



MODEL
XA3001

User's guide



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 electric shock to persons.



Caution: To prevent the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.



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.

SAFETY INSTRUCTIONS

CAUTION

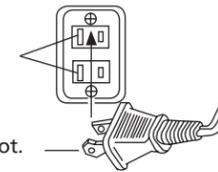
To prevent electric shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Long slot is neutral (ground) side.

Insert the wide blade into the ground side slot.



READ INSTRUCTIONS — All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS — The operating instructions should be retained for future reference.

HEED WARNING — All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS — All operating and use instructions should be followed.

WATER AND MOISTURE — The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

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

LOCATION — The appliance should be installed in a stable location.

VENTILATION — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a closed bookcase or cabinet that may impede the flow of air through the ventilation openings.

HEAT — The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

POWER SOURCES — The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

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. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

GROUNDING OR POLARIZATION — The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.

CLEANING — The appliance should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzene, insecticides or other volatile liquids since they may corrode the cabinet.

NON-USE PERIODS — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

LIGHTNING STORMS - Unplug the appliance during lightning storms.

OBJECT AND LIQUID ENTRY — Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

ACCESSORIES - Only use attachments/accessories specified by the mfg.

DAMAGE REQUIRING SERVICE — The appliance should be serviced by qualified service personnel when:

- The power-supply cord or the plug has been damaged.
- Objects have fallen, or liquid has been spilled into the appliance.
- The appliance has been exposed to rain.
- The appliance does not appear to operate normally or exhibits a marked change in performance.
- The appliance has been dropped or the enclosure damaged.

Servicing — The user should not attempt to service the appliance. Servicing should be referred to qualified service personnel or returned to the dealer or call the Altec Lansing service line for assistance.

ONE YEAR LIMITED WARRANTY

Altec Lansing Technologies, Inc. warrants to the end user that all of its PC audio, TV or gaming speaker systems are free from defects in material and workmanship in the course of normal and reasonable use for a term of one year from the date of purchase.

This warranty is the exclusive and only warranty in effect relative to Altec Lansing PC audio, TV or gaming speaker systems and any other warranties, either expressed or implied, are invalid. Neither Altec Lansing Technologies, Inc. nor any authorized Altec Lansing Technologies, Inc. reseller is responsible for any incidental damages incurred in the use of the speakers. (This limitation of incidental or consequential damage is not applicable where prohibited.)

Altec Lansing Technologies, Inc. obligation under this warranty does not apply to any defect, malfunction or failure as a result of misuse, abuse, improper installation, use with faulty or improper equipment or the use of the computer speaker systems with any equipment for which they were not intended.

The terms of this warranty apply only to PC audio, TV or gaming speaker systems when such speakers are returned to the respective authorized Altec Lansing Technologies, Inc. reseller where they were purchased.

Under the terms of this warranty, the original consumer purchaser has certain legal rights and may have other rights, which vary worldwide.

XA3001 VIDEO GAMING & TV AUDIO SUBWOOFER

WELCOME

Welcome to the extraordinary world of Altec Lansing high-fidelity sound. The Altec Lansing XA3001 system features a specially designed subwoofer to enhance TV audio performance. With 30 watts of total power, it adds deep, rumbling bass to your existing TV speakers for an improved video gaming and home theater experience.

BOX CONTENTS

- Subwoofer
- 3-Meter Stereo Audio + Composite Video RCA Cable, Male to Male
- AC Power Adapter
- Manual
- Quick Connect Card (QCC)

PLACING THE SUBWOOFER

All stereo information is heard through your television's speakers. Because low frequency sound is non-directional, you can place the subwoofer anywhere you choose. However, placing the subwoofer on the floor close to a wall or in a corner provides better bass efficiency and optimum sound.

Warning: The subwoofer is not magnetically shielded. Therefore, it SHOULD always be placed at least 2 feet (0.6m) from TVs, computer monitors, computer hard drives or any other magnetic media (e.g. floppy disks, Zip disks, VHS or cassette tapes, etc.).

MAKING CONNECTIONS

WARNING:

Do not insert the subwoofer's power adapter plug into an AC outlet until all connections are made. Also, turn off your audio source (TV, video gaming system, DVD player or VCR) before connecting its outputs to the XA3001's inputs.

The XA3001 subwoofer works with most televisions. To ensure your success in connecting the system to your TV, we created two proven methods. To choose which method is appropriate for your TV, first determine if you have RCA audio outputs on your television. If so, use the Recommended Connection Method below. If your TV does not have RCA audio outputs, use the Alternative Connection Method.

RECOMMENDED CONNECTION METHOD

The Recommended Connection Method is used to connect the XA3001 subwoofer to the RCA audio outputs on your TV. Once the connection is made, you are able to use your television's controls to adjust the volume on your TV and the subwoofer at the same time. However, this connection method also demands your television meets three requirements:

- Your TV must have RCA audio outputs
- Your TV's speakers are not automatically muted when using the TV's audio outputs
- Your TV's volume controls also control the volume on the TV's audio outputs

Once you have determined that you can use the Recommended Connection Method, follow the connection sequence below to ensure first-time operation as expected.

1. Using the RCA cable supplied with the XA3001 subwoofer, plug one set of red and white RCA connectors into the red (right) and white (left) audio outputs on your TV.

2. Plug the remaining set of red and white RCA connectors on the supplied cable in the red (right) and white (left) inputs on your XA3001 subwoofer.

ALTERNATIVE CONNECTION METHOD

The Alternative Connection Method is designed for televisions that DO NOT have RCA audio outputs. This method connects the XA3001 subwoofer between your audio source (video gaming system, DVD player or VCR) and your TV. When using the alternative connection method, your TV's volume control will not affect the XA3001 subwoofer's volume level. The two systems work independent of one another.

To ensure first-time operation as expected, please carefully follow the connection sequence described below.

1. Using the RCA cable that is attached to the outputs on your video gaming system, DVD player or other audio source, plug the yellow, red and white RCA connectors into the yellow, red (right) and white (left) RCA inputs on the XA3001 subwoofer. The yellow connector carries the video signal. The red connector carries right-channel audio while the white connector carries left-channel audio.
2. Using the RCA cable supplied with the XA3001 subwoofer, plug one set of yellow, red and white RCA connectors into the yellow, red (right) and white (left) RCA outputs on the XA3001.
3. Plug the remaining set of yellow, red and white RCA connectors on the supplied cable into the yellow, red (right) and white (left) inputs on your television (or an RCA to RF converter device, such as a VCR, which may be connected to the RF input found on some TVs).

POWERING ON

NOTE: You must first remove the protective plastic sleeves on both ends of the power adapter before you plug in the system.

1. After all other connections are made, plug the power adapter into the back of the subwoofer and into an AC wall socket.
NOTE: To ensure a secure connection, the power adapter uses a locking connector. To unlock the power adapter, don't simply pull on the cable. Gently pull back the connector sleeve until it releases.
2. Turn on the audio source (TV, video gaming system, DVD player or VCR).
3. Turn on the Altec Lansing XA3001 subwoofer by pushing the power button located on the side of the subwoofer. A green LED next to the power button will illuminate.

Note: To avoid hearing a popping sound when you turn on your Altec Lansing subwoofer, always turn on your audio source first.

CONTROLS

POWER

A power button is located on the side of the XA3001. Switch the power button on only after all connections have been made. A green LED next to the power button will illuminate to indicate that power is on.

BASS LEVEL

The bass level is initially set to mid-level. Increase the bass by turning the knob clockwise and decrease by turning it counter-clockwise. Adjust the bass level to suit your taste.

PHASE SWITCH

The phase switch allows you to maximize your bass level by matching the XA3001's polarity with your TV speaker's polarity. Select the setting that maximizes your bass level by toggling between the XA3001's two polarity settings.

STEREO/MONO SWITCH

Set the stereo/mono switch to match the audio input capability of your television. If your television has both right and left audio inputs, set the stereo/mono switch on the XA3001 to "stereo." If your television has only a single (mono) RCA audio input, set the stereo/mono switch on the XA3001 to "mono."

SYSTEM SPECIFICATIONS

Total System Power:	30 Watts (15 Watts RMS)
Frequency Response:	35 Hz - 150 Hz
Signal to Noise Ratio @ 1 kHz input:	>77 dB
Crossover Frequency:	150 Hz
System THD (distortion):	< 0.2 % @ -10dB full-scale input voltage

SUBWOOFER

Driver:	One 5.25" long-throw woofer
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POWER REQUIREMENTS

USA/Canada/and applicable 120 V AC @ 60 Hz

Latin American countries:

Europe/United Kingdom; 230 V AC @ 50 Hz

applicable Asian countries;

Argentina, Chile and Uruguay:

ETL / cETL / CE / NOM / IRAM Approved

TROUBLESHOOTING TIPS

The answers to most setup and performance questions can be found in the Troubleshooting guide. You can also consult the FAQs in the customer support section of our Web site at www.alteclansing.com. If you still can't find the information you need, please call our customer service team for assistance before returning the speakers to your retailer under their return policy.

Customer service is available 7 days a week for your convenience. Our business hours are:

Monday to Friday: 8:00 a.m. to 12:00 midnight EST

Saturday & Sunday: 9:00 a.m. to 5:00 p.m. EST

1-800-ALTEC-88 (1-800-258-3288)

Email: csupport@alteclansing.com

For the most up-to-date information, be sure to check our Web site at www.alteclansing.com.

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Designed and engineered in the USA and manufactured in our ISO9002 / SA8000 certified factory. United States Patents 4429181 and 4625328 plus other patents pending.

TROUBLESHOOTING TIPS

SYMPTOM	POSSIBLE PROBLEM	SOLUTION
No sound from subwoofer or TV speakers.	Power is not turned on.	Verify that the subwoofer's AC power cord is plugged into both the subwoofer and wall outlet. Verify that the Power button has been pressed and that the power LED is illuminated.
	Bass level is set too low.	Turn the bass level rotary knob to the right to raise the subwoofer volume. Check volume level on the audio source device, and set at mid-level.
	Audio cable isn't connected to audio source.	Connect audio cable from the audio source. Check plug connections on both the subwoofer and source. Make sure these signal cables are inserted firmly into the correct jacks.
	Audio cable is connected to wrong output on audio source.	Check connections to ensure that one cable is connected to the audio outputs on the audio source and the input on the XA3001. Check that the other cable is connected to the outputs on the XA3001 and the audio input on the TV.
	Problem with audio source.	Test the speakers using another audio source.
	Crackling sound from subwoofer or TV speakers.	Bad connection.
Problem with your audio source device.		Unplug the cable from the audio source. Plug it into an alternate audio source, then listen closely to the sound to determine if the crackling sound disappears.
Sound is distorted.	Volume level set too high.	Decrease the volume on your TV, bass level on your XA3001 subwoofer, or volume on your audio source (if possible.)
	Sound source is distorted.	Try a different sound source like a music CD.
Radio interference.	Too close to a radio tower.	Move your speakers to see if the interference goes away. If not, you may be able to purchase a shielded stereo cable from your local electronics shop.
No sound from subwoofer.	Subwoofer volume set too low.	Adjust the bass level on the subwoofer.
	Sound source has little low-frequency content.	Try a game, movie song - anything with more prominent bass tones.
Low hum from subwoofer.	The AC in your house is at 60 cycles per second, which is within the audio frequency of the subwoofer.	Some low hum may be detected when your speaker system is powered on without an audio source playing, or when the volume is set at an extremely low level.
Loud hum from subwoofer.	Bad connection.	If you are using a surge protector with your subwoofer, disconnect and plug the XA3001 power adapter directly into an AC wall outlet. Move your cables. Check to ensure they are making a clear connection.
	Volume on your audio source device set too high.	Disconnect your stereo cable from the audio source. If the loud hum goes away, lower the volume on the audio source.
Not enough bass from subwoofer.	Bass setting is too low.	Adjust the bass level on the subwoofer.
	Bad connection.	Verify that all cables are connected properly and are making a clear connection.
Too much bass from subwoofer.	Bass setting is too high.	Decrease the bass level on the subwoofer.
Distorted monitor/TV.	Subwoofer too close to monitor/TV.	Because the subwoofer IS NOT magnetically shielded, it may cause distortion if it is placed too close to your monitor/TV. Move the subwoofer so it's at least 2 feet from your monitor/TV.



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