DAK Displays "Unable to Communicate"
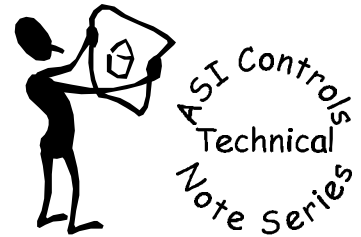
Effects: DAK-002 and ASIC/2 Controller
Date: June 30, 1998

It has been observed that an ASIC/2-7040-C connected to a DAK-002 can produce unfavorable operation. Generally, the application appears to be setup correctly but the DAK will display "Unable to Communicate". To add to the frustration, the time and date will display and the Rx and Tx lights on the DAK show "good" communication.

The problem is in the Display List index. The SETSYS Display List script displays one parameter for the first attribute attr-5. This is the Display List enable. The rest of the attribute MUST be zero. However, the rest of the attribute is hidden from view and cannot be modified.

The solution is to use F6 Modify Object from the Main Controller page in SETSYS. From here select the Display List object and then the appropriate index (you will have to do this for each effected Display List index) and set Attr-5 to 1.

The problem occurs when a user allocates additional objects below the Display List Object (which is usual). The additional allocation moves the Display List objects into unused memory that is set to all 1's or FFFFh for a word attribute. When the program is keyed in, the hidden attributes of ATTR-5 stay at one.

This will be fixed in future releases of ASIC/2 EPROM.