

ADSP²

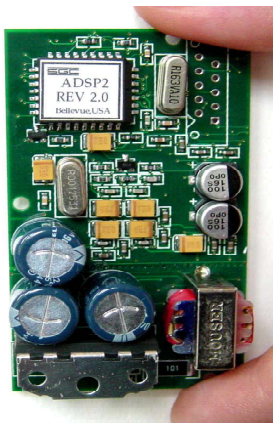
ULTIMATE DSP in a Speaker!

SGC has an affordable solution to NOISE!
The ADSP² Speaker delivers top of the line noise reduction for any transceiver. It works in your shack, in your car, or you can even run it in a portable station. Supply 12 VDC, connect it to your speaker jack, and you have the most advanced noise reduction available!

This is the same noise reduction offered by SGC in the SG-2020 ADSP² transceiver and as the ADSP² board for installation in any transceiver.



ADSP² Speaker
Cat# 70-14



ADSP² Hi Power
Cat# 70-12

Noise reduction is essential on today's crowded, noisy bands. Until now, top-of-the-line performance was only available in equipment costing thousands of dollars. SGC's breakthrough ADSP² technology provides high quality DSP noise reduction at an affordable cost. There is simply nothing that performs better.

The ADSP² Speaker makes operation simple. A single push button on the top of the unit cycles through No Noise Reduction, 13 dB Noise Reduction, and 26 dB Noise Reduction.

Got Noise? Get ADSP²!

SGC

No Compromise Communications

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Noise Reduction so Remarkable, you'll have to hear it to believe it!

ADSP² processes the signal in your passband and removes noise and interfering tones. Depending on the conditions, it can improve signal to noise ratio by as much as 26 dB! As sophisticated as it is, it's also easy to operate. Turn it on and operate. No knobs to twist or adjustments to make. ADSP² adapts to any conditions and provides you with the cleanest signal possible.

Technical Specifications

| | | |
|-----------------------|------------------|--------|
| Specification | | |
| Size | 3" X 5" X 2-1/2" | |
| Weight | 11 oz | |
| Audio Limits | | |
| Min Input | 100 mv RMS | |
| Max Input | 5 volt RMS | |
| Power Output | 5 Watts RMS | |
| Current Consumption | | |
| idle | 110 mA | |
| full out | 500 mA | |
| | X1 | X2 |
| Noise Reduction | 13 dB | 26 dB |
| Time Delay | 6.5 ms | 13 ms |
| Tone Rejection | -50 dB | -65 dB |
| Out of Band Rejection | -45 dB | |



ADSP² Speaker Works with ANY receiver! Adding ADSP² to any receiver or transceiver is easy! Provide power for the speaker, plug it into your speaker jack, and you're live. That's all you need. There are no fancy adjustments and no knobs to tweak. Noise reduction is built into the algorithm in such a way that all you need to do is select whether you want 13 or 26 dB noise reduction. It's THAT simple!

Two levels of noise reduction and up to 26 dB improvement in signal-to-noise ratio! Visit our web site to learn more about it.

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