Cat. No. 40-1359
OWNER'S MANUAL

Please read before using this equipment.

AMX 2 Amplified Magnetically Shielded Stereo Speaker System

OPTIMUS®

INTRODUCTION

Your Optimus AMX 2 Amplified Magnetically Shielded Stereo Speaker System is specially designed for use with computer multimedia audio systems. You can also connect the AMX 2 to a portable radio, tape or CD player, or a portable TV for amplified stereo sound.

Your AMX 2 includes these features.

2 Watt/Channel Booster — Enhances and amplifies stereo sound from a computer sound board.

Single Set Controls — Makes operation easier by using the same controls for both speakers.

Two Different Operating Modes — Let you operate the speakers with or without amplification.

Dual Power Supply — Lets you power the AMX 2 with either four AA batteries or an optional 6V power adapter (RadioShack Cat. No. 273-1663).

PREPARATION

MOUNTING THE SPEAKERS

You can either mount the speakers on the sides of your computer monitor or place them on a desktop.

Follow these steps to mount the speakers on a monitor.

Notes:

- Do not remove the adhesive coverings on the mounting brackets until Step 4.

- You will need a clean, dry paper towel to mount the speakers on a monitor.

1. Insert the supplied mounting brackets into the slots on the backs of the speakers.

2. Select a mounting location for the speakers on the monitor.

3. Open the supplied alcohol pad and clean the monitor surfaces where the brackets will be mounted. Dry the monitor with a clean, dry paper towel.

4. Remove the adhesive coverings on the mounting brackets. Carefully position the exposed adhesive pads so the brackets mount squarely on the monitor. Push the brackets firmly against the monitor for 10 seconds.

Illustration

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CONNECTING THE SYSTEM

Illustration

1. Plug the wire marked **TO LEFT SPEAKER** from the **R** (right) speaker into the **TO RIGHT SPEAKER** jack on the **L** (left) speaker.

2. Plug the **R** speaker's $^1/_8$-inch cord into your computer's sound board **OUT** jack or the **OUT** jack on another audio source.

SELECTING A POWER SOURCE

You can power the AMX 2 using either four AA alkaline batteries (RadioShack Cat. No. 23-552) or an optional AC adapter (Cat. No. 273-1663).

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To power the system using batteries, open the **R** speaker's back cover and insert the batteries into the compart-

ment as indicated by the polarity markings (+ and −) inside. Replace the cover and set the slide switch on the **R** speaker to the battery symbol.
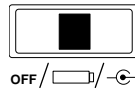
Caution: Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

To power the system using an AC adapter, connect the adapter's 2.1 mm inner diameter/5.5 mm outer diameter plug to the **R** speaker's **6VDC** jack, and plug the adapter into a standard AC outlet. Set the slide switch on the **R** speaker to the adapter symbol.

Caution: You must use an AC adapter that supplies 6 volts and delivers at least 100 milliamps. Its center tip must be set to negative, and its plug must correctly fit the **R** speaker's **6VDC** jack. The recommended adapter meets these specifications. Using an adapter that does not meet these specifications could seriously damage the speakers or the adapter.

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OPERATION

Your AMX 2 speakers have two operational modes: amplified (boost) or unamplified (direct). Use the boost mode with low-powered sound boards and other audio sources that have just enough power to drive a set of headphones or earphones. Use the direct mode when you connect the speakers to an audio source that has sufficient power to drive the speakers without amplification.

If the sound level is too low when using the unamplified mode with your audio source, use the the amplified mode.

USING THE UNAMPLIFIED (DIRECT) MODE

1. Turn your computer board or audio source's volume all the way down.

2. Move the slide switch on the back of the **R** speaker to **OFF**.

3. Turn on your audio source.

4. Adjust the volume on your audio source to a comfortable listening level.

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USING THE AMPLIFIED (BOOST) MODE

1. Turn your computer board or audio source's volume all the way down.

2. Turn the **R** speaker's volume control to its lowest setting.

3. Set the **R** speaker's slide switch to the battery or power adapter symbol, depending on your power source.

4. Turn on your audio source.

5. Adjust the **R** speaker's volume control to a comfortable listening level.

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CARE AND MAINTENANCE

Your AMX 2 Magnetically Shielded Stereo Speaker System is an example of superior design and craftsmanship. The following suggestions will help you care for the system so you can enjoy it for years.

- Handle the speakers gently and carefully. Dropping them can damage them and cause them to work improperly.

- Keep the speakers dry. If they get wet, wipe them dry immediately. Liquids contain minerals that can corrode electronic circuits.

- Wipe the speakers occasionally with a damp cloth to keep them looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the speakers.

- Use only fresh batteries of the recommended size and type. Always remove old or weak batteries. They can leak chemicals that destroy electronic circuits.

Modifying or tampering with the speaker system's internal components can cause a malfunction and might invalidate the warranty. If the speakers are not performing as they should, take them to your local RadioShack store for assistance.
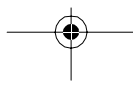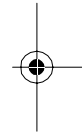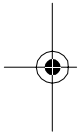
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SPECIFICATIONS

Power Supply .... 6 Volts DC, 100 mA

Boost Audio Power Output .... 2 Watts Per Channel

Frequency Range .... 50-15,000 Hz

Input Impedance .... 8 Ohms Per Speaker

Dimension of Each Speaker .... $5^1/_3 \times 3^1/_3 \times 3^1/_3$ Inches
$(13.5 \times 8.4 \times 8.4$ cm$)$

Weight — Right Speaker .... 1 lb 1 oz (481.95 g)
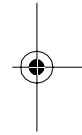
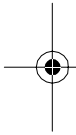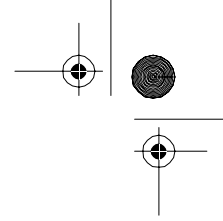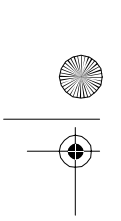Weight — Left Speaker .... 15 oz (425.25 g)

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NOTES

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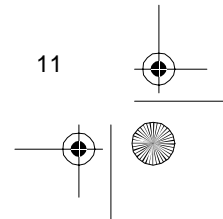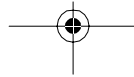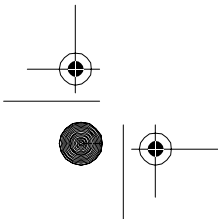
RadioShack Limited Warranty

This product is warranted against defects for 90 days from date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your RadioShack sales slip** as proof of purchase date to any RadioShack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

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