

# *Tomorrow's Technology Today*



## *Low Voltage Electronic Specialist*

### TIPS FOR VIEWING THIS PRESENTATION:

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**.
2. After selecting from the menu on the left, click on the palette icon once more and the selected section will open full screen for easy viewing.
3. To go to a website on the Internet from this pdf file, right click on the web or email address, then select **"Open Weblink in Browser"**.



## Home Theater Basics

**In order to experience home theater, you will need the following:**

- **A Dolby surround source:** like a DVD player, satellite TV system, or Hi-Fi VCR
- **A Dolby Digital decoder:** usually built into an A/V receiver. You need decoding to unlock the various **surround sound formats**, like Dolby Digital, Dolby Pro Logic, DTS, etc.
- **A Television & Speakers:** two mains, center channel, two surrounds in the rear and subwoofer.

### **DVD Home Theater Systems**

A **DVD Home Theater System** is a ready-to-go package consisting of everything you need to enjoy home theater — minus the TV. With these systems, you typically get a DVD player/receiver component with built-in Dolby Digital decoding, five voice-matched speakers, and a subwoofer. You just unpack everything, hook it up (speaker cables are included, and are often color-coded for easy connection), and plug in a TV.

Even though DVD home theater systems are all easy to set up and use, there are still some major differences to consider. All the systems we carry do a good job filling small rooms with quality surround sound. But for a medium-size room, you will want to look to the DVD home theater systems with more power, many of which feature higher-performance, two-way satellite speakers. For large rooms, you will need to go the "separate component" route to experience the true impact of surround sound.

You will also have the choice between a single-disc DVD player and a multi-disc carousel changer. A changer may only seem like a minor advantage when you're talking about DVDs, but remember — DVD players also play music CDs, so when you buy a DVD home theater system, you're also getting a fully capable music system. Most DVD home theater systems play audio CD-Rs and CD-RWs, and many even play MP3 discs. Plus, they include an AM/FM tuner so you can enjoy your favorite radio stations, too.

Also keep in mind when you're making a selection that these systems offer inputs for future expansion. If you're planning to hook up a tape deck, VCR, or other components, make sure your system has enough input connections to accommodate your needs.

## Home Theater Audio Systems

Already own a DVD player? Upgrade to thrilling surround sound with a **home theater system**. These systems consist of five voice-matched speakers (left and right front, center, and left and right surround), a powered subwoofer, Dolby® Digital decoding, and all the amplification you need for multi-channel surround sound.

Totally unrelated to how well your system performs, is the cabinetry in which your system will be housed. These are few options:

- You can purchase home theater furniture.
- You can us build something, which is designed for your home theater room.
- In either case you may elect to rack your equipment in one of these racks.

### **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



### **In-Wall Slide Out Rack**

In-wall equipment racks look great but getting to the back of your equipment for service can be a real problem. These slide out racks are the perfect solution to accessibility for in-wall installations. Simply put the service track and stand in place and the entire rack can be slid out of the wall enclosure. These racks are available in any height between 15 and 43 rack spaces (26.25 - 75.25). Each rack is made to order. Allow approx. 5 days for manufacture and an additional week for shipping.

Minimum opening required to install this system is 19.25" wide, 22.5" deep, and 4.5625" plus the number of rack spaces for the height.

Contact Us @



[www.aicorp.net](http://www.aicorp.net)

[sales@aicorp.net](mailto:sales@aicorp.net)

(808) 722-8677