

Zen 10 Stereo AGC

The Zen Level Zen 10 audio level controller by David Reaves Audio and Aqua Broadcast offers advanced, customizable Automatic Gain Control (AGC) for consistent and sonically pleasing audio levels. Developed by David Reaves, whose fascination with AGC began in his youth, the Zen 10 refines AGC principles to create a seamless, unobtrusive audio experience.

The Zen 10 is the ideal solution for precision audio level control in various applications, including:

- Radio broadcast pre-processing
- Audio production
- TV loudness control
- Streaming
- Podcasting

If you're good at creating content that uses audio, you know that the people listening to you are going to want your sound levels to be consistent. The thing that does this for you is an "Automatic Gain Control," or AGC.

What sets the Zen 10 apart is its unique "Zen" approach—knowing when not to adjust audio. If the audio level is already correct, no change is made, preserving the integrity of your sound.

This philosophy helps prepare audio for the next stages of a broadcast chain, making any processor sound better while maintaining consistent, high-quality output.

In a world of multi-platform delivery—streaming, podcasts, network contribution—consistent, great-sounding audio is essential. The Zen 10 excels across all these platforms, ensuring your content always sounds its best.

With support for analog, AES3 digital, and Dante AES-67 digital audio I/O, and monitoring via a front-panel headphone jack, the Zen 10 can be controlled through its front panel or a web interface with dual colour LCD displays.

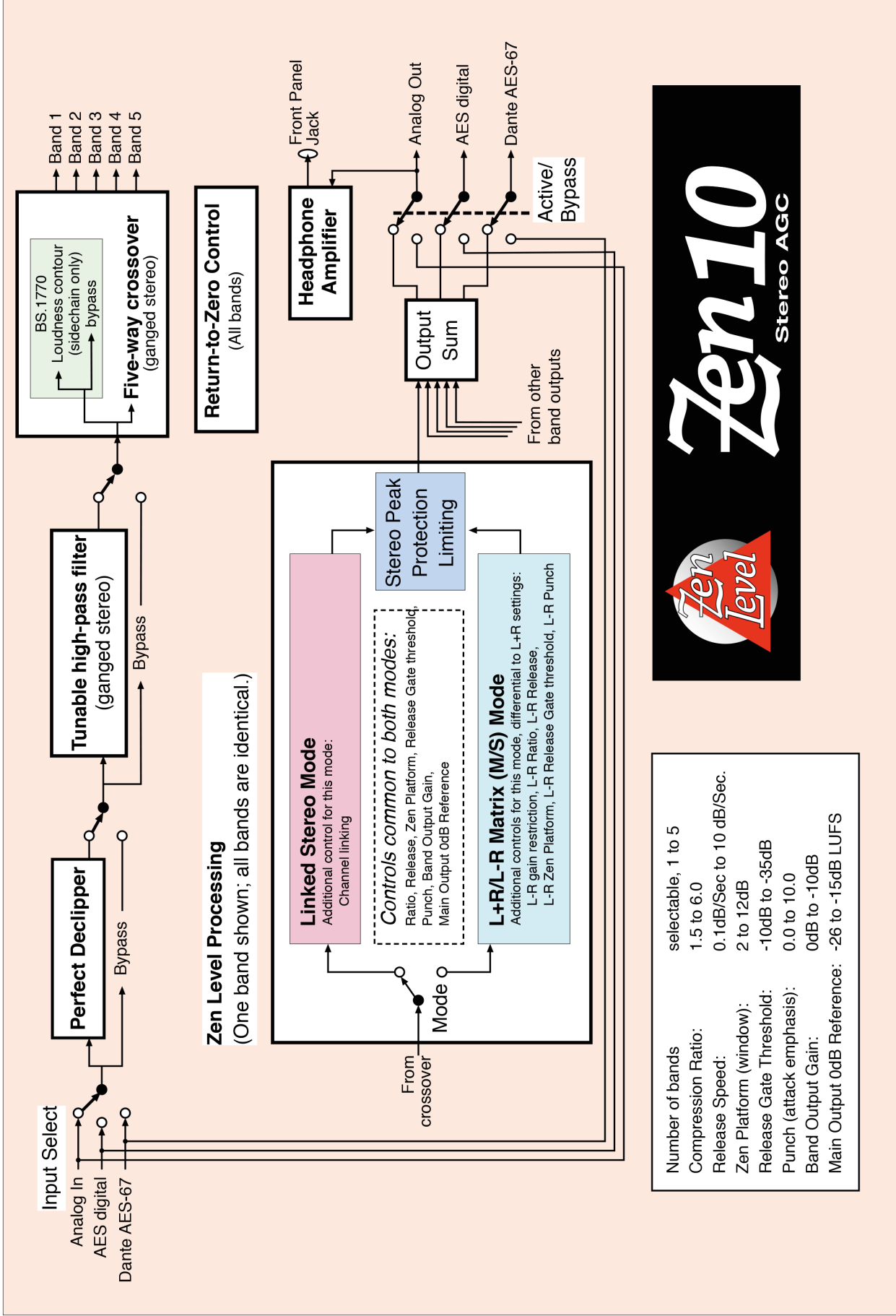
Offering presets for quick setup and customizable settings, the Zen 10 features ten customizable control systems and up to five adjustable frequency bands, providing precise, dynamic control for any audio environment.

Experience the power of Zen Level—elevate your audio while maintaining its natural integrity!

AQUABROADCAST

Aqua Broadcast is well known as a FM transmitter manufacturer, but also offers a comprehensive range of R&D services in both hardware and software design.

Our experience with Broadcast audio has led us to develop unique algorithms for FPGA-based Digital Audio Processing and RF measurement. Our team of highly qualified engineers, ensure the highest levels of innovation, precision, and technical excellence in everything we create. Recent projects we have successfully completed and delivered include SFN (Single Frequency Network), Tunnel re-broadcast and break-in as well as Defence, and Solar FM radio solutions.



Number of bands	selectable, 1 to 5
Compression Ratio:	1.5 to 6.0
Release Speed:	0.1dB/Sec to 10 dB/Sec.
Zen Platform (window):	2 to 12dB
Release Gate Threshold:	-10dB to -35dB
Punch (attack emphasis):	0.0 to 10.0
Band Output Gain:	0dB to -10dB
Main Output 0dB Reference:	-26 to -15dB LUFS

