



## Wiring Tips

When you are wiring a new house or remodeling your current one, these tips will help ease the frustration commonly associated with wiring a home.

1) If you are doing other construction on your home, run the low voltage lines after the electrical. It is easier to work after the electricians are gone, and it allows you to run the low voltage lines away from the electrical lines. If for some reason you need to cross an electrical line, make sure it is done at a 90 degree angle to limit the amount of electrical interference. Try not to lay the high and low voltage lines on top of one another. Leave about 4-6 inches between them.

2) Run conduit. You may be thinking that it is overkill; however, it will help you in the long run. There is no need to run conduit all the way back to the enclosure, just run it in the wall from where the wall plate will be to an access point. Most conduit is just run through the sill or top-plate of the wall.

3) Pull cords are your friend. Leave a simple pull line in the conduit or through the holes where you will be pulling your wire. It will save time and hassles when pulling your wire - no more fishing for your lines. If you forgot to use a pull line, have no fear; just use a fish tape to pull the wire through the conduit.

5) When running Cable or SAT line you should run a minimum of two and also a Cat 5 line. Why so many lines? Newer DVR systems (for both cable and SAT) can record two channels at the same time, thus requiring two inputs. Also, most cable and SAT receivers need a phone line to update firmware and keep the channel guides up-to-date, as well as for ordering pay-per-view movies and events. You could consider running a second Cat 5 line for future networking of video equipment.

6) Record the wire runs in your house. Before the drywall goes up take the time to either photograph or videotape the entire house. If you are adding extra low voltage line for the future then you will need to remember where they are located. A simple photo or video can save a lot of time and aggravation when you just can't seem to remember where that line is.