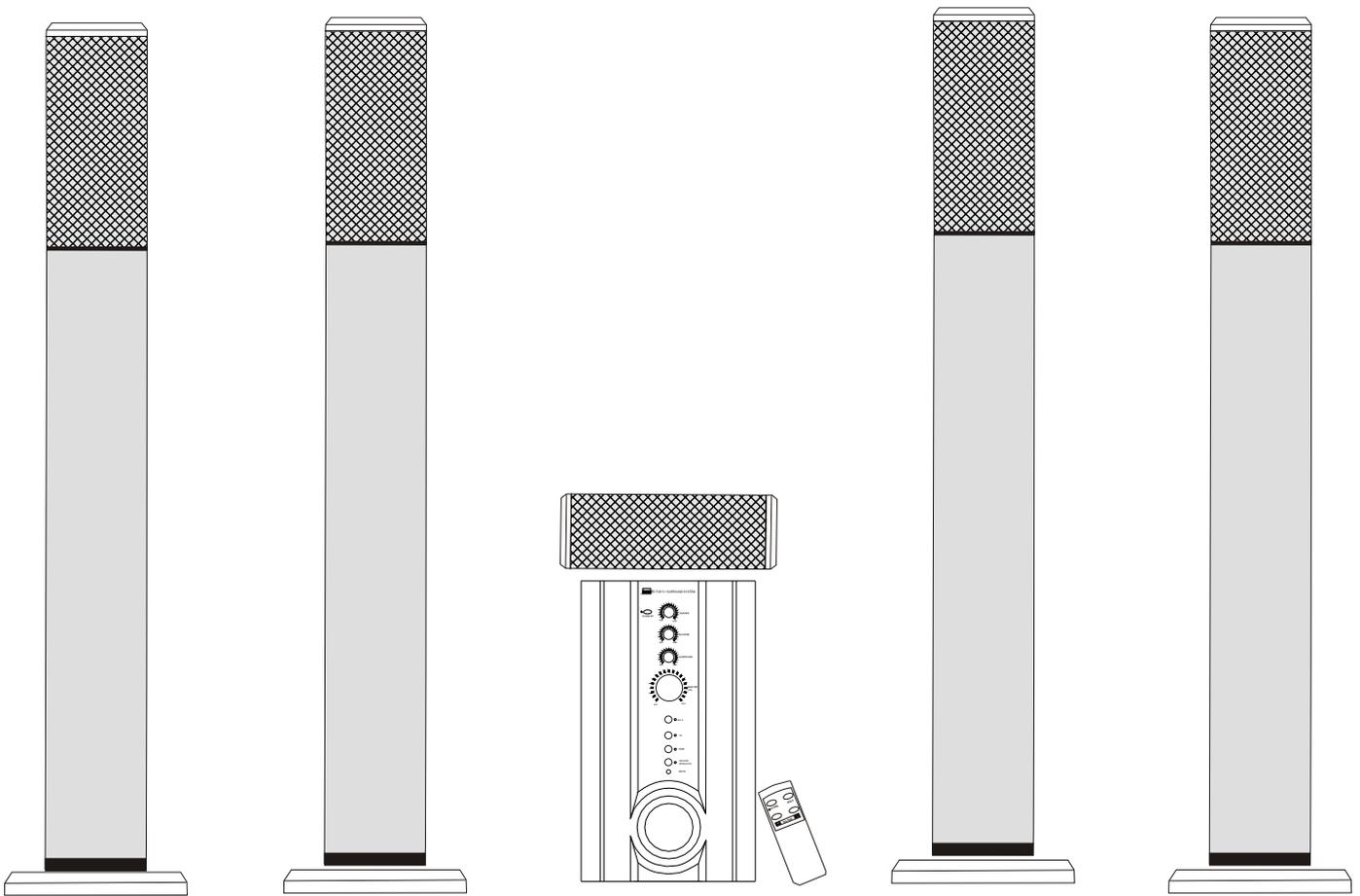


ACTIVE 5.1 HOME THEATER SURROUND SYSTEM



MLi-747H
Ower's Manual

CONTENTS

Page

| | |
|--|----|
| IMPORTANT SAFEGUARDS | 3 |
| SAFETY PRECAUTION | 5 |
| IMPORTANT SAFETY INSTRUCTIONS | 5 |
| PACKING LIST | 6 |
| PLACEMENT OF THE SPEAKERS | 6 |
| THE REMOTE CONTROL | 7 |
| DESCRIPTION OF THE FRONT PANEL OF THE SUBWOOFER | 7 |
| DESCRIPTION OF THE REAR PANEL OF THE SUBWOOFER | 8 |
| CONNECTIONS | 9 |
| OPERATION | 10 |
| BATTERY INSTALLATION | 10 |
| IMPORTANT NOTES | 10 |
| SPECIFICATIONS | 11 |

IMPORTANT SAFEGUARDS

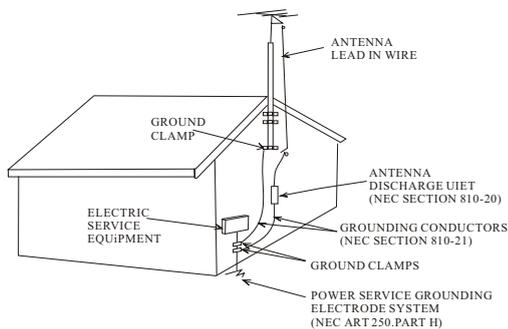
1. Read Instructions - All the safety and operating instruction should be read before the product is operated.
2. Retain Instructions - The safety and operating instruction should be retained for future reference.
3. Heed Warnings - All warning on the product and in the operating instructions should be adhered to.
4. Follow instructions - All operating and use instructions should be followed.
5. Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement, or near a swimming pool, and the like.
8. 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 manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
10. Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction have been adhered to.
11. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instruction.
12. Grounding or Polarization - This product may be equipped with a polarized alternating current 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 polarizes plug.
13. Alternate Warnings - This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.



Power - Cord protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and point where they exit from the product.

14. Protective Attachment Plug - The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

15. Outdoor Antenna Grounding - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure:



16. Lightning-For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
17. Power Lines-An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
18. Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
19. Object and Liquid Entry-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

20. 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.
21. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
- When the power-supply cord or plug is damaged.
 - If liquid has been spilled, or objects have fallen into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - If the product has been dropped or damaged in any way, and.
 - When the product exhibits a distinct change in performance - this indicates a need for service.
22. Replacement parts - When replacement parts are required, be sure 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.
23. Safety Check -Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
24. Wall or Ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
25. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

SAFETY PRECAUTION



WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

***Note: This product is for indoor use only.**



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 product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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 product.

IMPORTANT SAFETY INSTRUCTIONS

1. Save the user's manual

The user's manual should be saved and kept on hand as a convenient reference.

2. Cleaning the unit

Disconnect the mains plug from the outlet before attempting to clean the unit.

- Do not use harsh abrasives or chemicals to clean it, as it will damage the surface finish.
- Use only a soft and damp cloth.

3. Accessories

Please use the accessories enclosed in the unit. Damage caused by using non-recommended or non-provided accessories would not be warranted.

4. Placement

- Do not use this unit near water.
- Do not allow anything to drop into the subwoofer case through its ventilator, as it could result in fatal electric shock or fire.
- Place the unit far enough from other equipments for good heat dissipation.
- Place the unit on a stable surface and out of reach of children to avoid damage to the unit or the risk of injury to people.

5. Maintenance

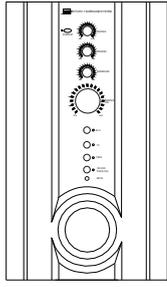
To avoid shock hazard or damage to the unit, do not attempt to remove the cover or the rear panel. All servicing should be referred to qualified service personnel.

PACKING LIST

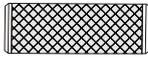
- | | |
|-----------------------------------|------------|
| 1 Remote Control | 1 pc |
| 2 Subwoofer speaker | 1 pc |
| 3 Center Speaker | 1 pc |
| 4 Front Speaker | 2 pcs |
| 5 Surround Speaker | 2 pcs |
| 6 Owner's Manual | 1 pc |
| 7 Speaker Connecting Cable | 1 roll 40m |
| 8 Battery (AAA type) | 2 pcs |
| 9 Screw | 4x3 pcs |



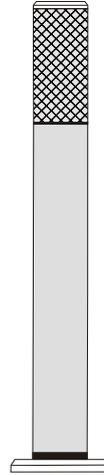
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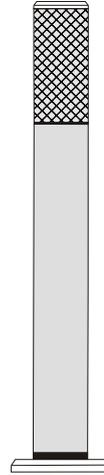
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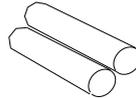
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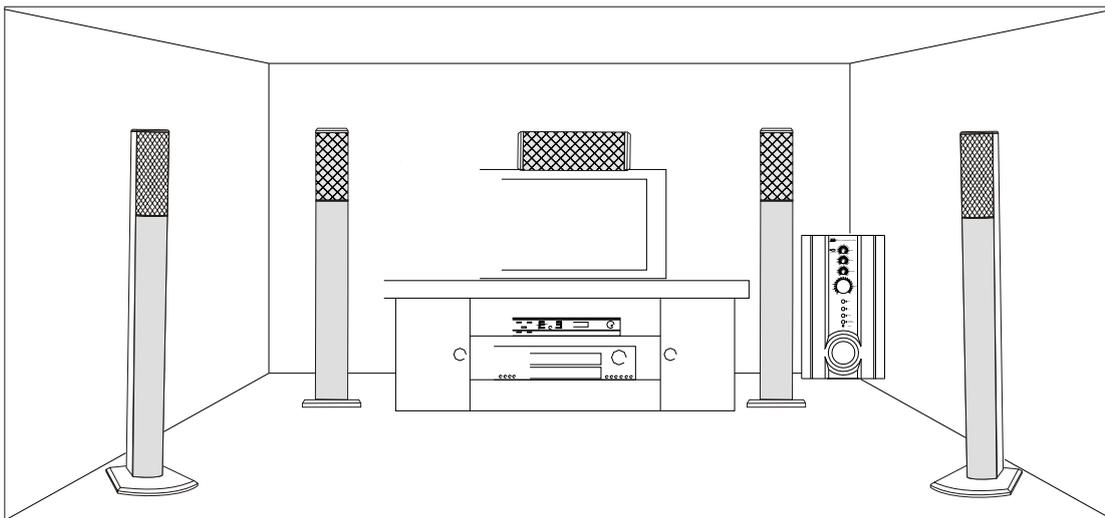


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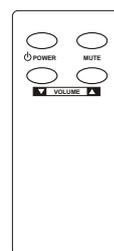
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PLACEMENT OF THE SPEAKERS



THE REMOTE CONTROL

| | |
|------------|--|
| POWER | Controls the stand by or operating mode of the system. |
| MUTE | Turns the volume of the system on or off. |
| VOL-, VOL+ | Adjusts the volume level. |



DESCRIPTION OF THE FRONT PANEL OF THE SUBWOOFER

1. MASTER VOLUME KNOB / POWER INDICATOR

This knob adjusts the volume of the system. When the power is on, the indicator light will illuminate.

2. SURROUND VOLUME

This knob adjusts the volume of the surround speakers.

3. WOOFER VOLUME

This knob adjusts the volume of the subwoofer speaker.

4. CENTER VOLUME

This knob adjusts the volume of the centre speaker.

5. STAND-BY

Controls the stand-by or operating mode of the system. If the indicator on the MASTER VOL. turns red, the system is in stand-by mode; if the indicator turns green, the system is in operating mode.

6. AC-3 / INDICATOR

Press it to choose the AC-3(5.1) input mode. The indicator will light.

7. TV / INDICATOR

Press it to choose the TV input mode. The indicator will light.

8. TAPE / INDICATOR

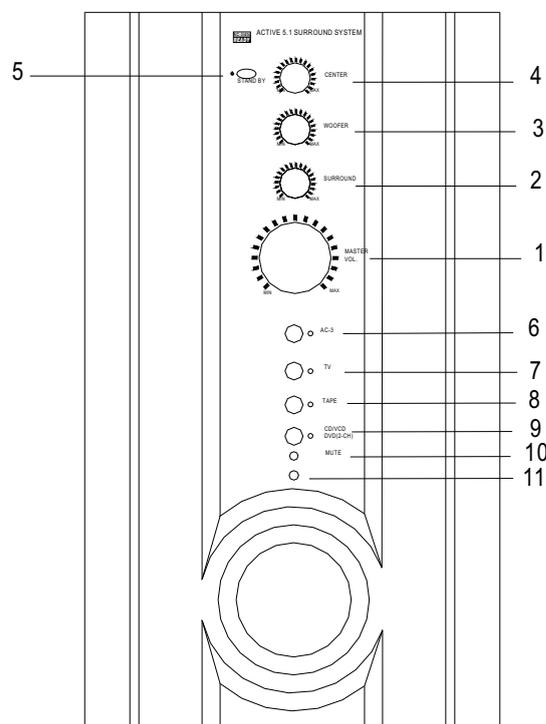
Press it to choose the TAPE input mode. The indicator will light.

9. CD/VCD/DVD(2-CH) / INDICATOR

Press it to choose the CD/VCD/DVD(2-CH) input mode. The indicator will light.

10. MUTE / INDICATOR

11. SENSOR FOR REMOTE CONTROL



DESCRIPTION OF THE REAR PANEL OF THE SUBWOOFER

AC-3 (5.1) INPUT 1

1. **FRONT INPUT R/L**
Front channel input connectors of the system.
2. **SURROUND INPUT R/L**
Surround channel input connectors of the system.
3. **CEN INPUT**
Center channel input connector.
4. **SUB INPUT**
Subwoofer channel input connector.

AC-3 (5.1) INPUT 2

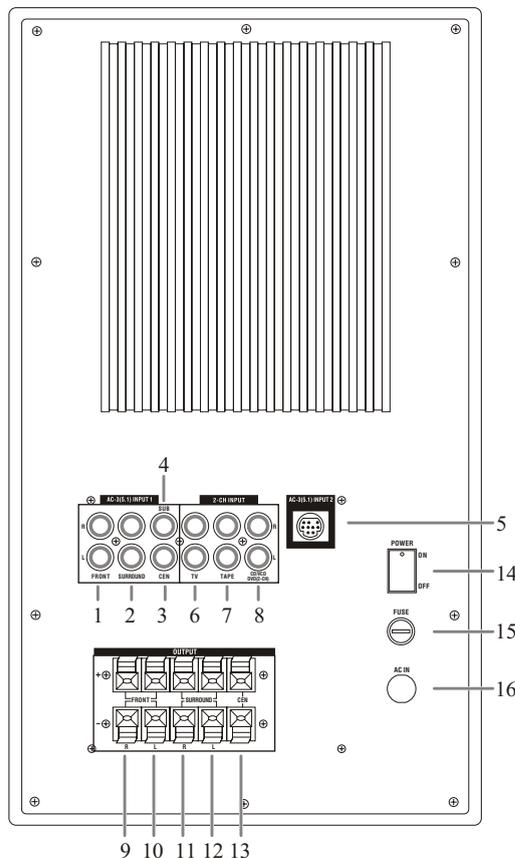
5. **9-PIN DIN CONNECTOR INPUT**

2-CH INPUT

6. **TV INPUT (R/L)**
These connectors are used to receive the TV or set-top box signal.
7. **TAPE INPUT (R/L)**
These connectors are used to receive the tape signal.
8. **CD/VCD/DVD INPUT(R/L)**
These connectors are used to receive the signal from a CD/VCD/DVD(2-CH)player.

OUTPUT

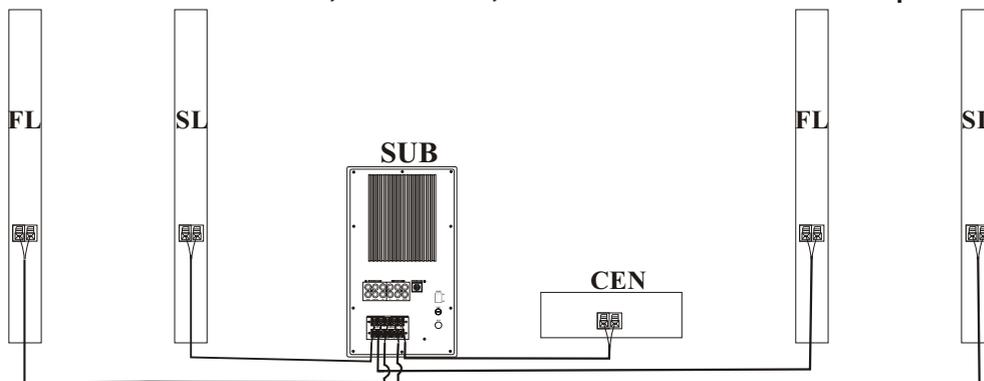
9. **FRONT-R (+/-)**
Front-right channel output connectors.
10. **FRONT-L (+/-)**
Front-left channel output connectors.
11. **SURROUND-R (+/-)**
Surround-right channel output connectors.
12. **SURROUND-L (+/-)**
Surround-left channel output connectors.
13. **CEN (+/-)**
Center channel output connectors.
14. **POWER**
This turns the power of the system on/off.
15. **FUSE**
This is an easy to replace external fuse(with rating 2.5A) to guard against unstable voltage or current.
16. **AC IN**
AC power cord.



CONNECTIONS

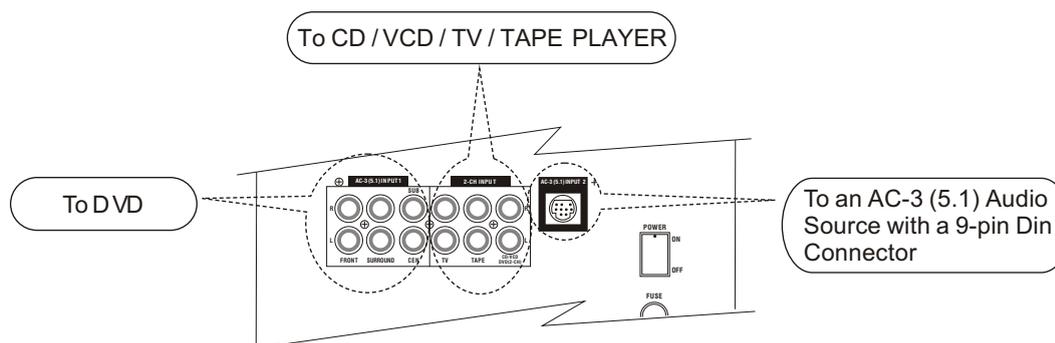
* To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.

<Connections of the Subwoofer, the Center, the Front and the Surround Speakers>



1. Connect the *FR* speaker to the *OUTPUT-FRONT(R)* spring tags of the subwoofer -- the **striped** wire to the **red** positive terminal and the **NON-STRIPED** wire to the **BLACK** negative terminal.
2. Connect the *FL* speaker to the *OUTPUT-FRONT(L)* spring tags of the subwoofer -- the **striped** wire to the **red** positive terminal and the **NON-STRIPED** wire to the **BLACK** negative terminal.
3. Connect the *SR* speaker to the *OUTPUT-SURROUND(R)* spring tags of the subwoofer -- the **striped** wire to the **red** positive terminal and the **NON-STRIPED** wire to the **BLACK** negative terminal.
4. Connect the *SL* speaker to the *OUTPUT-SURROUND(L)* spring tags of the subwoofer -- the **striped** wire to the **red** positive terminal and the **NON-STRIPED** wire to the **BLACK** negative terminal.
5. Connect the *CEN* speaker to the *OUTPUT-CEN* spring tags of the subwoofer -- the **striped** wire to the **red** positive terminal and the **NON-STRIPED** wire to the **BLACK** negative terminal.

<Connections of the subwoofer and the audio source>



The **AC-3 (5.1) INPUT 1** connectors on the subwoofer are used for connecting a 5.1 channel device with separate front, surround, centre and subwoofer outputs such as a DVD player.

The **AC-3 (5.1) INPUT 2** connector on the subwoofer is used for connecting a 5.1 channel device with its output on a 9-pin DIN connector such as a computer soundcard.

The three input connections marked as **2-CH INPUT** are used for connecting up to three 2-channel (stereo) devices, such as a TV, digital set-top box, CD player, radio tuner, tape player or any audio device offering a LINE-OUT audio connection.

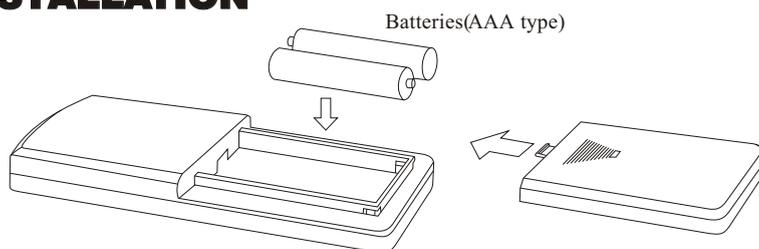
OPERATION

1. Press down the tip of the **POWER** rocker switch with a white "1" on the back of the subwoofer to turn on the system. The system is then set in *STAND-BY* mode and the indicator light on the **MASTER VOL.** knob on the front panel will turn red .
2. Press the **POWER** button on the remote control or the **STAND-BY** button on the front panel of the subwoofer once, and the system will switch to *OPERATING* mode and the indicator light on the **MASTER VOL.** will turn green.
3. Press the **AC-3, TV, TAPE** or the **CD/VCD/DVD(2-CH)** button to choose the right source of audio input mode, and its corresponding indicator light will turn green.
4. Rotate the following knobs on the front panel of the subwoofer clockwise to a suitable listening level:
 - a) **CENTER**
 - b) **WOOFER**
 - c) **SURROUND**
 - d) **MASTER VOL.**

Or, press the **VOLUME UP** and **VOLUME DOWN** buttons on the remote control to adjust the volume level of the system:

- a) press the **VOLUME UP** button, and the **MASTER VOL.** knob on the front panel of the subwoofer will turn clockwise and the volume level of the system will be increased.
 - b) press the **VOLUME DOWN** button, and the **MASTER VOL.** knob on the front panel of the subwoofer will turn counterclockwise and the volume level of the system will be decreased.
5. Press the **MUTE** button on the remote control once to turn off the volume of the system, and the mute indicator light on the front panel of the subwoofer will turn green, To turn on the volume of the system, press the **MUTE** button again and the mute indicator light will turn off.
- * It is recommended that the **POWER** rocker switch on the back of the subwoofer be turned off and that the AC power cord be unplugged from the supply when the system is left unused for a long period of time.

BATTERY INSTALLATION



IMPORTANT NOTES

<AC Power >

- Make sure that the power supply is correct and never handle the power cord or its plug with wet hands when plugging into, or unplugging from, an outlet.
- Ensure that the main power switch is in the "OFF" position before connecting the AC power cord to the power supply to avoid damage to the system.
- A damaged power cord can easily cause an electric shock or fire hazard. Never use a power cord after it has been damaged.

SPECIFICATIONS

| MLi-747H | | |
|---------------------------|------------------------|-----------------------------|
| POWER OUTPUT (RMS) | SUBWOOFER | 60 W |
| | FRONT | 20 W x 2 |
| | CENTRE | 20 W |
| | SURROUND | 20 W x 2 |
| SPEAKER UNIT | SUBWOOFER | WOOFER, 6½", 8 Ω |
| | FRONT | FULL RANGE, 3", 16Ω |
| | | TWEETER, 1" |
| | CENTRE | FULL RANGE, 3", 16Ω |
| | | TWEETER, 1" |
| | SURROUND | FULL RANGE, 3", 8 Ω |
| | | TWEETER, 1" |
| | RATED IMPEDANCE | |
| FREQUENCY RESPONSE | | 20 Hz ~20 KHz |
| S/N RATIO | | >70dB |
| DIMENSIONS | SUBWOOFER | 220(W) x 380(H) x 300(D) mm |
| | FRONT | 90(W) x 1020(H) x 105(D) mm |
| | CENTRE | 280(W) x 90(H) x 105(D) mm |
| | SURROUND | 90(W) x 1020(H) x 105(D) mm |