

**Thanks** for choosing the SoundEffects **Movies2** system for your home. SoundEffects products are designed to fit the way you live. Combine them any way you like to achieve the sound effects you envision. This guide will help you get started.

For specific questions not answered here, refer to guides accompanying related SoundEffects products, contact your JBL SoundEffects dealer or call us at 800-336-4JBL.

## First.

Check the contents to see that everything that should be in the box is in the box.

**Two Sat2 speakers** with detachable brackets and removable grille



**One Center speaker** with detachable bracket and removable, invertible grille



**Accessories**

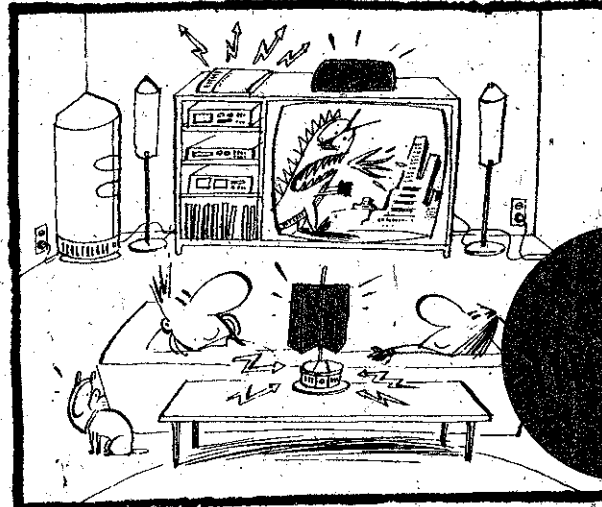
- Nine metal screws
- Nine plastic anchors
- Twelve adhesive-backed rubber feet

**Warranty Terms**

### Special features.

**Identical voicing.**

The Movies2 center and surround channel speakers are identical to the left and right speakers in Music2. Common voicing is ideal in a home theater. When speakers share the same "voice," there is no perceptible hand-off between them when sounds move across the front of the room (from the left, to the center, to the right or vice versa) or when sound effects move from the back of the room to the front.



Two Sat2 speakers and one Center speaker

### Power requirements.

**"Magic" compatible.**

The Sat2s included in this package are intended for use as surround sound speakers for your home theater system. They anticipate use with SoundEffects Magic2, a wireless electronics system with a transportable speaker stand. Besides equipping the surrounds in your Movies2 ensemble for wireless use, the "magic" package also frees your Sat2 system for use as a stereo speaker system anywhere within 120' of your wireless transmitter.

The Sat2 surround and Center speakers require a power source and a signal source. While the Dolby Pro Logic circuitry in your receiver, processor/decoder, TV, or other source will provide the signal, it may or may not provide amplification for the center channel. (Refer to the owner's guide accompanying your power source.) If your source doesn't, you'll need a separate amplifier.

The SoundEffects line includes the Power50 amplifier to power your center channel speaker.

The SoundEffects Director may also be appropriate. It is a surround sound processor with a bridgeable amplifier that can be configured to provide either 25 watts each to the center and surround channels or 50 watts to the center channel.

Amplifier power for the center channel speaker should be matched as closely as possible to the power being provided to the front left and right speakers.

## Next.

Determine where to position the speakers in the room.

While SoundEffects loudspeakers sound good anywhere, the positions suggested here will enhance your listening enjoyment.

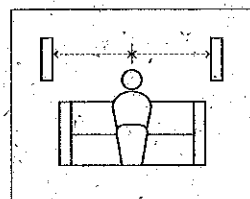
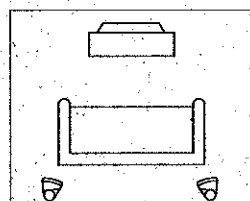
### Sat2 placement and mounting options.

The Sat2s included in this package are intended for use as surround sound speakers for your home theater system.

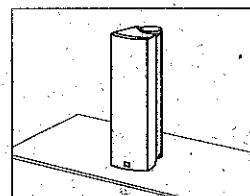
Surround sound speakers are designed to reproduce movie sound effects from behind listeners without "localizing" the sound. Unlike stereo sound, where listeners should perceive each instrument or voice originating from a particular point in the room, listeners in a home theater should not be able to tell where surround sound originates.

There are two ways to position surround speakers to help achieve this effect: Sat2s apart or Sat2s together.

**Sat2s positioned apart.**

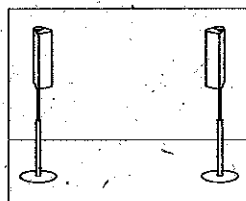


If mounted apart at the rear of the room (on shelves, on the wall or on individual stands), position speakers behind and above your listening position, as far apart as possible, and equidistant from the center of the listening area.

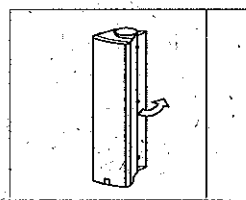


**On shelves.** Vertically or horizontally.

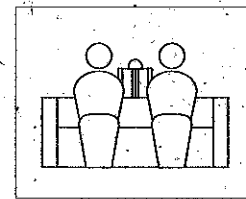
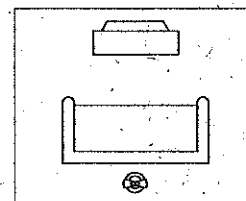
**Sat2s positioned together.**



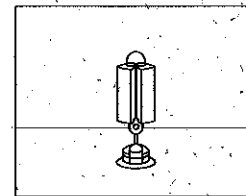
**On stands:** On individual SoundEffects floor stands (available separately).



**On the wall (or ceiling).** Horizontally or vertically, with the accompanying brackets and mounting hardware.

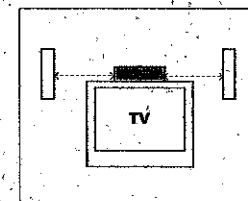


SoundEffects Magic2 wireless audio package includes a transportable stand, called Taxi, that simplifies surround sound installation. When Sat2s are mounted together on Taxi, position them behind the listening area within reach of an electrical outlet.



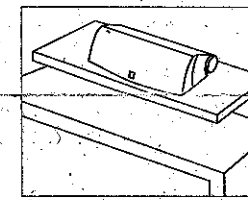
Sat2s are attached back-to-back, on the Taxi stand facing the side walls of the room. The Taxi owner's guide includes complete details for attaching and positioning your Sat2 speakers.

### Center placement and mounting options.

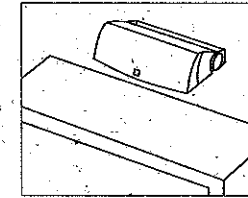


Ideally, the Center speaker should be positioned as close to the TV screen as possible, centered left to right.

**All SoundEffects speakers are video-shielded,** so that they can be placed directly on top of the TV screen without video interference.

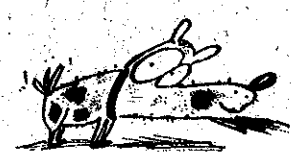


**On the TV cabinet** (or on a shelf directly above the TV screen). Make sure no objects are in front of the speaker that may obstruct the sound.



**On the wall.** Horizontally with the accompanying brackets and mounting hardware.

The Center speaker and its grille are both invertible. Depending upon the size of your TV cabinet or where you will want to mount the speaker, angle the speaker so it directs sound toward your primary listening position, and then orient the grille to match.



# Then.

Connect and install your Movies2 speakers.

Before attaching any wires always make sure that your receiver or other power source is turned off.

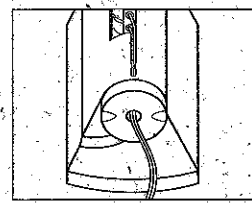
Detailed connection and installation instructions for using the Sat2s with Taxi, the SoundEffects transportable component stand, are provided in the Taxi guide.

## Sat2 and Center connection tips.

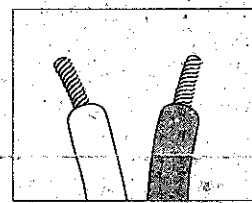
Speaker wire is available from your dealer or most audio, electronics or department stores.

Carefully plan your wire paths. Be sure to allow plenty of extra wire to hide in corners, along baseboards, etc. Wait to conceal wires until after you test the system.

Cut the speaker wire to match your wire paths.



If you plan to mount your Sat2s vertically, thread the speaker wire through the hole on the bottom of the speaker, then feed it through the recessed wire channel.

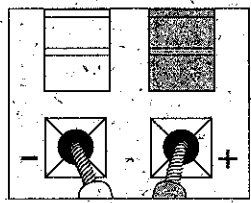


Separate and strip the ends of the speaker wire as shown.

Speakers and electronic terminals have corresponding (+) and (-) terminals. It is important to connect both speakers identically: (+) red speaker to (+) red amplifier and (-) black speaker to (-) black amplifier. Wiring

"out of phase" results in thin sound, weak bass and poor stereo effect.

The two wires in any speaker cable are typically differentiated in one of the following ways; one wire is copper and the other silver, or one has a raised rib or a thin colored line on its insulated cover and the other doesn't. Either wire can attach to (+) or (-) as long as all components are connected identically.

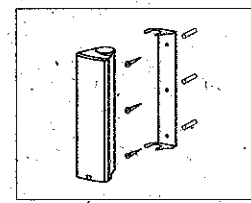


Press down on the terminal button and insert one of the stripped wire ends; then release the button to secure the wire in place.

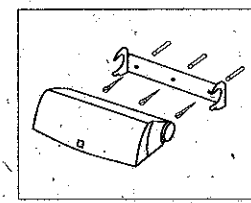
Assure that no strands from either wire cross between terminals and touch the opposite connection. The "short circuit" that results may damage components in your system.

Be careful not to insert the stripped end of the wire too far into the terminal, which may cause you to connect to insulation instead of wire.

## Sat2 and Center installation.

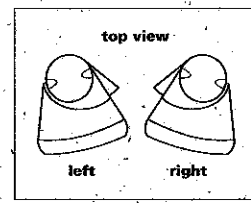


Mounting the Sat2 bracket.

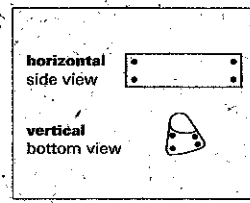


Mounting the Center bracket.

If mounting on the wall or ceiling, use the following instructions to install the brackets as shown.



- 1 Identify left and right speakers. (Recessed bracket moldings on speaker cabinets should face in; semicircular notch on bracket should face out.)
- 2 Loosen knobs and remove bracket.
- 3 Using the bracket as a guide, mark anchor points on the wall. If mounting on wood wall, proceed to step 6.
- 4 Carefully drill 3/16" holes for the plastic anchors.
- 5 Gently tap plastic anchors into holes.
- 6 Pass screws through bracket holes and tighten.
- 7 Return speakers to brackets, angle them toward listeners and tighten knobs.

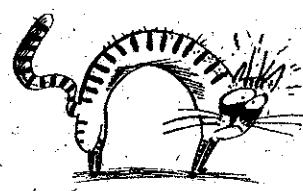


**Positioning rubber feet.**  
If mounting on a shelf or the TV cabinet, attach the adhesive-backed rubber feet as shown.

**Rotating the logo on the grille.**  
Depending on the position of your Sat2 speakers, you may wish to rotate the logo to maintain an upright orientation.

- 1 Remove grille from speaker.
- 2 Press in on pin on back of logo, while rotating face of logo to an upright orientation relative to the intended speaker placement.
- 3 Release pin. Spring-loaded logo will lock in place.
- 4 Replace grille.

**Notice to Purchaser. JBL assumes no responsibility or liability for injuries or property damage—direct, indirect, or consequential—resulting from the improper installation of SoundEffects loudspeakers.**



# Finally.

## Balance your Dolby® Pro Logic Surround Sound system.

Pro Logic-equipped devices (AV Receivers, surround sound processors or decoders, Pro Logic TVs or other sources) include a "test tone" you can use to balance the volume of all the speakers in a surround sound system.

Refer to the instructions accompanying your Pro Logic component for selecting the test tone mode and using it to balance speaker levels in your home theater.

## Troubleshooting.

**No sound at all from any of the speakers.**

- The surround sound source (laserdisc, Hi-Fi VCR) may not be properly connected to the Dolby Pro Logic-equipped component. Check settings.
- You may be listening to a feature that is not Dolby surround sound encoded. Check the recording description.

**No sound comes from the center speaker or no sound comes from the surrounds.**

- One of the connections between the sound source and the receiver/amplifier, or the receiver/amplifier and the speaker terminals is faulty or has become disconnected. Check connections.
- The Center speaker may be receiving an unamplified signal. Check your system configuration to ensure you are connected to an amplified channel.

**Speakers play at low volumes and shut off as volume is increased or sound is intermittent.**

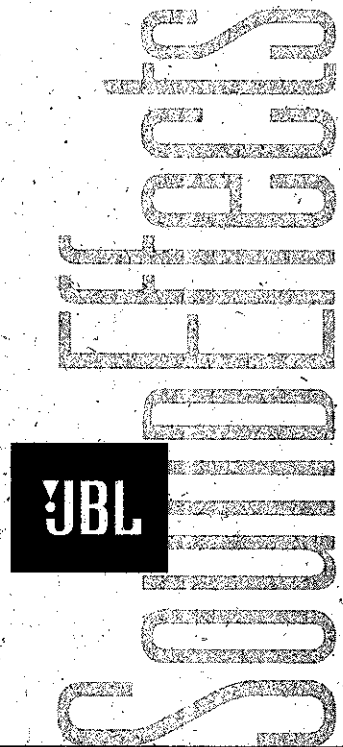
- There may be a short circuit in one of the connections. Check connections.

**No sound from the left surround speaker or no sound from the right surround speaker.**

- Speaker wire to these speakers has become disconnected at the speaker or the receiver/amplifier. Check connections.
- Surround information is not constant in most encoded material, so there may be scenes or passages where no sound is evident from either speaker in the rear, or sound is intermittent.

SoundEffects products were made for each other. No matter what SoundEffects components you start with, it's easy to add complementary products that will increase the performance and value of your home audio system. SoundEffects **Music2, Magic2, Power50** and the **SoundEffects Director** will add even more value to your Movies2 package. For information about these and other SoundEffects products, visit your JBL SoundEffects dealer or call 800-336-4JBL.

For more ideas about uses for these and other SoundEffects products in your home, see the SoundEffects brochure. Need an additional copy? Call JBL.



Sat2 and Center  
**Recommended Power** 10 - 120 watts  
**Impedance** 8 ohms (nominal)  
**Sensitivity** 90 dB @ 1W / 1m (in-room)  
**Frequency Response** 120 Hz - 20 kHz (-3 dB)

Sat2  
**H x W x D**  
**Inches** 14 x 4 3/8 x 6  
**Millimeters** 356 x 111 x 152  
**Weight** 3.5 lbs. / 1.6 kg.

Center  
**H x W x D**  
**Inches** 14 x 4 3/8 x 7 1/4  
**Millimeters** 356 x 111 x 184  
**Weight** 3.5 lbs. / 1.6 kg.

Refinements may be made on occasion to existing products without notice, but will always meet or exceed original specifications unless otherwise stated.

- 3/4" titanium composite dome high frequency drivers
- Adjustable, removable wall brackets
- Video-shielded neodymium magnets
- Diffraction-limiting foam baffles
- Invertible, removable fabric grilles
- Recessed wire channels