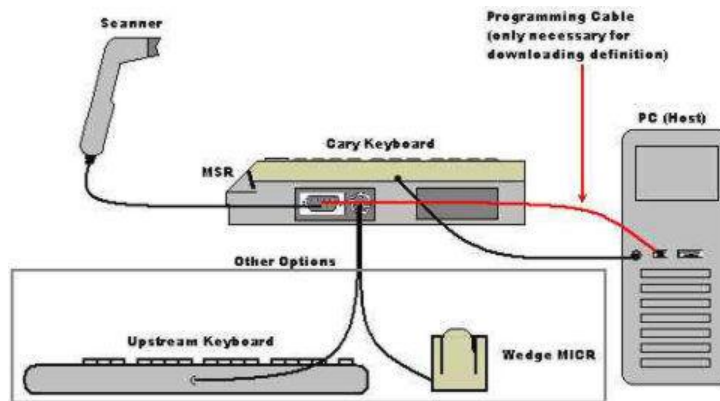
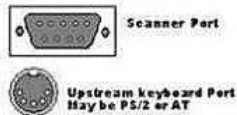
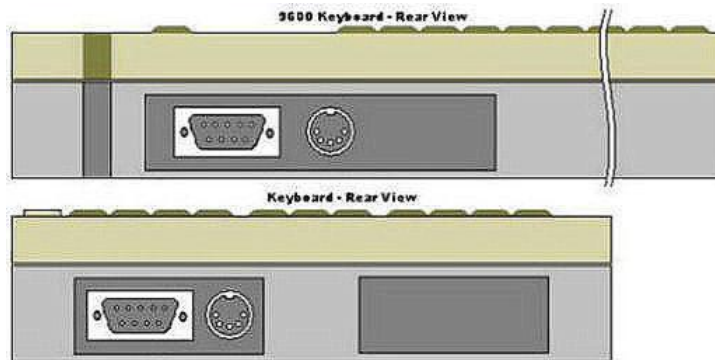


Program your 9600 keyboard

The **Cary9600** family of programmable keyboards allow long strings of keystrokes to be embedded in a single keystem as a macro. Its integrated wedge allows information from the integrated magnetic stripe reader, barcode reader, or a regular PC keyboard to be transmitted to the PC host. When you either swipe a card or scans a barcode, the microcontroller interprets the action and transmits the corresponding scancodes to the PC. The PC's keyboard interrupt handler converts the scancodes to text and passes it to the application software.



Port map



*Solutions
defined
by service*

Getting started

To begin programming your 9600 series keyboard, ensure that you have the following:

1. A PC with MS-DOS 5.0 or later that supports either an AT or PS/2 keyboard.
2. The Cary programming utility (included with your kit).

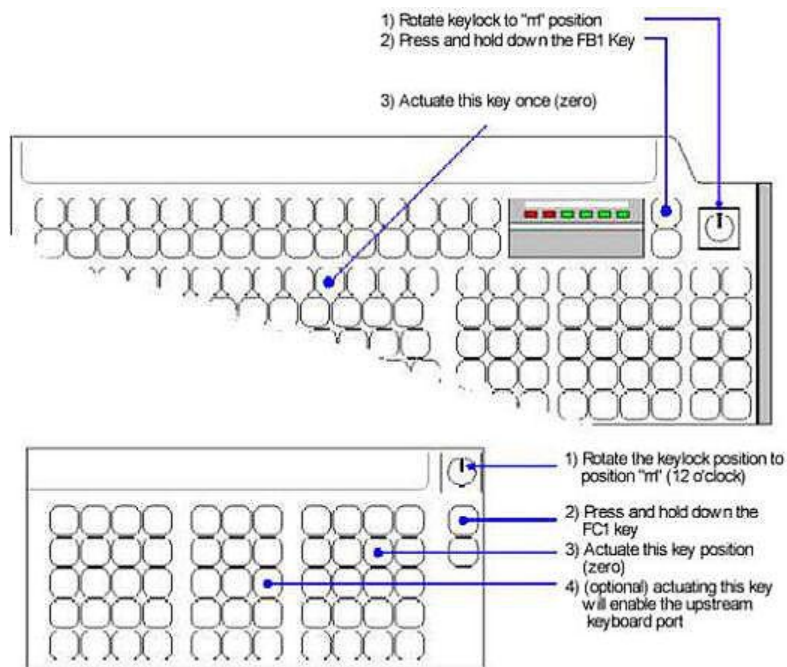
The keyboard does not function properly (I do not even have QWERTY keys) out of the box?

From the factory, the keyboard you have purchased does not have a definition programmed in yet and the keyboard is still set in diagnostic mode. There are a series of local commands that allow you to restore a default IBM-101 keyboard and commence programming

How do I restore IBM-101 functionality to the keyboard?

IBM-101 keyboard functionality may be temporarily restored by completing the following steps:

1. Insert the key marked **EX** into the keylock and turn the key to the position marked **M** (that is, the 12 o'clock position)
2. Press and hold the **FB1** key on the 9600.
3. Actuate the default 0 key above the QWERTY array (not from the numeric keypad).
4. Release the **FB1/FC1** key. You now have a default IBM-101 keyboard mapping.



When I launch the Cary programming utility, the screen is cluttered with random characters.

The programming utility requires that **ANSI support** be enabled by DOS. This is done by adding the following command to your DOS CONFIG.SYS file.

```
DEVICE = C:\DOS\ANSI.SYS
```

Reboot your computer to apply the changes.

How do I use the downloader with Windows 95/98 or Windows NT?

Windows 95 and 98:

The programming utility may be used in an *exclusive DOS session*. This is done in Windows 95 or 98 by shutting down the PC and restarting it in DOS mode. Be sure to have ANSI.SYS added to your CONFIG.SYS.

Windows NT:

Currently, the Cary programming utility is not supported by Windows NT.

What scanners or barcode readers are supported?

This keyboard supports any *decoded-output* RS-232 barcode reader connecting through the DB-9 scanner port.

What is the pinout for the scanner port?

The pinout for the scanner port is the same as any standard RS-232 DB-9 connector:

Pin Function

- | | |
|---|-------------|
| 1 | DCD |
| 2 | RX |
| 3 | TX |
| 4 | DTR |
| 5 | Gnd |
| 6 | DSR |
| 7 | RTS |
| 8 | CTS |
| 9 | RI (+5v DC) |

CORPORATE HEAD OFFICE
NRT Technology Corp.
10 Compass Court, Toronto, ON Canada M1S 5R3
Within Canada: Toll Free (800) 363-1671
Within USA: Toll Free (866) 230-8425
Tel. (416) 646-5232 Fax (416) 646-5242

U.S. OFFICE
NRT Technology Corp.
6380 S. Valley View Blvd., Suite 420
Las Vegas, Nevada USA 89118
Toll Free (866) 430-7630
Tel. (702) 407-7630 Fax (702) 407-7625

ASIA PACIFIC
NRT Technology Corp.
335 Alameda Dr. Carlos d'Assumpcao,
Edificio "Hot Line" 17th Floor "V"
Macau (SAR), China
Tel. (853) 2875-2305 Fax (853) 2875-2310



WWW.NRTTECH.COM

