


# microlab



microlab



M-1910  
User Manual

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

**Technical Information**

AMPLIFIER	
Total Power:	65 Watt RMS
Power distribution:	8 Watt x 5 + 25 Watt
Harmonic distortion:	< 0.3 % 1 W 1 kHz
Frequency response:	30 Hz - 20 kHz
Signal/Noise ratio:	> 75 dB
Separation:	> 45 dB
Speakers	
Tweeter type:	1" x 4 (Satellites)
Tweeter rated power:	5 Watt x 4, 8 Ohm
Mid-range type:	3" x 4 (Satellites), 3" x 2 (Center)
Mid-range rated power:	10 Watt x 4, 4 Ohm (Satellites), 10 Watt x 2, 8 Ohm (Center)
Woofer type:	6.5"
Woofer rated power:	30 Watt, 8 Ohm
Interfaces	
Output:	5RCAs
Input:	5.1 - 6RCA (home theater), 2.1 - 2RCA (stereo), 1 x Coaxial, 1 x TOSlink
Wireless:	RF remote control (Battery type: Alkaline AAA)

**Frequently Asked Questions (FAQ)**

Frequently Asked Questions	Answers
Wireless volume intermittent Infrared remote control	Please ensure fresh batteries are inside the battery compartment of the remote control. Try to use it nearer to the subwoofer.
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 3.5 mm stereo cable 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 with USB slot, CD/DVD player, Media Players with 3.5mm stereo plug.
Sound is distorted	Check if the volume is at lower level and the Mp3 format is recorded at above 196 bitrate
Where to place this speaker	It is magnetically shielded so can be placed near LCD TV Monitor without any distortion
If the problem still exists, please contact the distributor or ask for professional service	

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## Connections

1. Connect the satellites to the left and right RCA outputs at the rear panel of the subwoofer.
2. Place both satellites on extreme sides of the listening position.
3. Connect the rear satellites to the rear left and right outputs.
4. Place both satellites to the extreme sides at the rear of the listening position.
5. Place the subwoofer on the floor and with its back near the wall for more bass.
6. Connect the center satellite to the center output at the rear panel of the subwoofer, and place this above the LCD monitor or TV.

For Stereo source;

7. Connect the playback device to the rear stereo RCA inputs with the included signal cable.

For 5.1 channel source;

8. Connect the 5 input channels respectively to the rear panel 5 channel RCA inputs.

For Coaxial source;

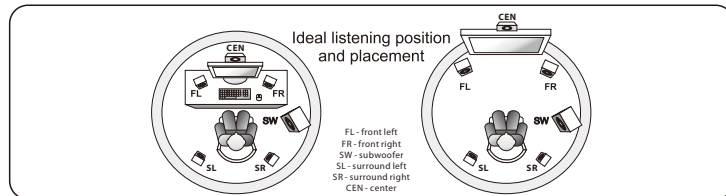
9. Use the included coaxial cable and connect from digital processor to the coaxial port at the rear of the subwoofer.

For Optical source;

10. Connect from the digital processor to the TOSlink port at the rear of the subwoofer with the included optical cable.
11. Next, connect the power cable at the rear of the subwoofer to the AC power supply source. Please ensure the AC power supply match the power requirement printed at the rear panel.
12. For the remote control, please ensure fresh battery is correctly loaded.

## EN 5 Operations

1. Ensure the master volume is at the lowest setting.
2. Turn on the main AC power and switch on the speaker system from the rear power switch.
3. The power LED will illuminate and the default 5.1 mode will be displayed.
4. Start the playback device and song.
5. Adjust the volume on the media player, and speaker master volume to your preferred listening level.
6. For sound effects, bass and front levels can be adjusted from the front panel or remote control.
7. For remote control, simply point directly at the subwoofer and adjust the volume control. The remote control features input selection, sound effect level adjustments and mute.
8. The volume control is factory defaulted at the value 16.
9. For more input options, depress the master volume to toggle the different input source types. The toggle will loop the selections from 5.1, to AU 16, CO 16, OP 16, and then back to 5.1 again. The LED display "5.1" represents the source selection from the 5.1 channel connections. "AU 16" represents the AUX stereo channel, "CO 16" represents the Coaxial connection, and "OP 16" represents the optical TOSlink connection.
10. The system can be placed temporary on hold by depressing the ST-BY button on the front panel or remote control.
11. For short pause during playback, depress the mute button to silence the system.



## 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 user 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 wide 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 unattended 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 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

Enhance your rudimentary TV audio to home theater sound effects with this powerful 5.1 system. Versatile in capabilities, it lets you connect to many multimedia platform options. You can connect to your digital audio processor, or CD/DVD player, Mp3/Mp4 media player, or your TV.

Comes complete with front stereo and center satellites to create sound movements in your room. Two surround satellites placed at the rear for extra sound dimension.

Powerful subwoofer with built-in amplifier that gives you unprecedented vocal and depth in bass frequencies. The subwoofer designed with bass reflex tunnel for efficient woofer movements and complete low frequencies production.

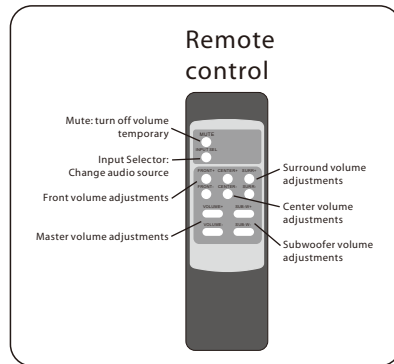
For purer sound, the system includes one TOSlink and one Coaxial for user to connect to their gaming devices such as PS3, XBOX or PC sound card with S/PDIF connectors.

## Features

- Pure sound with PCM technology
- Power 5.1 subwoofer system with cinematic effects
- Connects to stereo and 5.1 audio source such as DVD player and gaming devices
- Enhance your movie effects to cinema quality
- Immerse yourself in your games with acoustic effects
- 5 satellites to fill your room and excite your senses
- Feature TOSLINK and Coaxial connectors
- Remote control for standoff adjustments

## Package contents

M-1910 satellites	5 pcs
M-1910 subwoofer	1 pc
2RCA - 2RCA cable	3 pcs
3.5mm - 2RCA cable	1 pc
Coaxial cable	1 pc
Optical cable	1 pc
Remote control	1 pc
User manual	1 pc



## Illustrations

