

Revolutionary DSP Room Adaptation

IAP Spring 2020 Update (Firmware/Software Version 8.0)

So far, DSP-based room adaptation has been limited to spectral modification. Or, in special cases, advanced room optimizers can reduce effect of earliest reflections, but limited strictly to a small sweet spot.

Illusonic Clarity 3 is an entirely new approach to room adaptation. It reduces reverberance of a room as if more absorbers were installed. Not only in a small sweet spot, but in the whole room. Bass is getting dryer and sound is getting more precise also at high frequencies. This is not only a marketing story. For the technically inclined, we have published an open access research paper on it: <http://www.aes.org/e-lib/browse.cfm?elib=20599>

All IAPs ever sold (since 2012) support this update. That's what we call a time-less high-tech high-end product. Very rare species.

You can download this update free-of-charge on our web site. All IAP settings are maintained. Right away listen with improved quality after update.

Besides revolutionary progress, IAP 8.0 features many other innovations and refinements:

- improved remote-tuning, we can listen to your system realistically with headphones with headtracking
- "talking display" makes IAP friends with blind people
- Immersive greatly improved again
- improved precision on many DSP parameters (delay is now sample accurate, ...)
- iOS remote control app support (via Raspberry PI)
- improved multi-room and multi-zone support
- improved automation over RS232 and network (via Raspberry PI)

More info: www.illusonic.com

About Illusonic

Illusonic GmbH is a Switzerland-based audio research and development company. It has been founded in 2006 by Christof Faller (Fellow of the Audio Engineering Society). Illusonic has been developing and licensing innovative audio technologies. Its technologies power professional digital microphones, 5.1 surround microphones, cinema audio processors, and HD broadcast audio processors. In the consumer domain, Illusonic technologies are used in HD TVs, web and TV cams, telephones, tele/video conferencing systems, and devices for the hearing impaired. Our IAPs enhance high-end audio systems with Illusonic's unique signal processing.