LFM Series Low Frequency Modules LFM-1 Compact and LFM-2





Version 1.0

Please Read First



CAUTION: To reduce the risk of electric shock, do not remove the cover (or back). No user serviceable parts inside. Refer to qualified personnel.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.



The lightning flash with arrowhead, 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 electrical shock to persons.



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

Precautions

Verify The Line Voltage

Your new Low Frequency Module has been factory configured for 120 volt AC lines. Connecting an LFM to a line voltage other than that for which it is intended can create a safety and fire hazard, and may damage the subwoofer. If you have any questions about the voltage requirements for your specific model, or about the line voltage in your area, contact Outlaw Audio before plugging the unit into a wall outlet.

Verify AC Circuit Capacity

The high power output of your Outlaw LFM may require heavy power draw under full load conditions. To insure proper performance, and to avoid potential safety hazards, we recommend that it be connected to a 20 Amp capacity circuit. Connecting multiple subwoofers to the same circuit, or connecting it to a circuit used by other heavy power devices, such as air conditioners, may cause circuit breakers to trip.

NOTE: It is always a good idea to avoid using any audio or video equipment on the same AC circuit as equipment with motors, such as air conditioners or refrigerators. This will lessen the possibility of power variation and electrical start-up noise affecting your sound system.

Extension Cords and Power Strips

We do not recommend that extension cords be used with this product unless they are of sufficient gauge to pass the necessary current during full load conditions. Most inexpensive extension cords are not capable of such high-current loads.

Similarly, should you use a power strip, surge protector or any type of AC power line conditioning equipment, make certain that it is also able to handle the high current loads this product will produce.

Handle the AC Power Cord Gently

When disconnecting the power cord from an AC outlet, always pull the plug, never pull the cord. If you do not intend to use the amplifier for any considerable length of time, disconnect the plug from the AC outlet. If the power cord is replaced, make certain that it is of similar gauge. As with all electrical devices, do not run power cords under rugs or carpets or place heavy objects on them. Damaged power cords should be replaced immediately with cords meeting factory specifications.

Wiring

Cables that are run inside of walls should have the appropriate markings to indicate complaince with, and listing by the UL, CSA or other standards required by the UL, CSA, NEC or your local building. Questions about cables inside of walls should be referred to a qualified customer installer, or a licensed electrician or low-voltage contractor.

Do Not Open The Cabinet

There are no user serviceable components inside this product. Opening the cabinet may present a shock hazard, and any modification to the product will void your guarantee. If water or any metal object, such as a paper clip, coin or a staple, accidentally falls inside the unit, disconnect it from the AC power source immediately, and contact Outlaw Audio for further instructions.

FCC Information for User

CAUTION: ANY 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 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.

IMPORTANT SAFETY NOTE

Before connecting a new component such as the LFM to your audio or home theater system it is always good practice to make certain that all components are turned off, and preferably unplugged from their AC power source. Many modern electronics products feature automatic turn-on circuits that may be activated during an installation, causing the potential for damage to electronic components and/or speakers. Such damage is not covered by product warranties and Outlaw Audio specifically disclaims responsibility for any such damage.

For Future Reference

Record your Model LFM serial number and date of purchase here. It is found on the back panel.

Model	Numl	эе
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Serial Number

Date of Purchase

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LFM Series Low Frequency Modules

Congratulations on the purchase of an Outlaw Audio LFM Low Frequency Module, you now own one of the finest subwoofers available. The LFM series subwoofers provide deep, tight, bass extension that's powerful enough to meet the most demanding requirements of any movie or musical source. The LFM series subwoofers blend effortlessly with both small satellite speakers and large tower speakers alike. This seamless integration is made possible by a flexible crossover network, which may also be disengaged for use with advanced bass-management systems.

Among the LFM's many features are:

- A down firing design that virtually eliminates audible port noise
- A long throw 10" (LFM-1 Compact) and 8" (LFM-2) driver for deep bass extension
- A powerful BASH" amplifier (LFM-1 Compact: 225-watts and LFM-2: 150-watts) for precise driver control
- Signal Sense for automatic turn on/off
- 180-degree phase control
- Line and speaker level inputs
- Detachable power cord

Unpacking

The carton and packing materials used in shipping your new subwoofer were specially designed to cushion it from the shocks and vibrations of shipping. We strongly suggest that you save the carton and packing materials to use if you move, or if the unit ever needs to be shipped back to us for any reason.

To minimize the size of the carton in storage, you may wish to flatten it by carefully opening the top and bottom flaps and folding the carton. Packing materials that cannot be collapsed should be saved along with the carton in a plastic bag.

Accessories

After unpacking your LFM series subwoofer please confirm that the following accessories have been included.

- AC Power Cord
- 4 Black (Metal) Carpet Spikes
- 4 Black (Metal) Dimpled Discs
- This Owner's Manual

If any of the above is missing from your shipment, please contact Outlaw Audio immediately.

Before You Begin

Before proceeding with the integration of the LFM into your system, please observe the following precautions and suggestions.

- Do not plug the power cord into the LFM until all other connections have been made.
- Always refer to the instructions that came with your receiver or processor for specific procedures, warnings and options.
- Do not attempt to operate the LFM unless the feet have been properly installed.
 This may restrict driver movement and will cause damage to your LFM that is not covered by the warranty.
- When using the subwoofer on surfaces such as wood floors and certain tight weave rugs, be sure to use the supplied dimpled discs to prevent damage to the floor's surface. You are responsible for determining when the use of these discs is required.
- Make sure to insert all plugs and connectors securely. Improper connections can result in noise, poor performance, or damage to the equipment.
- Do not bundle the subwoofer cable or speaker wire with the power cord. This
 may adversely affect the sound quality and introduce unwanted hum into
 your system.

Installing Subwoofer Feet

Proper installation of the supplied feet/carpet spikes is necessary for ALL LFM subwoofer setups. These spikes provide the ground clearance that is required for optimal performance and safety. Failure to use the feet provided will result in damage not covered under the Outlaw Audio Warranty. For your convenience we have provided "dimpled discs" that may be used when the LFM is placed on surfaces other than carpet, such as wood, tile, certain rugs and linoleum surfaces to prevent damage to the floor or floor covering.

To install the spikes, follow these steps:

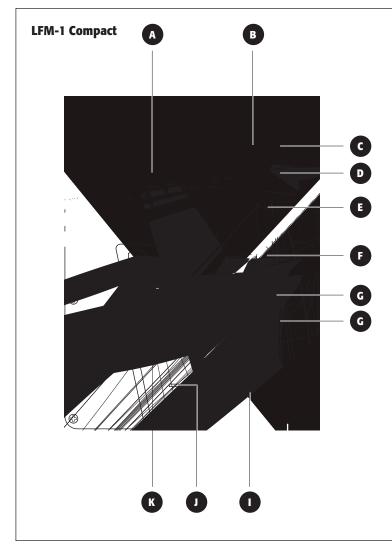
- **1.** Carefully turn the subwoofer upside down.
- Screw a foot/carpet spike into the threaded hole in each corner of the LFM subwoofer.

Tighten the spike by hand until no threads are showing and the base of the foot is flush with the bottom of the cabinet.

NOTE: If the LFM is being placed on a surface that may be damaged by the carpet spikes, place one of the black, dimpled discs that is supplied with the LFM subwoofer on the floor surface in each corner of the location where the LFM will be placed.

3. After all four carpet spikes have been installed, turn the LFM over so that it is upright.

We recommend that this be done by two people due to the weight of the unit, and to make certain that the floor surface is not damaged while the unit is being turned back to the upright positions.



LFM Controls and Connections

A HIGH LEVEL Inputs

When your receiver does not have line level outputs available for a subwoofer connection, connect the speaker outputs of the receiver here.

B POWER INDICATOR Light

This indicator is green when the LFM is on and red when power is applied, but the unit is in the standby mode.

C AUTO Power Switch

Enables the LFM's signal sense mode so that the unit turns on automatically when an audio signal is present.

D PHASE Switch

Switches the phase of the LFM subwoofer with respect to the main speakers.

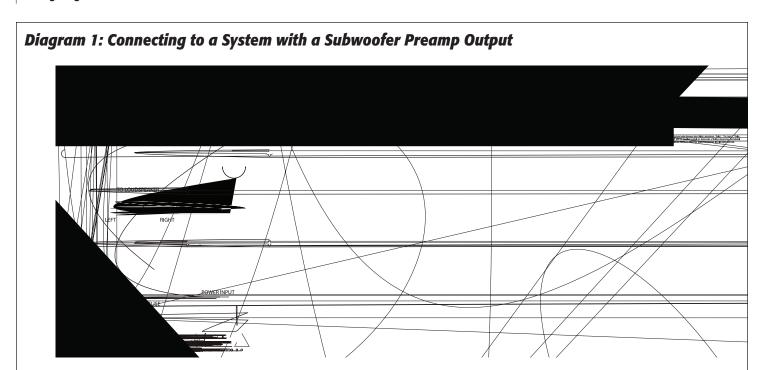
F VOLUME Control

Use this knob to control the output level of the LFM.

F CROSSOVER FREQUENCY Control

Sets the frequency of the built in variable low pass crossover.





- Connect one end of the subwoofer cable to the subwoofer or LFE output on the receiver or processor.
- Locate the connection labeled SUB IN on the rear panel of the subwoofer and connect the other end of the subwoofer cable to that jack.
- Plug the LFM's power cord into the input on the LFM Series Subwoofer and connect the plug to an un-switched AC outlet.

CAUTION: Due to the power requirements of the LFM, it must not be connected to the accessory outlets on a receiver or processor. If a power-strip or surge protector is used, make certain that it is rated to accommodate your LFM's power requirements.

- **6.** Reconnect your processor or receiver to the AC power source.
- Proceed to the "Setting The LFM's Controls" section to learn about the LFM's controls and how they operate.

Connecting to a System with No Preamp Outputs

If no low-level subwoofer output is available, you will need to run speaker wires from your main amplifier or receiver to the subwoofer amplifier. See Diagram 2 on page 6.

To connect an LFM Series Subwoofer using high level inputs:

- Turn off all system components and unplug the receiver and/or amplifier and the LFM from their AC power source.
- Locate the front left/right speaker output terminals on your receiver or amplifier.
 - In cases where there are both "A" and "B" terminals, the "A" terminals should be used. Disconnect any wire that is presently connected to these terminals.
- **3.** Using the same type of speaker wire used for your other speaker connections, connect the left and right channel speaker outputs of your receiver or amplifier to the LFM's High Level Inputs.

Be sure to connect the speaker wires to the appropriate input binding posts located on the back of the LFM, making certain that the polarity (-/+) on the receiver or amplifier matches the polarity on the binding posts of the subwoofer amp. In most cases this means connecting the red terminal on the receiver or amplifier to the red terminal on the LFM, but always check the markings on the rear panel to insure "+ to +" and "- to -" connections. Also, make sure that the negative outputs on your main amp are true ground; otherwise you would short the output of your main amp. Call or email tech support if the negative outputs on your main amplifier do not have true ground.

Connect the speaker wires to the high-level output terminals on the back of the LFM Series Subwoofer.

Make certain that the polarity (—/+) on the subwoofer's high-level output terminals matches the polarity on the binding posts of the speakers. Also, be sure to prevent any positive and negative strands of speaker wire from crossing.

Plug the LFM's power cord into the input on the LFM Series Subwoofer and connect the plug to an un-switched AC outlet.

CAUTION: Due to the power requirements of the LFM Series Subwoofers, they must not be connected to the accessory outlets on a receiver or processor. If a power-strip or surge protector is used, make certain that it is rated to accommodate the LFM's power requirements.

- **6.** Reconnect your receiver and/or amplifier to the AC power source.
- Proceed to the "Setting The LFM's Controls" section to learn about the LFM's controls and how they operate.

Subwoofer Placement

Placement of your LFM series subwoofer is a critical component in maximizing its performance. The subwoofer's specific location in a room influences the its "perceived" frequency response, sound pressure level (SPL), and overall accuracy. Since each listening room differs in virtually every aspect, the ideal location will also vary.

An easy way to find the right spot to place your new LFM Series Subwoofer is to experiment with what we call the "Subwoofer Switch Trick." This process puts the subwoofer where you normally sit and then lets you play the role of the subwoofer.

First, place the subwoofer as close to your favorite listening position as possible. This should be in front of your couch or easy chair, right in the room's "sweet spot." Provided that there is no damage to your furniture, you may even place the subwoofer on the chair or couch, but remember that LFM Series Subwoofers are heavy, and the Outlaws are not responsible for any damage to your furniture or for arguments this might cause with other members of the household!

Second, activate the test tone from your processor or receiver's internal test tone generator, or use your favorite test disc so that pink noise plays through the subwoofer. While the test tone is playing, walk around your room and find the spots where you hear the best bass response. Sometimes this may be in the center of the room, while in other cases you may find the best spot in a corner or along a sidewall.

Finally, turn off the test tone and move the subwoofer to the location where you hear the best bass response. If that location is unacceptable or impractical, repeat the procedure to the spot that is the best compromise between bass performance and aesthetic considerations.

Notes On Subwoofer Placement

Try to avoid creating a listening position that falls directly between the front and back walls. This may cause a strong interference effect due to the collision between bass waves bouncing off the rear wall and new waves emanating from the LFM. When this happens you might hear an unnatural "build up" in the low frequencies where the bass sounds "bloated", based on the specific dimensions of the room and the particular frequency being reproduced.

In other situations you might encounter a "null", which is caused by two low frequency waves canceling each other out. When this happens you will find that your favorite listening position is bass shy. In this type of placement situation, bass response will suffer greatly regardless of how powerful the subwoofer is. The best way to solve this problem is to change the location of the seating position so that the distance to the front of the room is different than that to the back of the room.

Setting the LFM's Controls

Variable Crossover

By adjusting the variable crossover on the LFM, you can perfectly match your LFM Series Subwoofer to your main speakers. If your receiver or processor already has a built in crossover, disable the crossover on the LFM by flipping the "X-OVER" switch to the "BYPASS" position. Refer to the owner's manual for your receiver or processor to see how to disable any internal crossover capability it may have. If your receiver or processor does not have internal crossover control, follow these steps to set LFM's variable crossover:

Determine the +/- 3dB point of your main speakers. This frequency is usually found on the speaker's specifications sheet or may often be available on the speaker manufacturer's web site. Start with the crossover set approximately to this point. By experimenting with the crossover frequency and level control, you can fine-tune the LFM Series Subwoofer so that there is a seamless link between the LFM and the main speakers.

If the actual +/- 3dB point cannot be obtained from the speakers' specifications or the manufacturer's web site, you can use the following chart as a guideline:

40 Hz	Large tower speaker with one 12 or 15-inch woofer or two 10-inch woofers; Small tower speaker with one 10-inch woofer or two 8-inch woofers	
60 Hz	Small tower or large bookshelf speaker with one 8-inch or two 6-inch woofers:	
80 Hz	Bookshelf speaker with one 6-inch or two 5-inch woofers	
100 Hz	Bookshelf speaker with one 5-inch woofer or two 4-inch woofers	
120 Hz	Satellite speaker with one 4-inch woofer or one or two 3.5-inch woofer(s)	

Phase Switch

Depending on the absolute phase of your main speakers and amplifier, as well as the relative distance from the LFM Subwoofer and main speakers to the listening position, the bass in the crossover region may be smoother if you reverse the phase of the LFM. Try both positions of the phase switch to determine which way sounds more bass-heavy. The bass-heavier position is the setting where the output of the LFM and the main speakers are most in phase. Use program materials with bass in the crossover region such as music containing bass drums, double basses, bass guitar, etc. to determine the correct setting.

Volume Level

Using the built-in test tones of your receiver/processor, match the levels of all of your speakers including your LFM Series Subwoofer as described in your receiver or processor's owner's manual. A setting of 5 on the LFM's volume knob should provide enough gain to properly match the sub level to your speakers. We recommend using an SPL meter such as the Radio Shack model (part number 33-2050). When using the test tones, measure from the listening chair and set the meter to the 75 dB level. In order to accurately measure levels between channels use "C" weighting and the "slow" setting.

Note that the Radio Shack meter is down about 12 dB at 16 Hz, 7 dB at 20 Hz, and 4 dB at 25 Hz. Add these numbers to the readout to compensate for these errors if necessary.

S²: The Scattered Subwoofer System (Two LFM's)

Why Two Subwoofers?

In most circumstances two subwoofers will perform better than one. While you might assume this is for added SPL, the greatest benefit will actually be smoother bass response.

Room shape, the cubic volume of the room (width x depth x height), furniture, floor coverings and even wall and ceiling material all play a roll in bass performance. These factors create peaks and dips in the level of low frequencies at different points in the room. That said, two properly positioned subwoofers will distribute the bass throughout the room with greater accuracy than a single sub. For this reason, many professional acousticians and installers recommend more than one subwoofer. The final result is that you will create a much larger "sweet spot" where the bass is powerful but more importantly smooth and consistent. If near perfect bass response is your goal, consider using two LFM Series Subwoofers: The Outlaw Audio Scattered Subwoofer Systems.

What's Needed to Connect Two Subwoofers?

Most of today's digital receivers and preamp/processors provide a single subwoofer output. Connecting two subwoofers to these systems is as simple as adding a Y-adapter. A Y-adapter splits a single output into two separate outputs. Be sure to use a Y-adapter that is of equal or better quality than the subwoofer cables you intend to use. (We recommend the Outlaw Audio PCA Y-Adapter.)

To use the Y-adapter, insert the single male end of the cable to the subwoofer output of your receiver or processor. On the opposite end of the Y-adapter you will now have two separate subwoofer outputs, one for each sub.

Placement and Level Control

Placement and level control of two subwoofers is somewhat more complicated than using a single subwoofer. However, the end result of two properly placed and calibrated subwoofers is well worth the added effort.

The procedure for placement of the second subwoofer is identical to that of determining the placement of the first subwoofer (see the "Subwoofer Placement" section of this manual). However, the second sub should be placed in the seating area outside of the "sweet spot" where good bass response is also required. Walk around the room until you find the area where the bass sounds the best, just as described in the process for locating a single sub. This spot will almost always be different than the one that was best for the primary sub.

NOTE: When calibrating your second subwoofer, be sure to turn off the first sub. This will help you to determine ideal placement without being mislead by the response of the first sub.

When calibrating the final levels of each subwoofer, you may want to reduce their output to compensate for the added 3 or 4 dB of gain created by using two subwoofers together.

If you sense a loss of bass output after properly locating and calibrating both units in a two-subwoofer system, the likely problem is that the two units are out of phase with each other. If this occurs try flipping the phase switch on the back of one or both of the subwoofers until the bass returns. For more information regarding the phase control function, please read the "Setting the LFM's Controls" section of this manual.

Care and Maintenance

Cleaning

When the LFM Series Subwoofer cabinet becomes dirty, wipe it with a clean, soft, dry cloth. If necessary, first wipe the surface with a soft cloth slightly dampened with mild soapy water, then with a fresh cloth dampened with clean water. Wipe dry immediately with a dry cloth.

NEVER use benzene, thinner, alcohol or any other volatile cleaning agent. Do not use abrasive cleaners, as they may damage the finish of the metal parts. Avoid spraying insecticide, waxes, polishing agents, or any aerosol product near the unit.

When You Are Away

If you will not be using your home theater system for an extended period of time, it is always a good idea to turn the unit off using the Master Power Switch on the rear panel of the subwoofer. This will prevent the automatic turn on circuits from accidentally powering the system on during your absence.

Troubleshooting

Your Outlaw Model LFM Series Subwoofer is designed for trouble free operation. If you follow the instructions in this manual you should experience many years of high quality listening enjoyment. However, as with any sophisticated electronic device, there may be occasional problems upon initial installation, or during the life of the unit.

The items on the following list are a brief guide to the minor problems that you may be able to correct yourself. If these solutions do not rectify a problem, or if the problem persists, contact us for assistance.

Outlaw Service Information

If you follow the instructions in this manual you should experience many years of trouble free operation and, of course, high quality listening enjoyment. The Outlaw LFM Series Subwoofers do not contain any user serviceable parts. If you suspect a problem that may require service assistance, call us at 866-688-5292.

It is important that only a service agent authorized by Outlaw Audio carry out any repairs. Keep your sales slip or receipt in a safe place with this manual so that it will be available to verify the purchase date, should you experience a problem covered by our warranty.

Troubleshooting Guide	
Problem	Solutions
Humming or Buzzing Noise	Power down your system and remove the Interconnects between your components. Power your system back on. If the hum goes away when the interconnects are disconnected, the hum is coming from the rest of your equipment. Plug In the Interconnects one at a time for each component until you come across the specific component generating the hum.
No output from the subwoofer (the LED does not light up)	Check that the power cord is plugged in securely at both ends and make sure that the power outlet the subwoofer is plugged into is functioning properly.
	Check the fuse. The fuse is located just above the power plug on the subwoofer. Unplug the power cord and remove the fuse holder with a screwdriver and check the fuse. If the fuse is blown, replace the fuse with a 20 mm 2.5A slow blow fuse (LFM-1 Compact) or 20mm 1.6A slow blow fuse (LFM-2).
	If the fuse blows again, the output transistors are probably damaged. Email or call technical support for further assistance.
The subwoofer is not receiving a signal (Red light does not turn green)	Recheck the connections between the receiver/processor and the subwoofer. On the back of the subwoofer, make sure the power switch is set to "auto" or "on".
No output from the subwoofer (LED lights up red)	Connect the signal cable to another subwoofer or amplifier. If you get output, then the amplifier is faulty. Email or call technical support for authorization to send the amplifier back for service.
No output from the subwoofer (LED turns green)	With the subwoofer power cord removed, disconnect the woofer and make sure that the two speaker wires that come from the subwoofer amplifier are securely connected to the woofer. If they are not, secure them or call/email technical support for assistance.

Model LFM-1 Compact Specifications

Model LFM-2 Specifications

Down Firing, 10" Long-throw Woofer
Dual
225WRMS; 1300W peak
25Hz -180Hz ± 2 dB
Linkwitz-Reilly 4th Order Low Pass Network
40Hz to 180Hz and Bypass
0 to 180 Degrees
112dB
16.75" x 13.0" x 19.0"
55 lbs

Driver Type	Down Firing, 8" Long-throw Woofer
Ports	Single
Amplifier Power Rating	150WRMS; 800W peak
Frequency Response	25Hz -180Hz ± 2 dB
Crossover Type	Linkwitz-Reilly 4th Order Low Pass Network
Crossover Frequency	30Hz to 90Hz and Bypass
Phase	0 to 180 Degrees
SPL (subject to placement and room gain)	110dB
Dimensions (HxWxD)	17" x 11.25" x 16.5"
Weight	37 lbs

The Outlaw Audio 30-Day Satisfaction Guarantee

This product is guaranteed to satisfy all your needs for a high performance subwoofer system. If for any reason, you are not completely satisfied with it, please contact us at 866-OUTLAWS (688-5297) within 30 days of receipt of the unit and you will receive a return authorization.

Please save all of your packing material in that the LFM is heavy and can get damanged in shipping without proper protection. We recommend that you keep the packing (even after 30 days) so that if you ever move, the unit will be adequately protected.

If you decide to return the LFM, the only cost you will be responsible for is the shipping charge to return it to us. When your subwoofer arrives, we will inspect it to insure that it was shipped back to us in original condition. Upon satisfactory inspection, we will issue a full credit for your original purchase price.

Outlaw Audio Limited Warranty

This warranty protects the owner of the Outlaw LFM Series Low Frequency Module (the PRODUCT) for three (3) years from the date of purchase.

This warranty covers all defects in material and workmanship with the following specific exceptions. These are:

- Damage caused by improper installation or adjustment
- Damage caused by accident, unreasonable use or neglect
- Damage from failure to follow instructions contained in this Owner's Manual
- Damage from the performance of repairs by someone not authorized by Outlaw Audio
- Any unit on which the serial number has been defaced, modified, or removed
- Damage occurring during shipment
- Units which have been altered or modified in design, appearance or construction

This warranty covers only the actual defects within the PRODUCT itself. IT DOES NOT cover costs of installation in (or removal from) a fixed installation, or normal set-up, claims based on any misrepresentation by the seller, or performance variations resulting from installation related circumstances such as signal quality, AC power or incompatibilities with speakers and/or other system components.

During the warranty period, Outlaw Audio will, at its option, either repair the defect, or replace the defective product, or the defective parts, or components thereof at no charge to the owner for parts and labor covered by this warranty. If necessary repairs are not covered by this warranty, or if a unit is examined which is not in need of repair, you will be charged for the repairs and/or the examination. If non-warranted repairs are needed, we will notify you of the estimated cost and ask for your authorization to perform said repairs.

You must pay shipping charges incurred in getting your Product to the factory. We will pay the return shipping charges if the repairs are covered by the warranty. Please save the original shipping cartons as the unit MUST be returned in the original carton and packing.

(Replacement cartons are available at a modest charge.)

If your product needs service, please call Outlaw Audio Inc. at 866-OUTLAWS (688-5297) or 866-OUTLAWA (688-5292).

You will need to present the original bill of sale to establish the date of purchase. In the event that the proof of purchase cannot be established with the original receipt, the warranty period shall be determined by the earliest date of manufacture shown on the unit, provided that the serial number label has not been altered in any manner, or by our records relating to that serial number.

In the event that you wish to return your Outlaw LFM back to us, for any reason, please call to arrange for a Return Authorization Number. This will insure that your problem is discussed with a service technician who will determine if there is a quick solution to your problem.

Outlaw Audio shall not be liable for, in any way responsible for, any incidental or consequential damages of any kind. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion of incidental or consequential damages, therefore, the limitations and exclusions stated herein may not apply to you. This warranty gives you specific legal rights; and you may also have other rights which vary from state to state.

THERE ARE NO WARRANTIES GIVEN BY OUTLAW AUDIO WHICH EXTEND BEYOND THE DESCRIPTION GIVEN HEREIN. ANY IMPLIED WARRANTIES OF FITNESS FOR PURPOSE SOLD, MERCHANTIABILITY, DESCRIPTION, QUALITY OR ANY OTHER MATTERS ARE LIMITED TO THE TERMS OF THE EXPRESSED LIMITED WARRANTY STATED HEREIN.

Products are sold on the basis of specifications applicable at the time of sales. Outlaw Audio shall have no obligation to modify products once they have been sold.

This warranty is applicable only in the United States.

For applicability in other countries, please call Outlaw Audio.





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