



Cat. No. 40-1403  
**OWNER'S MANUAL**

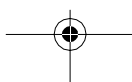
Please read before using this equipment.

# AMX-10

## Stereo Amplified Speakers



**OPTIMUS®**





## INTRODUCTION

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Your Optimus AMX-10 Stereo Amplified Speakers are specially designed for use with computer multimedia systems. The speakers' magnetic shield allows you to place them next to your PC's monitor without causing picture distortion.

The speakers also transform your portable CD player or personal cassette player into a complete music system. The speakers are compatible with any audio source that has a  $\frac{1}{8}$ -inch stereo headphone or line out jack.

Your speakers' features include:

**3 $\frac{1}{2}$ -Inch Full-Range Speakers** — give you excellent, wide-range sound.

**Bass Boost and Treble Controls** — let you adjust the speakers' low and high frequency response to enhance the sound.

## POWER SOURCES

You can power your speakers from internal batteries, standard AC power, or vehicle battery power.

## Using Batteries

You can power the speakers from eight C batteries (four in each speaker). For the best performance, we recommend alkaline batteries, such as RadioShack Cat. No. 23-651.

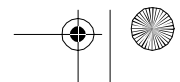
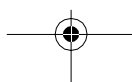
1. Press the tab on each speaker's battery compartment cover, then lift off the cover.
2. Put four batteries into each speaker's compartment, as indicated by the polarity symbols (+ and -) marked inside the compartment.

**Caution:** Use only fresh batteries of the required size and type.

3. Replace the cover.

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### Notes:

- If you will not be using the speakers for a week or more, or if you will be using only AC or vehicle battery power, remove the batteries from each speaker.
- If the speakers' sound weakens or distorts, or the power indicator dims during use, replace all the batteries in both speakers.

**Caution:** Always dispose of old batteries promptly and properly.

### Using AC Power

You can power your speakers from a standard AC outlet using a 12-volt AC adapter (not supplied), such as RadioShack Cat. No. 273-1653.

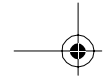
### Cautions:

- The recommended adapter supplies 12 volts DC power and delivers at least 600 milliamps. Its center tip can be set to positive, and its plug properly fits the right speaker's **DC 12V** jack. Using an adapter that does not meet these specifications could damage the speaker or the adapter.
- Always plug the AC adapter into the speaker before you plug it into the AC outlet. Always unplug the AC adapter from the AC outlet before you unplug it from the speaker.

Follow these steps to use AC power.

1. Make sure **POWER OFF/ON** is set to **OFF**.
2. Plug the 5.5 mm outer diameter/ 2.1 inner diameter barrel plug into the AC adapter cord, matching TIP to positive (+).
3. Plug the adapter's barrel plug into the **DC 12V** jack on the rear of the right (R) speaker.
4. Plug the adapter into a standard AC outlet.

**Note:** Connecting an AC adapter automatically disconnects internal batteries.



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## Using Vehicle Battery Power

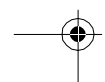
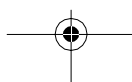
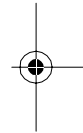
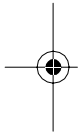
You can power the speakers from your vehicle's cigarette-lighter socket using a DC adapter (not supplied), such as RadioShack Cat. No. 270-1562.

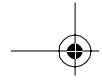
### Cautions:

- The recommended adapter supplies 12 volts DC power and delivers at least 600 milliamps. Its center tip can be set to positive, and its plug properly fits the right speaker's **DC 12V** jack. Using an adapter that does not meet these specifications could damage the speaker or the adapter.
- Always plug the DC adapter into the speaker before you plug it into the cigarette-lighter socket. Always unplug the DC adapter from the cigarette-lighter socket before you unplug it from the speaker.

Follow these steps to use vehicle battery power.

1. Make sure **POWER OFF/ON** is set to **OFF**.
2. Put the 5.5 mm outer diameter/2.1 inner diameter barrel plug into the AC adapter cord, matching **TIP** to positive (+).
3. Set the adapter's voltage switch to 12 volts.
4. Plug the adapter's barrel plug into the **DC 12V** jack on the rear of the right (R) speaker.
5. Plug the other end of the adapter into the vehicle's cigarette-lighter socket.





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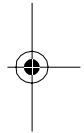
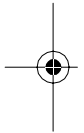
## CONNECTING THE SPEAKERS

You can connect the amplified speakers to the audio source's headphone or line out jack.

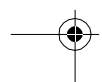
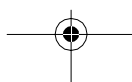
**Caution:** To protect your hearing, set **VOLUME MIN/MAX** to its minimum level.

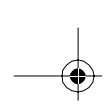
Follow these steps to connect the speakers to your audio source.

1. Make sure **POWER OFF/ON** is set to **OFF**.
2. Set the audio source's power switch to off.
3. Plug the amplified speakers'  $\frac{1}{8}$ -inch plug into the audio source's headphone or line out jack.



**Note:** If the audio source does not have a  $\frac{1}{8}$ -inch jack, you need an adapter plug, such as Cat. No. 274-367.





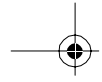
## OPERATION

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Follow these steps to operate the amplified speakers.

1. Set **POWER OFF/ON** to **ON**. The power indicator lights.
2. Turn on the audio source.
3. If you connected the amplified speakers to an audio source's line out jack, adjust **VOLUME MIN/MAX** to a comfortable listening level.
4. Set **BASS BOOST OFF/ON** to **ON** to enhance the low frequency sounds.  
Set **TREBLE OFF/ON** to **ON** to enhance the high frequency sounds.
5. To turn off the speakers, set **POWER OFF/ON** to **OFF**. The power indicator goes off.
6. Turn off the audio source. Then disconnect the audio system from the speakers.

If you connected the amplified speakers to an audio source's headphone jack, set the audio source's volume control to its mid-position, then adjust **VOLUME MIN/MAX** to a comfortable listening level.



## MAINTENANCE

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Your Optimus AMX-10 Stereo Amplified Speakers are an example of superior design and craftsmanship. The following suggestions will help you care for the speakers so you can enjoy them for years.



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



Use and store the speakers only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Keep the speakers away from dust and dirt, which can cause premature wear of parts.

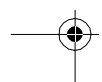
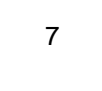
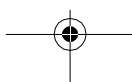
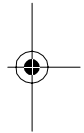
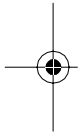


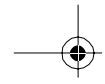
Handle the speakers gently and carefully. Dropping them can damage the circuit boards and can cause the speakers to work improperly.



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

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





## SPECIFICATIONS

Frequency Response .....	150 Hz–20 kHz
Input Sensitivity .....	350 mV
Power Output .....	2 W/CH
Power Requirement .....	12V DC (8 C batteries) (AC adapter, Cat. No. 273-1653) (DC adapter, Cat. No. 270-1562)
Speaker (Diameter) .....	3 <sup>1</sup> / <sub>2</sub> Inches
Dimensions: (HWD) .....	7 <sup>3</sup> / <sub>16</sub> ¥ 4 <sup>1</sup> / <sub>4</sub> ¥ 4 Inches (182 ¥ 107 ¥ 101 mm)
Weight: (Right Speaker) .....	1 lb, 7 oz (0.77 kg)
(Left Speaker) .....	1 lb, 5 oz (0.68 kg)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

### 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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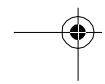
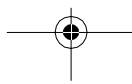
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