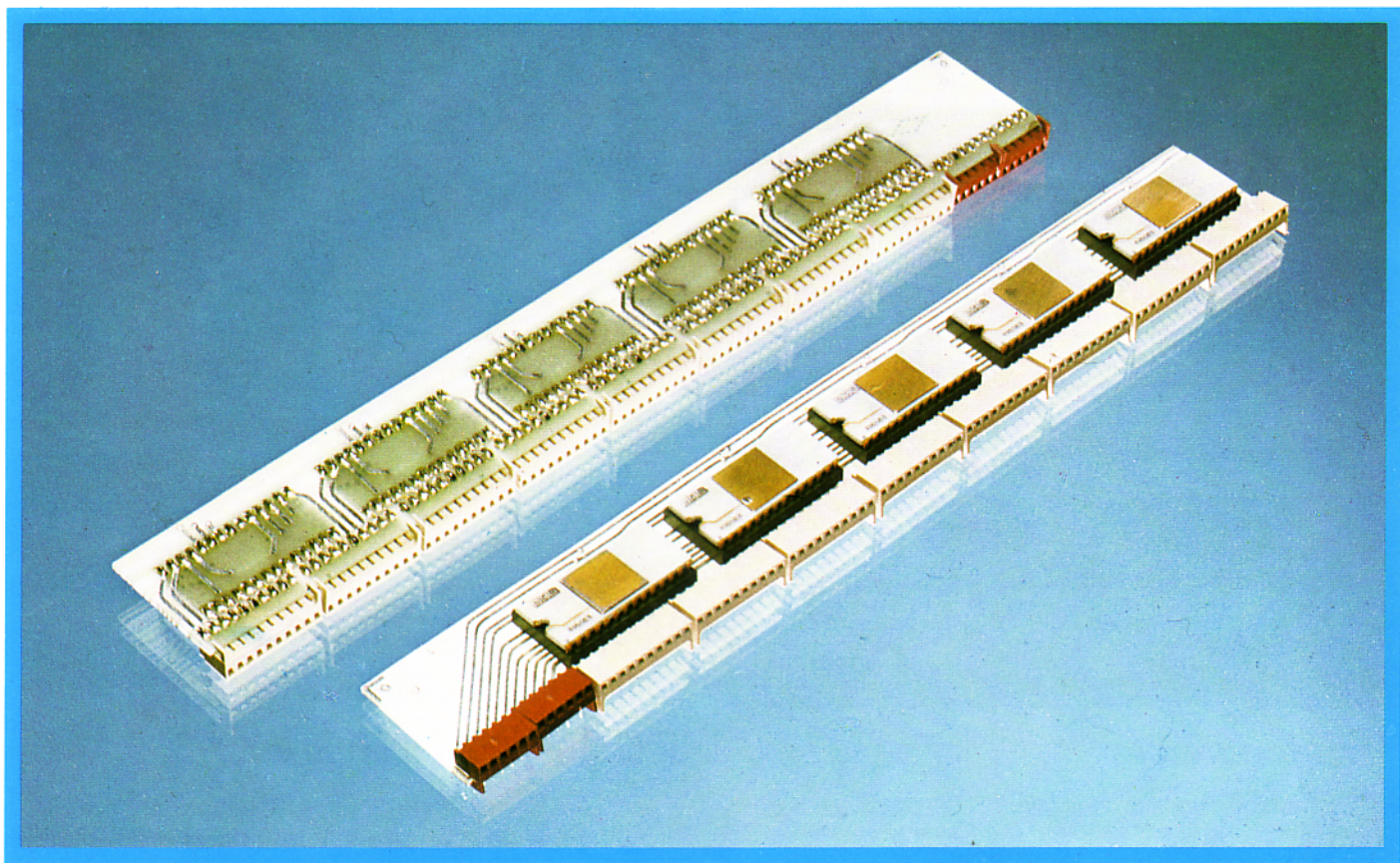


New!

Programmable Drawbars

New!

A complete registration library on a plug-in-board



*The electronic memory of the SOUND COMPUTER
on plated-through plug-in boards.*

Using the example of the HELIOS organ model, the scope of the WERSIDATA Sound Computer shall be illustrated. There are a total of 32 program slots for the upper manual and an equal number for the combination lower manual/pedals.

16 of these slots in both banks are used for the so-called individual programs, that is, each manual can be programmed, erased or played under manual control independent of the other.

The remaining 16 slots in each bank are reserved for so-called master programs. A single master program button controls the registration of the entire organ. Additional memory boards can be plugged into the Sound Computer for the doubling of the number of programs. This enlarges the system into 32 programs for the upper manual, 32 programs for the lower manual and pedals and 32 master programs. Quite often, the second set of memory boards are used as a "scratch pad". One keeps the first set as a "permanent record" for the tested and proven programs while the second set contains the experimental setups which are not yet time-tested.

The Sound Computer does not interfere with the setting of analog values. That means that volume controls certain speed and wah wah controls as well as the drawbars are to be adjusted manually. However, there is an add-on kit available which contains 6 pre-set-drawbar combinations. 5 of these are fixed by means of resistor values and one is adjustable by trimpots. There is a pre-set plug-in board for each set of drawbars, namely for upper manual, lower manual and special effects respectively.

These drawbar pre-sets can be included into the Sound Computer control making complete drawbar registrations available as if they were a single organ stop. Owners of the diode-programmed WERSIDATA may order the Sound Computer to update their organ with the latest achievements. Some modifications of the mechanical and electrical assembly are required. The construction and installation of the Sound Computer is easy and straight forward. The memory boards come pre-assembled and tested. The wiring is accomplished by means of a pre-fabricated harness.