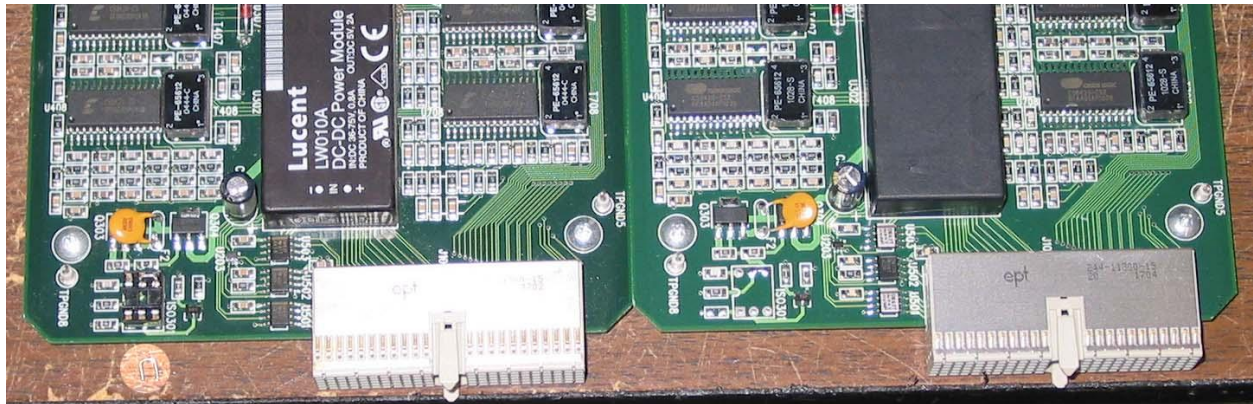


POWER INPUT SWITCH BYPASS FOR SAS 32KD INPUT MODULES

Older SAS 32KD Audio Input Modules may have a power input switch which is controlled by the on-board administrative microprocessor (typically 2005 and earlier). It was found that this switch was unreliable and unnecessary, so SAS, through Engineering Change Order, bypassed this switch on all production after about 2005. When upgrading these modules they require removal of a 6 pin opto-isolator and installation of a jumper, either by insertion into socket (upgrade) or direct solder (current production – no socket installed). See attached photo which shows an old module (left) and a new production module (right). The jumper is clearly visible on both modules and an uninstalled jumper is shown by highlight below the older production module.

SAS can provide the required jumpers. Contact SAS with the required quantity and we will ship jumpers immediately. Installation of jumpers; this involves removing the KAI/KDI module, removing the 6 pin opto-isolator, and inserting the jumper into the appropriate socket contacts. The module is then re-inserted into the mainframe from where it was removed. Audio input via this module will be interrupted during this process (about 2 minutes total time). If unmodified modules experience uncommanded shutdown it is indicated by (a) no audio and (b) no +3 VDC front panel indicator LED. In the event that this failure is found, the module should be modified as part of the re-boot process to avoid future failure.

THIS PHOTO SHOWS TWO KDI-16 MODULES. LEFT IS OLDER MODULE WITH BYPASS JUMPER IN SOCKET. RIGHT IS NEW PRODUCTION WITH SOLDER LINK AND NO SOCKET.



THIS PHOTO SHOWS LOCATION OF OPTO AND JUMPER ON KAI-16 MODULE (LEFT) AND KDI-16 (RIGHT)

