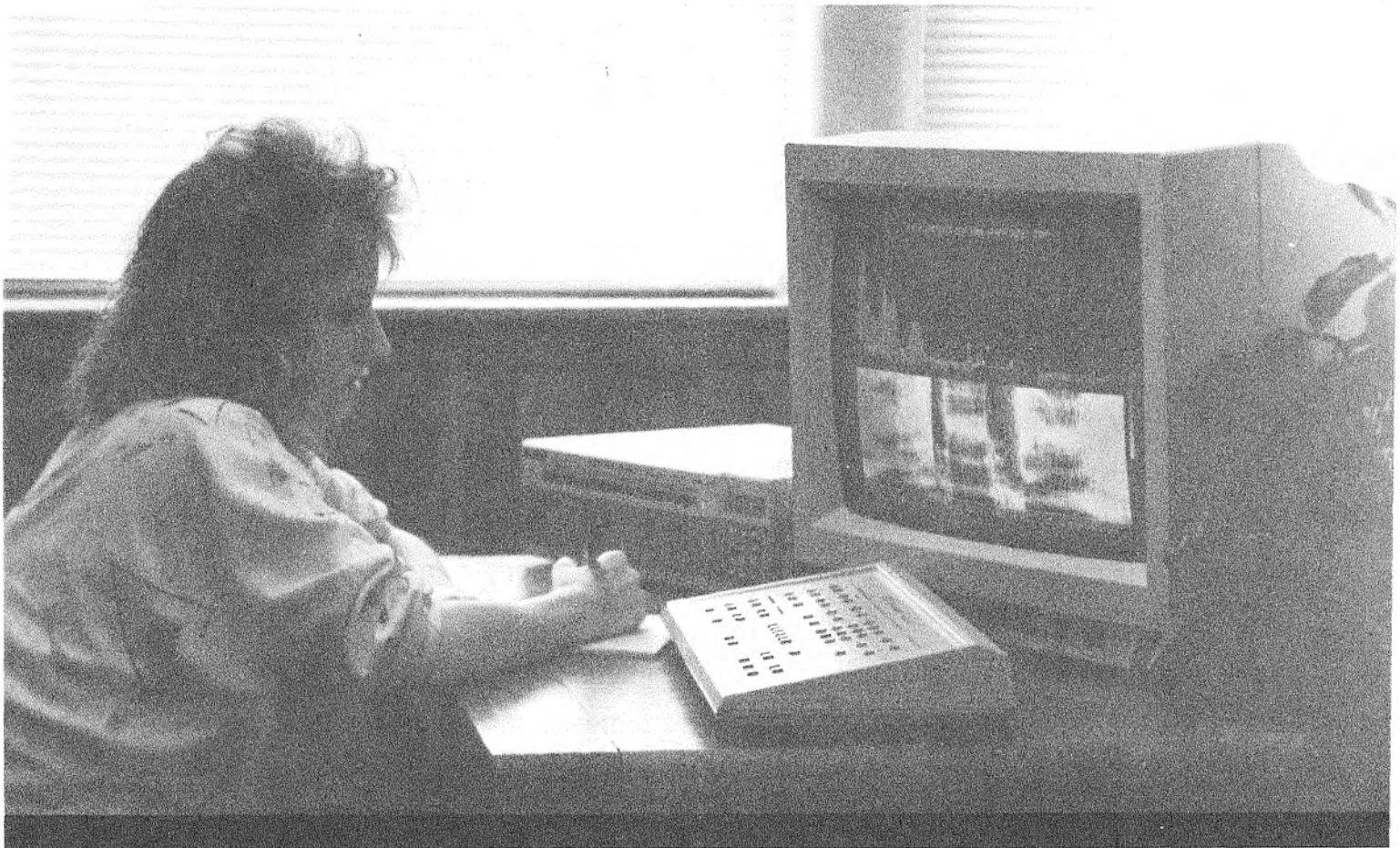


## EDITORIAL

L'équipe de rédaction de l'Acoustique canadienne est heureuse de présenter un article de recherche dans le domaine de la psycho-acoustique appliquée à la musique. Il s'agit d'un domaine encore faiblement représenté dans les rangs de l'Association et nous espérons ainsi susciter l'intérêt des chercheurs et professionnels concernés. Par ailleurs, ce numéro est un témoin particulièrement convaincant de la vitalité de notre Association. Le recrutement de nouveaux membres, les activités d'un nouveau chapitre local et le programme détaillé du symposium dans le cadre de la Semaine de l'acoustique, sont très éloquents à cet égard. A propos du symposium, soulignons la contribution très variée de diverses disciplines et de plusieurs champs d'intérêt associés à l'acoustique. Il ne faut donc pas manquer le rendez-vous de la Semaine de l'acoustique à Toronto.

The editors of Canadian Acoustics are pleased to publish a paper in the field of psycho-acoustics and music. This area is still poorly represented within the Association and we hope to raise more interest in our journal among the professionals and researchers in this field. In other respects, the present issue is a convincing illustration of the vitality of our Association. Recruitment of new members, the meeting of a new local chapter and the program of the symposium of the Acoustics Week speak for themselves. Regarding the symposium, it is worth emphasizing the highly varied contributions in various disciplines and fields of interest related to acoustics. One should not miss the meeting of the Acoustics Week in Toronto.



# See the difference.

## *Introducing an exciting new idea in speech analysis*

The new Kay DSP Sona-Graph™, model 5500 adds new dimensions in speech analysis by providing real-time processing, a video display and more than 200 different analysis/display formats.

This workstation produces spectrographic, waveform, amplitude and other analysis displays clearly and in real-time. You see it while you say it. The DSP Sona-Graph can simultaneously analyze two signals in real-time and in a split screen mode. Two channel analysis is required when speech is studied in conjunction with electroglottography, airflow or other signals of interest. It is 15 times faster than a midrange VAX™, 40 times faster than a Mac II® and about 200 times faster than an IBM®PC AT.

The DSP Sona-Graph has a high resolution graphics display system which provides a crisp flicker-free scrolling real-time display of any analysis being performed. The display can be in vivid colors or in grey scale. For ease of operation, all menus and control functions are accessed

with pull-down menus. The user can also store frequently used analysis settings for quick recall.

### **Features**

- ✓ **Real-time operation**
- ✓ **User-friendly**
- ✓ **Full grey scale continuous prints**
- ✓ **Color & grey scale display**
- ✓ **Dual channel for easy comparison of signals**
- ✓ **Scrolling to review stored signals**
- ✓ **High speed computer interface**

*For more information on this exciting new product please call Robert McClurkin, Product Specialist at (201) 227-2000, extension 110 or write to the address listed below.*

Kay Eleometrics Corp.  
12 Maple Avenue  
Pine Brook, NJ 07058  
Tel: (201) 227-2000  
TWX: 710-734-4347  
FAX: (201) 227-7760

# KAY