

# OPTIMUS®

Cat. No. 40-2086

## XTS 20AV 2-Way Satellite Swivel Speaker System

Your Optimus XTS 20AV 2-Way Satellite Swivel Speaker System delivers big sound from a small package! The innovative dual speaker design lets you swivel the top speaker for a smooth mix of direct and reflected sound.

Your speakers are ideal as part of a home surround-sound system, and are magnetically shielded so you can place them next to your TV or computer display without interference.

### SPEAKER PLACEMENT

For the best sound:

- Place the speakers so the distance between them is about the same as the distance between the listening area and a point halfway between the speakers.
- Avoid floor locations. (Floor coverings can absorb sound.)

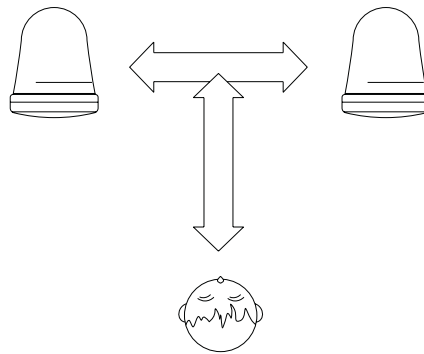
### Flat Surface Mounting

The ideal location is on a table or shelf positioned near the corner of a room. A shelf attached to a wooden wall (or other acoustically hard surface) greatly reinforces the sound.

**Note:** If possible, place the front edge of the speakers flush with the front edge of the shelf.

### Wall Mounting

The mounting holes on the back of the speakers let you mount the speakers on a wall bracket or stand (available at your local RadioShack store).



### CONNECTIONS

Your local RadioShack store has a wide selection of speaker wire. We recommend you use color-coded or marked wire to help you correctly connect the wire. Most color-coded wires have a stripe running down one of the conductors and marked wires have ridges along one of the conductors.

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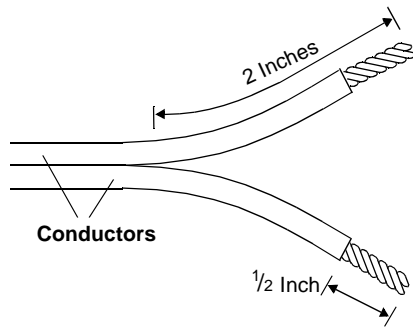
With the speakers placed in the selected locations, route the speaker wire from each speaker to the receiver/amplifier.

Use 18-gauge speaker wire (not supplied) for distances up to 25 feet. For greater distances, use 16-gauge wire (not supplied).

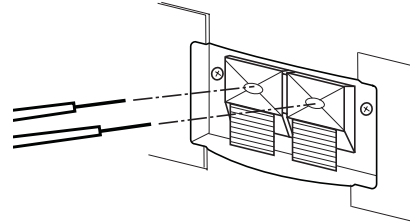
**Note:** For maximum bass response and the best overall performance, connect your speaker so it is in phase (positive to positive, and negative to negative; same color to same color).

Follow these steps to connect the speakers to your receiver/amplifier.

1. Separate the wire's two conductors at both ends for a length of about 2 inches.
2. Strip the insulator from the ends of each conductor to expose 1/2-inch of metal wire and twist the loose strands.



3. Press the right speaker's red (positive) terminal tab and insert one of the wire ends. Then release the tab.



4. Press the right speaker's black (negative) terminal tab and insert one of the wire ends. Then release the tab.
5. Connect the wire from the speaker's red (positive) terminal to the receiver/amplifier's right positive terminal.

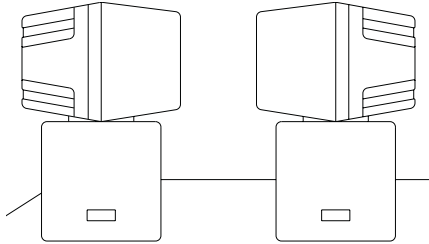
Then connect the wire from the speaker's black (negative) terminal to the receiver/amplifier's right negative terminal.

6. Repeat these steps for the left speaker.

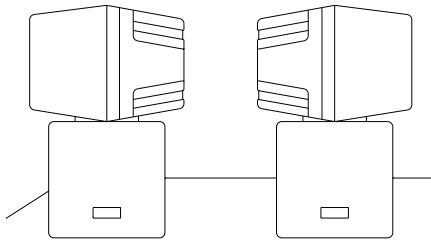
## SWIVELING THE SPEAKERS

**Note:** High frequency sounds are more directional than middle or low frequency sounds.

- For more direct sounds, swivel the top speaker inward so it points directly toward the listening area.



- For reflected sounds, swivel the top speaker outward so it points toward a window or a wall. The sound reflects back to the listening area.



## CARE

To enjoy your speaker system for a long time:

- Keep the speaker system dry. If it gets wet, wipe it dry immediately.
- Use and store the speaker system only in normal temperature environments.
- Handle the speaker system gently and carefully. Don't drop it.
- Keep the speaker system away from dust and dirt.
- Wipe the speaker system with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the speaker system's internal components can cause a malfunction and invalidate its warranty. If your speaker system is not performing as it should, take it to your local RadioShack store for assistance.

**Caution:** Do not clean the speakers with a vacuum cleaner. This might permanently damage them. Clean the speaker grilles with a feather duster or soft cloth.

## SPECIFICATIONS

Frequency Response .....	170-20,000 Hz
Power Handling .....	50 Watts RMS
Maximum Power .....	100 Watts
Impedance .....	8 Ohms
Speaker Complement .....	(Woofer) 3 <sup>1</sup> / <sub>2</sub> -inch Paper Cone (Tweeter) 2 <sup>1</sup> / <sub>4</sub> -inch Paper Cone
Dimensions (HWD) .....	8 <sup>3</sup> / <sub>4</sub> x 4 <sup>3</sup> / <sub>16</sub> x 6 Inches (203 X 102 X 152 mm)
Weight .....	3 lbs., 4.6 oz (1.5 kg)

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

### Limited Five-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for five (5) years from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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