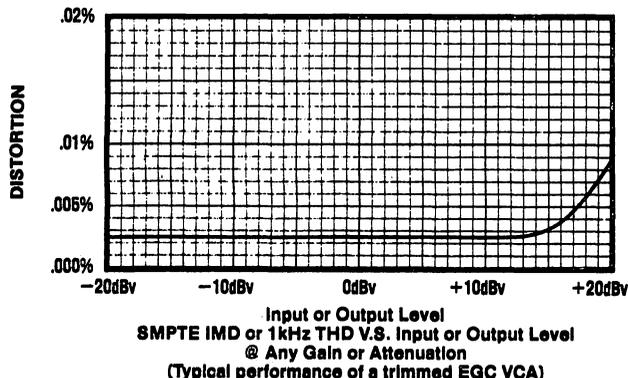
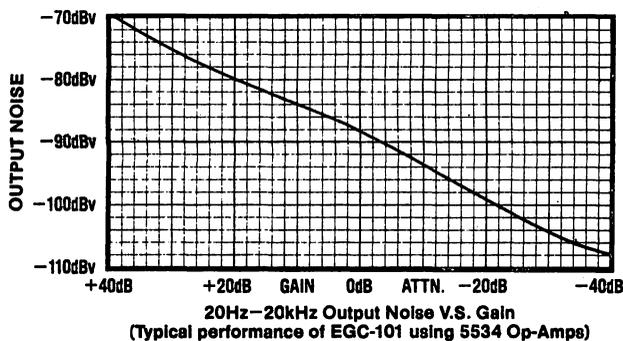
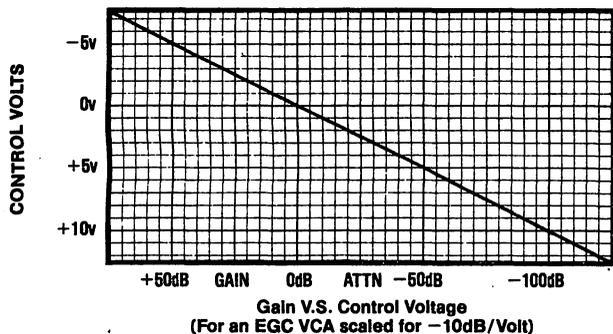


our VCA-5M is very good  
and very expensive

our new EGC is fantastic  
and not very expensive!



The ALLISON EGC is a true VCA, offering a gain control range of from in excess of 100dB attenuation to over 50dB gain. The control law is precisely logarithmic (dB vs Volts) over this range.

The EGC is an advanced electronic gain control circuit which utilizes Class A Log/Antilog techniques, in a complementarily balanced and symmetrically cross balanced format, employing proprietary bias ratioing and noise reducing elements.\*

The results, if you'll pardon our bragging, are sensational.

Distortion characteristics approach the limits of measurability, are not susceptible to thermal variations, and essentially independent of the gain or attenuation of the device. The sensitive "symmetry control" is gone, as is any trace of modulation noise or cross-over distortion.

Quiescent noise levels are very low, particularly at the gain extremes, where they approach the theoretical limits of the input and output resistors. EGC exhibits extremely high slew rates and bandwidths, together with good control rejection.

In short, EGC offers no excuses — just transparent audio.

#### PACKAGING

The basic EGC-101 is an 8 pin miniature package which conveniently plugs into a standard 18 pin DIP socket. It is user definable, and may be configured to fit a variety of use and performance criteria. External circuitry is simple and well documented.

Other versions of EGC are available as complete VCAs to replace devices of other manufacture, as well as for retrofit into popular consoles.

#### AVAILABILITY

EGC is available now. How many would you like, and when would you like them? (Since we are just now gearing up for high volume production, orders for more than 10,000 units may take several weeks.)



**allison research, inc.**  
2817 ERICA PL, P.O. BOX 40288  
NASHVILLE, TENNESSEE 37204

\*Patent #3,714,462 and other patents under preparation.



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PRELIMINARY DATA AND PRICING

EGC-101  
EGC-202  
EGC-205M  
EGC-2500

VOLTAGE CONTROLLED AMPLIFIERS

EGC-101

The basic EGC electronic gain control cell, intended primarily for OEM manufacturers. Requires a minimum of external circuitry (one dual op-amp, resistors and capacitors) for precision VCA implementation. The parameters are user definable in various configurations, assuring the user of optimum performance and cost effectiveness, for his need.

Qty	Unit price
1-9 -----	\$16.84
10-29 -----	14.77
30-99 -----	12.95
100-299 ----	11.37
300-999 ----	9.97
1K-2999 ----	8.75
3K-9999 ----	7.67
10K-30K ----	6.78
30K-UP ----	5.90

EGC-202  
EGC-205M  
EGC-2500

Complete VCAs, utilizing the EGC-101 cell, and factory trimmed for optimum performance.

The EGC-202 is a physical replacement for the dBX #202 VCA.

The EGC-205M is a physical and electrical replacement for the Allison VCA-5M.

The EGC-2500 is a physical and electrical replacement for the VCA sub-assembly in MCI 500 Series consoles.

Qty	EGC-202	EGC-205M	EGC-2500
1-9 ----	\$37	\$45	\$65
10-29 --	32	39	56
30-99 --	29	34	50
100-299	25	30	43