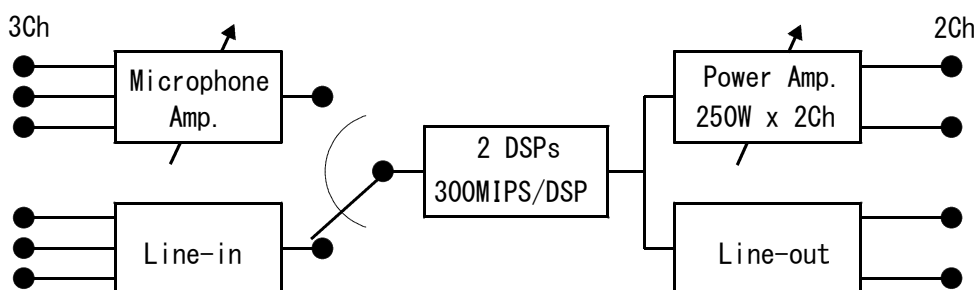
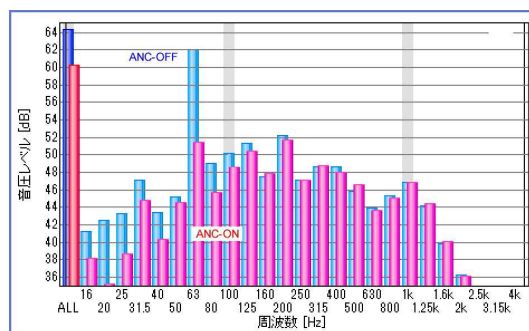


ANC-Duo (Core)

Active Noise Controller "ANC-Duo(Core)" contains a DSP board, power amplifiers and microphone amplifiers in its case, and makes an all-in-one and stand-alone controller, which is lightweight and compact. It has very small system delay and it is designed to apply to 3-dimensional sound field control. Packed in its plastic box, a drip-proof control system can be structured.

| | |
|-----------------|--|
| Name | ANC-Duo(Core) |
| DSP | Motorola DSP56311(300MIPS) × 2pcs |
| Input | Microphone/Line-in x 3Ch, 16bit ADC |
| Output | Speaker / Line-out x 2Ch, 16bit DAC |
| Analog filter | Cut-off frequency: 3KHz (24dB/Oct) |
| Power amplifier | 250W(4 Ohm) x 2Ch(Class-D 5-45KHz) |
| Microphone amp. | 3Ch |
| Software | Feedforward Case(1-2-2) Feedback Case(2-2) BPF for frequency band limitation |
| Sampling freq. | 48KHz,...12KHz, 8KHz,...125Hz |
| System delay | 420usec (sound distance:15cm) at Fs:12KHz |
| Power supply | AC 100~230V |
| Size | 182W x 88H x 140D 1.5Kg |
| Price | ¥550,000-(JPY) |



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