

1. Installation of the SAnet controller board.

The SAnet controller board is shipped from the factory ready for installation into your PC. This section describes how to:

- Get your IBM (-compatible) PC ready to install the SAnet controller board.
- Install the SAnet controller board into your PC.
- Test the SAnet controller installation.

If you are unsure of how to follow these instructions, ask your authorised Stage Accompany dealer for advice.

## 1.1 Getting your PC ready.

Follow the next steps to prepare your PC for installing the SAnet controller board:

### CAUTION

Be sure that the power is off and that the power cord is removed from the PC before installing or removing any equipment.

Remove the cover retaining screws on the rear panel of the PC and pull the PC cover off.

The SAnet controller board uses the systems interrupt line IRQ9. Make sure that interrupt line IRQ9 is not used by another extension board. Normally, if you don't have specific extension boards, this interrupt line is unused.

The SAnet controller board uses expansion bus address 390. This address can be changed by means of the DIP switch on the SAnet controller board. The board is shipped with the switch set to 390. Figure 1 shows the 16 possible addresses and their corresponding switch settings.

address	switch 1	switch 2	switch 3	switch 4
300	ON	ON	ON	ON
310	ON	ON	ON	OFF
320	ON	ON	OFF	ON
330	ON	ON	OFF	OFF
340	ON	OFF	ON	ON
350	ON	OFF	ON	OFF
360	ON	OFF	OFF	ON
370	ON	OFF	OFF	OFF
380	OFF	ON	ON	ON
390	OFF	ON	ON	OFF
3A0	OFF	ON	OFF	ON
3B0	OFF	ON	OFF	OFF
3C0	OFF	OFF	ON	ON
3D0	OFF	OFF	ON	OFF
3E0	OFF	OFF	OFF	ON
3F0	OFF	OFF	OFF	OFF

Figure 1. I/O addresses and DIP switch settings.

## 1.2 Installing the SAnet controller board.

Once you have removed the PC cover and checked the DIP switch setting on the SAnet controller board, you can install the SAnet controller board.

Find one unused expansion slot.

Locate the metal bracket that covers the cutout in the back panel of the PC chassis for the expansion slot you have chosen. Use a small flathead screwdriver or nut driver to remove the bracket-retaining screw; save the screw. Remove the bracket.

Position the front bottom corner of the SAnet controller board in the card guide channel. Keep the top of the card level, and lower the card until its edge connector is resting on the expansion slot receptacle. Use an evenly distributed pressure to press the board straight down until it seats in the expansion slot.

Reinstall the bracket-retaining screw to secure the bracket to the rear of the PC chassis.

You can replace the computer cover before or after you test the installation. Secure the cover by reinstalling the cover screws.

### 1.3 Testing the new installation.

If everything was done correctly, the system will boot as normal.

Test the installation of the SAnet controller board by running the included test program "SANET.EXE".

If the test program indicates that the installation was successful, the SAnet controller can be supplied with the included software (see chapter 2).

If the system does not boot correctly or the "SANET.EXE" test program indicates some error, turn the power off and check that:

- The DIP switch settings on the SAnet controller board are correct (correct I/O address).
- The SAnet controller board is correctly installed into the PC expansion slot (edge connector and receptacle).
- You are booting from a good DOS diskette.

## 2. Installation of the SAnet software.

```
*** sanet.bin ***  
*** sanet.exe ***  
*** primprog ***
```

3. Status LEDs and SAnet connection.

\*\*\* status LEDs description \*\*\*

\*\*\* 9 pins sub D connector description (picture) \*\*\*