

Tomorrow's Technology Today



Low Voltage Electronic Specialist

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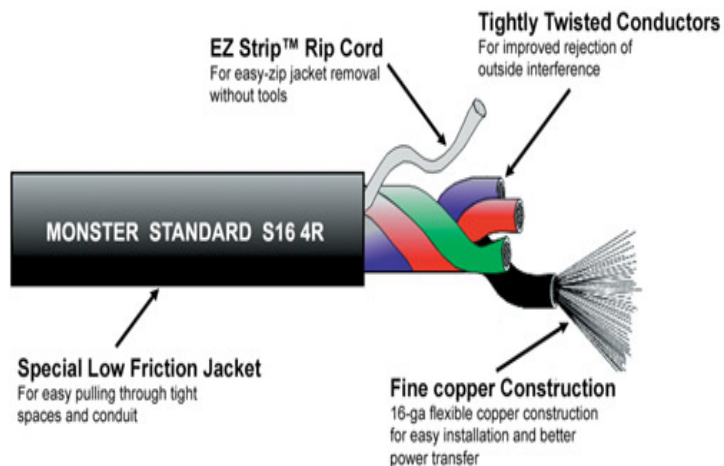
1. Take advantage of the built-in **Table of Contents** by clicking on the **palette icon** (show/hide navigation pane) located just to the right of the printer icon. Or you can go up to **WINDOW...** then select **Show Bookmarks**.
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Home Theater Surround Sound Options

American Industries has several options to make your Home Theater dreams come true. We can do everything from surround sound speaker wiring to installing several complete system options as well. There are no two **Home Theater** installations that are identical. Some homeowners are quite satisfied with a surround sound setup utilizing hidden in-wall speakers. Some people want a complete theater built in their home, which mimics the audio and sound found in their local movie houses.

The equipment and installation will vary depending on the degree of technical capability one requires in their **Home Theater** system. All we want to do here is to show you some options for Home Theater, speakers, speaker cable, and equipment racking.

The first thing you will have to do is to choose the type of speaker cables you want.



Speaker Cable Options

Fully Designed and Approved for In-Wall Use

For most cables, the higher the class number, the better the cable. Most cities in the U.S. require in-wall cable to be Class 2, at minimum, to meet electrical codes. All the cable on this page is fully UL Class 3 rated for maximum protection. If a cable isn't UL rated, it should only be used in outside walls.



Custom, Standard 16-Gauge Surround Sound Speaker Cable

A reasonably priced alternative to Monster® Cable. UL3 rated for in-wall use and packed in EZ pull boxes for easy dispensing. **UL Class Rating:** The higher the class number the better the cable. Most cities in the US require in-wall cable to be Class 2 or higher to meet electrical code. If the cable is not UL rated, the cable should only be used outside walls.

Cable Gauge: The lower the gauge, the thicker the wire.



Monster™ THX Certified 14-Gauge Surround Sound Speaker Cable

THX-Certified for Truly Professional Performance

The two-conductor versions (#8519C and #8525C) have the additional benefit of being THX certified. This extraordinarily hard-to-achieve certification assures that the cables transfer dialogue, music and sound effects exactly as the film's sound editors intended. Cable #8525C is THX-certified for cable runs up to 30 ft. for front speakers and 60 ft. for surrounds. Cable #8519C is THX-certified for cable runs up to 24 ft. for front speakers and 48 ft. for surrounds.

Home Theater Surround Sound Speakers



Home Theater

Home Theater: Whether its all five channels or just a pair for the rear surrounds, AIM in-ceiling speakers are ideal for home theater systems. The challenges of speaker placement are eliminated.



JBL™ HTI In-Ceiling / In-Wall Speakers

To experience true high-performance home theater or whole-house audio, you need speakers that deliver the utmost in power, performance and clarity. And that's exactly what you'll get with the JBL HTI Series In-Wall/In-Ceiling Loudspeakers! Manufactured by JBL, these home speakers are engineered with nearly 75 years of experience in designing professional movie theater audio systems. The result? A "no compromise" design with pure titanium tweeters, aluminum-alloy woofers and sophisticated crossover networks that simply blow freestanding speakers away.



Bose 161™ Articulated Array® Speakers

Bose® 161™ speakers offer outstanding performance in a design that blends into your décor. Their Articulated Array® speaker design reproduces sound over a large area. Bose Stereo Everywhere® speaker performance lets you hear rich stereo sound almost anywhere in the room, instead of one small "sweet spot" as with most conventional speakers. Using two proprietary Twiddler™ drivers in each enclosure, 161 speakers deliver the kind of performance you might expect from much larger speakers. And with their slim, elegant design, 161 speakers can be used as part of a stereo system or surround sound system. They even include customized brackets for easy installation.

Bose 161 speakers are compatible with amplifiers and receivers rated 10 to 100 watts per channel, rated 4 to 8 ohms. Each speaker measures 4 1/8" (H) x 11" (W) x 5" (D). Sold in pairs. Available in black or white.

Home Theater Packages



Bose Lifestyle™ 30 Series Home Theater System

From the moment you turn it on, you'll marvel at the lifelike sound that fills your room. But with the Bose Lifestyle® 30 Series II home theater system, you'll also appreciate what's missing — lots of bulky equipment! This high-performance system offers all the great features found with the Lifestyle® 25 system, but with upgraded Jewel Cube® speakers about the size of a computer mouse!

The delightful paradox of big sound and small size is made possible by Bose advanced technology. Neodymium iron boron magnets provide the energy to deliver high output from very small speakers. An ingenious spiral port delivers sound free of unwanted noise. And the Acoustimass® module completes the effect. It fills your room with deep bass, yet can be hidden completely out of sight.

The Lifestyle® 30 system makes everything you play sound better — from the latest DVD movies, to music CDs, to vintage films. Newly added digital decoding provides 5.1-channel sound. So, just as in a theater, the sound can come at you from five directions, with a separate channel for deep bass. Even better, new Bose Videostage® 5 decoding delivers surround sound that approaches 5.1 in quality from any other source — surround-encoded VHS tapes, stereo compact discs, even older mono TV programs. You simply can't get this type of performance from a conventional system.

The music center houses the smallest **six-disc CD** changer in home audio, an AM/FM stereo tuner, and even allows you to hear two different audio sources in two different rooms simultaneously. Available in black or white.



Onkyo™ DV-S555

Key Features:

- Identified in Home Theater Magazine twice as best home theater amp.
- Plays DVD-Video discs, CDs, audio CD-Rs & CD-RWs, and MP3 CDs
- Aluminum front panel
- 27MHz/10-bit video D/A converter
- 15-disc settings memory
- Optical and coaxial digital outputs for Dolby Digital/DTS/PCM (96kHz/24-bit capable)
- 1 set of A/V outputs (composite video, S-video, and component video)
- Subwoofer output
- Direct Digital Path
- Remote control
- Dual 192kHz/24-bit Burr-Brown audio D/A converters
- Audio signal-to-noise ratio 100 dB
- 17-1/8"W x 3-9/16"H x 13-3/16"D
- Warranty: 1 year manufacturers warranty
- *Designed for use with "Region 1" coded DVDs*

There are more expensive home theater systems than the **Onkyo™ DV-S555**, but they don't have any more or better features and they do not deliver any better performance. It delivers crisp, clean DVD picture quality and excels at music, too. As a CD player, it's a standout. Dual high-resolution Burr-Brown D/A converters (one for each channel) offer excellent detail and dynamics while rejecting image-smearing clock jitter. The DV-S555 also plays audio CD-Rs, CD-RWs, and MP3 CDs — it displays MP3 file names on your TV screen, and you can program a play list of up to 24 songs from the same disc.

To experience the precision and power of digital surround sound just use the DV-S555's optical or digital output to connect to a receiver with built-in Dolby Digital and/or DTS decoding. Onkyo's exclusive Direct Digital Path design provides a shorter, cleaner path for the digital audio signal as it's read off the disc.

Match this superb player with any of the speakers featured in the Surround Sound Speakers section in the Home Theater and you are in business. Let us know your preferences and we will put it together for you.

Rack Em!

One of the problems with audio/Video equipment is the access to that equipment. Here are two options that deal with the issue in a professional manner.



In-Wall Slide and Rotate Rack

Build in-wall A/V systems without equipment access headaches. These Avrak™ by EAS shelving units slide out and rotate to give you full access to the rear of your equipment for setup and maintenance. Supports 210-280 lbs. of equipment weight. Minimum rough opening: 20W x 19.5D. Maximum component clearance: 18.5W



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