

# microlab

microlab

just listen



B58  
User Manual



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

**Multimedia Speaker System**

### Technical Information

Amplifier	
Total Power:	7 Watt RMS
Power distribution:	3.5 Watt x 2
Harmonic distortion:	< 1 % 1 W 1 kHz
Frequency response:	80 Hz - 20 kHz
Signal/Noise ratio:	> 75 dB
Separation:	> 45 dB
Speakers	
Tweeter driver type:	1"
Tweeter impedance:	4 Ohm
Mid-range speaker type:	3"
Mid-range speaker impedance:	4 Ohm
Interfaces	
Output:	3.5 mm stereo jack for headphones
Input:	3.5 mm stereo jack for auxiliary audio input, 3.5 mm stereo plug

### Frequently Asked Questions (FAQ)

Questions	Answers
What are these speakers ideal for?	Bookshelf speakers are ideal for most multimedia applications with full-range sound reproduction capabilities Built with full-range drivers, it is efficient in handling sound from movies, music, games and CD.
No Sound	Check of the audio source is working well.
	Check if the audio and speaker cables are well connected.
	Ensure volume is correctly adjusted
Intermittent sound	Check the 3.5mm jack and plug for proper connection and cable is firmly 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.
What are the products supported?	Any playback devices such as PC, notebook, CD/DVD player with stereo sound outputs, Media Players with 3.5mm stereo jack or plug.
Sound is distorted	Check if the volume is at lower level and the Mp3 format is recorded at above 196 bitrate
If the problem still exists, please contact the distributor or ask for professional service	

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- dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
20. Please remove the power plug from the main power source or wall power source when not in use. When plugged in to a power source, the system is in standby mode, so the power is not entirely cut off.
  21. **Replacement parts** - When replacement parts are required, ensure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
  22. **Mains fuses** - For continued protection against fire hazard, use fuses only of the correct type and rating. The correct fuse specification for each voltage range is marked on the product.
  23. Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speaker may be damaged when a peak level section is suddenly played.
  24. The only means of completely disconnecting the product from the power supply is by removing the power cord from the wall outlet or the product. The wall outlet or the power cord entry to the product must remain freely accessible at all times while the product is in use.
  25. Try to install the product near a wall socket or extension cord and shall be easily accessible.
  26. The highest environmental temperature suitable for this product is 40°C.

## Introduction

Affordable pair of stereo speakers for your leisure listening pleasure. Bookshelf type designed for easy placement on shelves, desks, or any tabletops. This system reproduce sound easily with its built-in amplifier that drives the speakers with ease. It's full-range speaker drivers provide for both high and low frequencies found in most music.

Ideal for digital music enjoyment from your digital music player, such as Smartphone, Tablet, CD/DVD player, and PC/Notebook.

Each speaker cabinet comes with quality 1" tweeter and 3" midrange woofer driver for wide sound reproduction. The cabinet is made from quality material to absorb unwanted vibrations that causes noises that distort the original sound. Additionally, each cabinet is also built with bass reflex port for deeper vocals and bass effect.

Comes with side control panel for easy volume level adjustment and auxiliary connections.

Connects easily to any media player, PC/notebook or TV with 3.5 mm stereo plug. Features a stereo 3.5 mm jack for headphones connection and another jack for auxiliary audio input.

## Features

- Quality bookshelf stereo speakers
- Full-range sound reproduction for wide range of music types
- Sturdy cabinet design for clearer sound and minimum distortion
- Connects to media player with 3.5 mm stereo jack or plug
- Ideal for casual listening
- Easy and quick to setup and use
- Quality 3" mid-range speaker driver
- Side panel for easy access with volume adjustment and connections

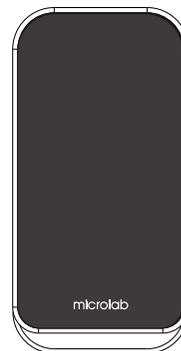
## Package contents

- B58 speakers                    2 pcs
- User manual                    1pc

## Illustrations

### Front view

Left speaker



Right speaker

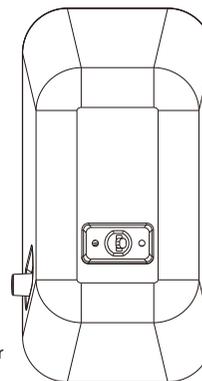


### Side panel

Headphones



### Rear panel

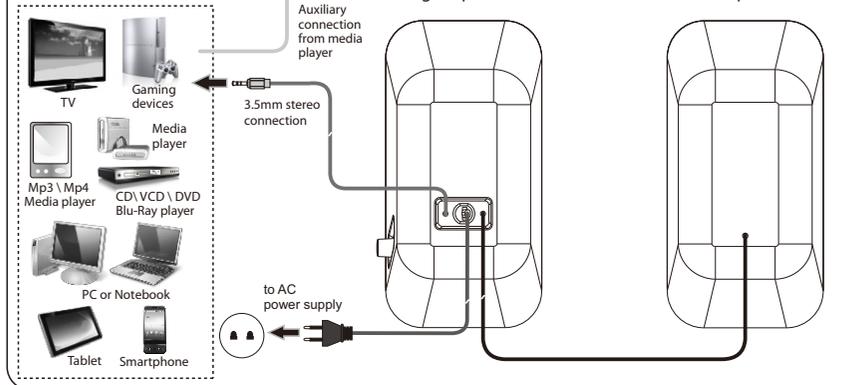


Right speaker

### Connections

Right speaker

Left speaker

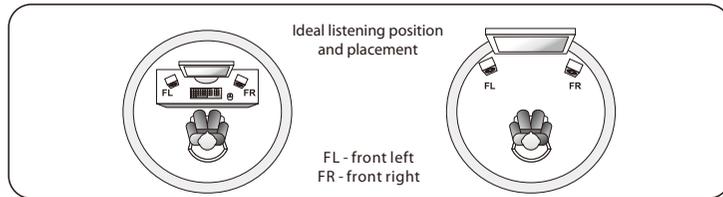


## Connections

1. The Left speaker is connected directly to the Right speaker. The Right speaker is also known as the main speaker as the amplifier is built in it.
2. Place both bookshelf speakers on extreme sides of the listening position.
3. Connect the attached 3.5 mm stereo plug to the media playback source.
4. Alternatively, you can connect any media player to the 3.5 mm AUX input jack located at the side panel. The sound reproduction will now be directed through this input jack.
5. The main / right speaker should be placed near a power source and near the playback device such as CD/DVD, Mp3/Mp4 player or TV.
6. Next, connect the power cable to the AC power supply source. Please ensure the AC power supply match the power requirement printed at the rear panel.
7. Alternatively, you can connect a pair of headphones to the 3.5mm stereo jack on the side of the main speaker. This will mute the main system sound and redirect the audio to the headphones.

## Operations

1. Ensure the master volume is at the lowest setting.
2. Turn on the main AC power.
3. Turn the volume knob to power on the speaker system.
4. The power LED will illuminate in green colour.
5. Start the playback device and song.
6. Adjust the volume on the media player, and speaker master volume to your preferred listening level.



## Important Safety Instructions



### Caution:

To reduce the risk of electric shock, do not dismantle the product and do not expose the apparatus to rain or moisture. No user-serviceable parts inside. Refer servicing to qualified personnel only.

### Explanation of Graphical Symbols:

The lightning flash within an equilateral triangle is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute an electric shock to a person or persons.

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

### WARNINGS:

1. **Read Instructions** - All the safety and operating instructions must be read before the product is operated.
2. **Retain Instructions** - The safety and operating instructions should be kept product for future reference.
3. **Heed warnings** - All warnings on the product and in the operating instructions should be adhered to.
4. **Follow instructions** - All operating and users' instructions should be followed.
5. **Installation** - Install in accordance with the manufacturer's instructions.
6. **Power sources** - This product should be operated only from the type of power source indicated by the marking adjacent to the power cord entry. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
7. **Grounding or polarization** - the product is not required to be grounded. Ensure the plug is fully inserted into the wall outlet or extension cord receptacle to prevent blade or pin exposure. Some versions of the product are equipped with a power cord fitted with a polarized alternating line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. When using an extension power-supply cord or a power-supply cord other than that supplied with the appliance, it should be fitted with the appropriate molded plugs and carry safety approval appropriate to the country of use.
8. **Power cord protection** - Power-supply cords should be routed so that they are not likely to be walked on, kinked or pinched by items placed on or against them, paying particular attention to cords from plugs, receptacles and the point where they exit from the product.
9. **Overloading** - Do not overload wall outlets, extension cords, or multiple sockets, as this can result in a risk of fire or electric shock.
10. **Ventilation** - The product must be properly ventilated. Do not place the product on a bed, sofa, or other similar surface. Do not cover the product with any items such as tablecloths, newspapers, etc.
11. **Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products, including amplifiers that produce heat. No naked flame sources, such as lighted candles, should be placed on the apparatus.
12. **Water and moisture** - To reduce the risk of fire or electric shock, do not expose the product to rain, dripping, splashing or excessive moisture such as in a sauna or bathroom. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.
13. **Object and Liquid Entry** - Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. Do not place any object containing liquid on top of the product.
14. **Cleaning** - Unplug the product from the wall outlet before cleaning. The cabinet of the subwoofer may be cleaned by dusting with a dry cloth. If you wish to use an aerosol cleaning spray, do not spray directly on the cabinet; spray onto the cloth. Be careful not to damage the drive units.
15. **Attachments** - Do not use attachments not recommended by the product manufactures, as they may cause hazards.
16. **Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturers' instructions and should use a mounting accessory recommended by the manufacturer.
17. **Moving the product** - A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
18. **Unused periods** - The power cord of the appliance should be unplugged from the outlet during lightning storms or when the apparatus is left unused for a long period of time.
19. **Servicing** - Do not attempt to service this product yourself, as opening or removing covers may expose you to