SID Trio publishes hardware & software specs for Macintosh sound input device
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For the first time on Macintosh the recording of continuous live sound possible

MOUNTAIN VIEW, Calif., Dec. 18—In a highly unorthodox move, the SID Trio announced today, they will publish royalty free, the schematic, source code, and the complete documentation necessary to build SID™, (a Macintosh sound input device), for resale or personal use.

"Our goal was to insure that more Macintosh applications supported sound and voice input. We felt that the way to guarantee this was to greatly increase the installed base of sound input devices. By publishing the plans, our design can be manufactured and sold profitably with a suggested retail price of below $100.00. The lower the cost, the more players in the market, the more likely the installed base will grow", stated Eric C. Gould, President, IDEAtion Strategies and SID Trio Project Leader.

When added to any Macintosh application the SID source code enables for the first time the recording and playing of live continuous sound. Macintosh sounds are now no longer limited to small segments but can be as large as disk storage provides. The SID source code requires only 50K of memory and is compatible with current commercial devices.

Additionally, the SID source code records in a format that is compatible with Apple's sound playback toolbox calls, StartSound and SndDoCommand, and is compatible with Apple's MACE (Macintosh Audio Compression and Expansion) compression routines. Recording rates of 22K, 11K, 7.3K and 5.5K are supported on all Macintoshes 512ke and above. The source code was designed by Jeffrey Siegel, President, Evergreen Technologies and SID Trio member.

The SID hardware requires no battery or external power supply. Instead SID draws its power directly from the Macintosh serial port. For clean sound quality SID use a five pole filter design. The complete hardware device can be constructed in single quantities for under $19.00 with all parts commonly available from Radio Shack and DigiKey. The hardware documentation includes: chip names and numbers, purchase locations, theory of operation and debugging tools. The hardware was engineered by Dave Fleck, the third SID Trio member.

The SID specifications will be distributed on major electronic bulletin boards and to user groups starting January 9, 1990.

Contact Eric Gould via MCI and MacNet—EGould. Jeffrey Siegel can reached via MCI—Evergreen Technologies.

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