

Installing the A02 Option Into the Model 1100

Following these procedures to install the A02 option in the Model 1100.

1. Remove power connections to the Model 1100.

WARNING:

DISCONNECT POWER FROM THE MODEL 1100 BEFORE ATTEMPTING TO INSTALL THE A02 OPTION. FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE MODEL 1100, PERSONAL INJURY OR DEATH.

2. Lay the unit face down on a table on a soft, clean surface. Make sure the Model 1100 is oriented so that the printing on the rear is upright.
3. Remove the four screws holding the rear cover to the front of the Model 1100. These screws are located on the TOP and SIDES of the unit. Save these screws.
4. Remove the rear cover by carefully lifting it off of the unit.
5. Remove the top blank option cover by removing four screws securing it. Discard the option cover AND the screws holding it in.
6. Replace the top blank option cover with the A02 option card. Secure it with the four screws provided with the option (1/4" 6-32). Make sure the option card is oriented so that the card's printing and the printing on the back of the Model 1100 are upright. If a second AO2 option is also installed, add the jumper on W1 from the A02 you are installing. Mount the second AO2 option in the bottom option location. By adding the jumper, the A02 Analog card becomes Out port 3 and 4. Without the jumper, the A02 will be configured as Analog Out ports 1 and 2. (see the READAD and WRITEAD command in the Basic Users Guide for more information). It is recommended that when the A02 is paired with an A03 option, to set the AO2 with the jumper as Analog Out port 3 and 4.

NOTE:

FAILURE TO USE THE SUPPLIED SCREWS WITH THE A02 INSTALLATION KIT MAY RESULT IN DAMAGE OR FAILURE OF THE MODEL 1100 (AND) OR THE A02 OPTION.

7. Connect the option cable to the connector header on the Model 1100 CPU board, making sure to observe the polarizing tab on the cable and its placement onto the connector header. If you have 2 options on your 1100 connect the middle connector of the Double Option Cable to the option mounted in the top position.

NOTE:

**FAILURE TO INSERT THE OPTION CABLE INTO THE CPU BOARD CORRECTLY
MAY RESULT IN DAMAGE OR FAILURE OF THE MODEL 1100 (AND) OR THE
A02 OPTION.**

8. Reattach the Model 1100 rear cover to the front casting, making sure no internal cables are pinched or otherwise damaged. Use the same screws to secure the cover that secured it originally.
9. Power up the unit and execute a system reset by going thru either the winbuild utilities or by plugging in an XT keyboard and pressing CNTR-ALT-DEL.