



Tip #27 IWTS-8 System vs. IWTS-8e System

Atlantic has upgraded and improved their popular in-wall IWTS-8 Subwoofer system. *The new system is easier to install, better-performing, more powerful, and nicer-looking.* Other than that, nothing has changed!

Item by item, here are the changes:

The SA-350/700 amps are replaced by the SA-380

There used to be two different amplifiers, a mono 350-watt version (SA-350) that drove a single 8 Sub wall module, and a two-channel 350-watt x 2 version (SA-700) if you wanted to drive two 8 Sub wall modules.

The older SA-350/700 amps had a built-in single band parametric amplifier for room EQ, selectable crossover frequencies, and an infra-red remote control. These were great features when they were introduced in 2001—there was nothing else like it at the time.

Times have changed, and so have we, for the better.

The new amplifier is the THX Ultra-approved SA-380 mono-block. You simply use as many 380's as you have 8e Sub woofer modules. Use one for one, two for two, etc. Easy.

The new SA-380 is...

- **More powerful** than the SA-350/700. They were 350 watts RMS/channel. The SA-380 is 380 watts RMS.

- **Easier to set up and use.** All the EQ settings and crossovers built into our older amps are no longer necessary. Today's receivers and processors have very sophisticated room set-up, equalization, bass management, and remote control capabilities, so those things are redundant in a modern subwoofer amplifier. The 380 only has the controls you need: a level control (complete with THX-level click stop) and a 2-position phase control. Simple, clean, easy.

- **Smaller.** At just 1U high, it takes up very little rack space

- **Better performing.** In addition to being more powerful, the SA-380 has a refined servo-control distortion-reducing circuit that really keeps things super-clean at high playback levels, and its signal-to-noise ratio is also better than its predecessors'. We've gone from 'A' to 'A+'.

The 8 Sub woofer module is now the 8e Sub woofer module. The IN-BOX-8 back box is now the IN-BOX-8e back box.

The 8e Sub woofer module's baffle is coated with a special new compound called RDT™ (Resonance Dampening Treatment), designed to suppress unwanted baffle resonances and maximize inner bass detail and articulation. The result: Music is taut and precise; special effects are powerful and life-like.

For the IN-BOX-8e, we've painted it a satin black just to make it look nicer before you cover it up in the wall, but more importantly, we've greatly improved and clarified the installation instructions to guarantee that you'll do a perfect job every time.

Figure 1



New SA-380 amplifier is smaller, simpler, and more powerful.

Figure 2



Special Resonance Dampening Treatment (RDT™) keeps bass super-clean

Other Tech Tips:

Tip 23: The Devil's in the Details

Tip 24: How much power do I need?

Tip 25: Do it 'till it Hertz

Tip 26: Creating Good Room Acoustics