



## Tip #47 Go Wireless

It's a wireless world. People have come to expect that they can stay totally connected, stay in touch and do practically anything they want without being tethered to a cord.

So doesn't it make sense that if you can use your iPad when sitting in the Monster seats at Fenway Park to check Youkilis' career OBP you should be able to send your receiver's LFE sub output to your subwoofer without having to drape a 25-foot long RCA cable across your living room floor?

We agree. That seems only fair.

Enter the Atlantic Technology WA-50 Wireless Audio System. This amazing little device will transform your entertainment system and free you of the limitations of burdensome signal cables, once and for all.

The System is comprised of two very small units, a Transmitter and Receiver (See Figure 1). The hookup is fast and simple, and pretty much the same in every situation: You simply take the output of your source device and connect that to the input on the WA-50's Transmitter. Then you connect the WA-50's Receiver to the input on the target device (like your powered subwoofer). (See Figure 2)

Now you're set for wireless operation. The WA-50 is refreshingly resistant to interference from microwave ovens, cordless phones and all the other gremlins that have afflicted wireless adapters in the past.

And to get technical for just a brief second, the WA-50 has a great signal-to-noise ratio (> 93 dB) so you don't get the annoying "snap, crackle and pop" background hash that degrades ordinary wireless adapters. Also, the WA-50's latency (signal delay during transmission) is extremely low, so you don't see the explosion on-screen and then hear it a split second later. That's the aggravating price you pay with cheapo wireless devices; not with the WA-50.

The WA-50 is a full-range (20-20 kHz) stereo transmit-receive system. You can use it in many ways. Be creative. Have a laptop computer with lots of archived music files? Wirelessly transmit the sound to your main system in the family room from virtually anywhere in the house. Same with your iPod. (See Figure 3)

Rear channel surround sound? That's a snap—use the WA-50 connected to the "Surround pre-out" jacks of your HT receiver to send the surround signal to a pair of powered speakers at the back of the room—much easier than trying to snake those 30-foot long speaker cables from the main receiver to the back speakers.

You get the idea. Now that we've cut the cord, you can do almost anything you like—in quiet, interference-free, full-range high fidelity sound.

Figure 1 WA-50 Transmitter and Receiver



Figure 2 Simple Connections

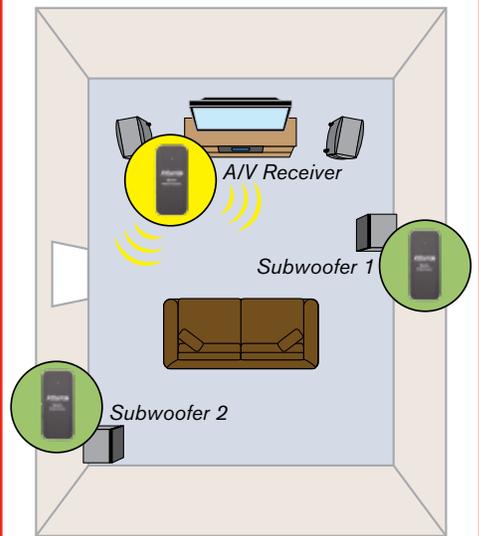


Figure 3 Computer USB Connection



### Other Tech Tips:

Tip 43: How H-PAS works

Tip 44: Power Response

Tip 45: Impedance

Tip 46: Series vs. Parallel Wiring