



## Tip #20 Surround Sound — Without Surround Speakers!

Let's be honest: A lot of people out there may have a fancy big-screen TV, they may even have a nice surround-sound receiver, but many of them are not using surround speakers.

You can guess why: it's tough to run the wires for surround speakers unless you're an experienced installer; surround speakers add at least a few hundred bucks (or more) to the total cost of the system; and, in all candor, they wreck the looks of any normal living room—so unless you have a dedicated theater room, surround speakers are usually *verboten*. (See figure 1)

But people want it all, don't they? They want 5-channel surround sound even though they're only running the three front channels.

You want it? You got it! Here's what you do: On your AV receiver's set-up menu, select 'Surround Speakers-No.' (That's logical, right, since you don't have surround speakers!)

Make sure the receiver is in Dolby Digital mode. When you play a DVD, the receiver will decode all 5 channels of information (and the ".1" subwoofer channel), and—here's the great part—**it sends the rear channel surround signals to the front channels**, along with the normal front channel signals.

Got that? The receiver will send five channels' worth of signals to your front LCR speakers.

Now, pay attention! In order for this to work, make certain the receiver is **not** in the "3-ch stereo" mode or the "PL IIx" mode. Neither of those modes will send the rear surround signals to the front speakers.

Here's the benefit of having the rear surround signals sent to the front channel LCR speakers: It adds a very nice degree of spaciousness to the sound, giving you a definite sense of three-dimensionality even though you're only using your front speakers. (See figure 2)

As good as a full 5-speaker setup? No.

Better than no surround signal being reproduced at all? Yes! Much better. Much, *much* better.

And here's another benefit: Let's say you're one of those people who just loves the idea of using our FS-4000 or FS-5000 LCR speakers (See figure 2).

You love them because they're sleek and trim, they fit nicely beneath the TV (either on a shelf or on the wall) without cluttering up your room with a bunch of boxes, and they sound great (gutsy and powerful, unlike most other one-piece "home theater" speakers).

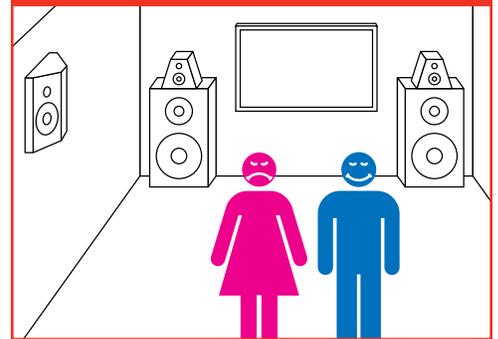
So if you're not using surround speakers, simply choose 'Surround Speakers-No,' from the receiver's menu, make sure the receiver is in Dolby Digital mode, and the FS-4000/5000 will play ALL FIVE CHANNELS of the DVD. All five, from one sleek speaker.

And... even better, you only have to run three sets of wires—NOT FIVE!

This works with any Dolby Digital-equipped receiver. Any. (Dolby told us so.)

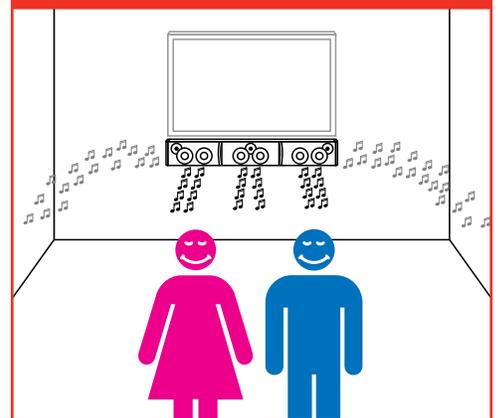
Now you know, too.

Figure 1



Surround speakers sound great, but look lousy in living room. They can also be difficult to install.

Figure 2



Simply set receiver to "Surround Speakers-No," and enjoy **all five** channels of sound from FS-5000. Awesome!

### Other Tech Tips:

Tip 16: Why MDF?

Tip 17: Mix 'n Match

Tip 18: Difference from 8200 to 8200e

Tip 19: What is Clear Filter Technology™?