Smartphone, Tablet, CD/DVD player, Mp3/Mp4 player, or even LCD TV.

### Features

- Classic bookshelf design for most room types
- Built-in amplifier that reproduces clearer original sound
- Stereo speakers with dynamic sound effects
- Each cabinet with bass reflex tunnel for deeper bass
- 4" bass and 0.75" treble drivers for wider sound reproduction
- Ideal for most movies, music, and sound application
- Wooden cabinet with MDF material for better noise absorption
- Support connection to Smartphone, Tablet, CD/DVD player, Mp3/Mp4 player, and LCD TV
- Quality interconnect stereo cable for lesser noise and distortion
- Bass and treble controls for quick access and sound effects
- Bluetooth® wireless technology for free music entertainment

### Package contents

- Chairman speakers 2pcs
- 3.5mm stereo - 2RCA cable 1 pc
- Interconnect speaker cable 1pc
- User manual 1pc

## FCC and Canada EMC Compliance Information

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.

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.

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

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2)

This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

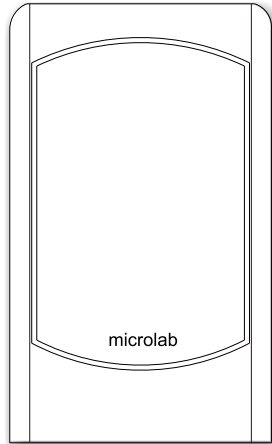
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. L'appareil peut être utilisé dans une condition d'exposition portable sans restriction.

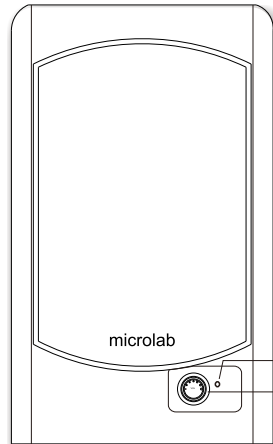
EN

2

Front panel



Left speaker

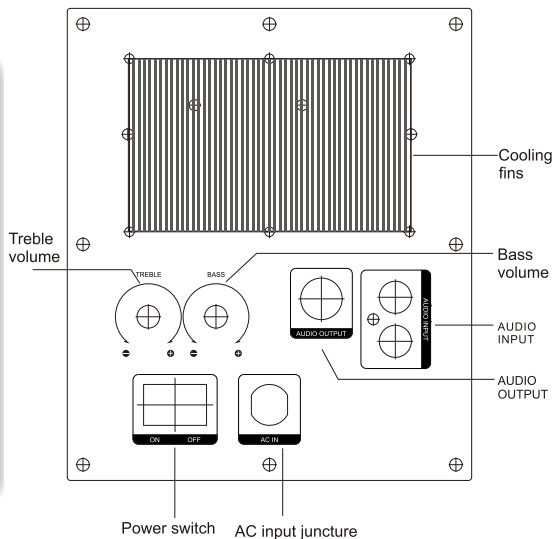
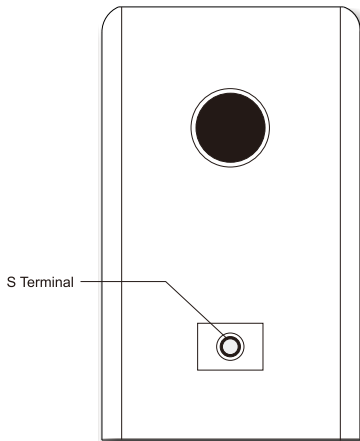


Right speaker

LED  
Master volume

EN  
3

Rear panels



Cooling fins

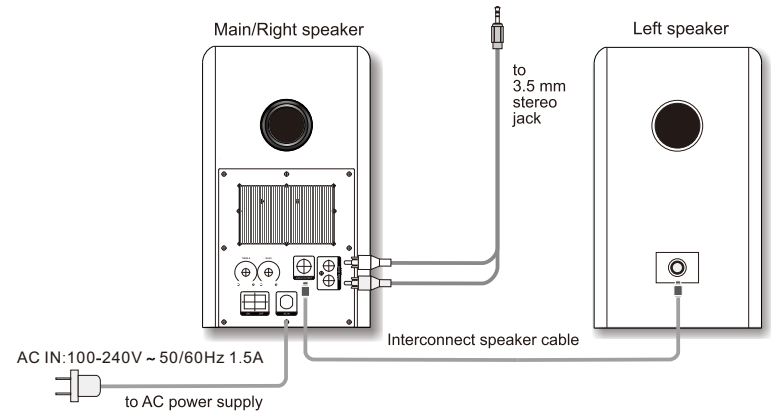
Bass volume

AUDIO INPUT

AUDIO OUTPUT

Power switch AC input juncture

Connections



Connections

Prior to connecting the speakers, ensure the AC power plug is unplugged from the AC source. Secondly ensure the volume knob is set to minimum.

1. Connect the left speaker to the main / right speaker terminal .
2. Place both bookshelf speakers on extreme sides of the listening position.
3. Connect the playback device to the rear AUDIO INPUT interfaces of the right speaker. Use the included 2RCA to 3.5mm stereo cable. Please use only a single set of RCA connectors to avoid interferences.
4. The main / right speaker should be placed near a power source and near the playback device such as Smartphone, Tablet, CD/DVD, Mp3/Mp4 player or LCD TV.
5. Last, connect the AC power cable at the rear of the main / right speaker to the AC power supply source. Please ensure the AC power supply match the power requirement printed at the rear panel.

Operations

1. Ensure the master volume is at the lowest setting.
2. Turn on the main AC power and switch at the rear of the main speaker. The white power LED will be illuminated.
3. Start the playback device and song.
4. Slowly adjust the front volume to your preferred volume level and enjoy.
5. Next, adjust the bass and treble levels at the back panel to your preferred sound effects.

Bluetooth mode

1. From the Bluetooth device list, select the device named "Chairman"
2. The LED to blue for Bluetooth connection complete.

EN  
4