

Your modem has 21 memory locations, or registers. These registers control many aspects of your modem's operation. You usually do not have to worry about setting any register; the default values work for most applications.

The following chart summarizes your modems registers.

| Register | Range    | Unit        | Default | Description                   |
|----------|----------|-------------|---------|-------------------------------|
| S0       | 0-255    | rings       | 0       | Ring to answer on.            |
| S1       | 0-255    | rings       | 0       | Number of rings passed.       |
| S2       | 0-127    | ASCII       | 43      | Escape code character.        |
| S3       | 0-127    | ASCII       | 13      | Command terminator.           |
| S4       | 0-127    | ASCII       | 10      | Line feed character.          |
| S5       | 0-32,127 | ASCII       | 8       | Back space character.         |
| S6       | 2-255    | seconds     | 2       | Wait time for dial tone.      |
| S7       | 0-255    | seconds     | 30      | Wait time for carrier.        |
| S8       | 0-255    | seconds     | 2       | Pause time for carrier.       |
| S9       | 1-255    | 1/10 sec.   | 6       | Carrier detect response time. |
| S10      | 0-255    | 1/10 sec.   | 14      | Carrier loss hang up delay.   |
| S11      | 0-255    | 1/100 sec.  | 75      | Touch-tone timing.            |
| S12      | 0-255    | 1/50 sec.   | 50      | Escape code timing.           |
| S13      |          | Not used.   |         |                               |
| S14      |          | Bit Mapped  |         | Option Register.              |
| S15      |          | Not used.   |         |                               |
| S16      |          | Bit Mapped. |         | Option Register.              |
| S17      |          | Not used.   |         |                               |
| S18      | 0-255    | seconds     | 0       | Test duration                 |
| S19      |          | Not used.   |         |                               |
| S20      |          | Not used.   |         |                               |
| S21      |          | Bit mapped. |         | Option register.              |
| S22      |          | Bit mapped. |         | Option register.              |
| S23      |          | Bit mapped. |         | Option register.              |
| S24      |          | Not used.   |         |                               |
| S25      | 0-255    | seconds     | 5       | Async DTR Delay               |
| S26      | 0-255    | seconds     | 1       | RTS to CTS Delay              |
| S27      |          | Bit mapped. |         | Option register.              |

Viewing Registers:

To view the contents of a register, in the command mode type:

AT Sr? <ENTER> (Where r is the register number).

Your modem returns:

nn           Where nn is the current setting of the register.

OK

You can view the contents of several registers with one command:

AT Sr? Sr? Sr?

Your modem returns:

nn           First register.  
nn           Second register.  
nn           Third register.

OK

Setting Registers:

To change the contents of a register, in the command mode type:

AT Sr=n ENTER           Where r is the register number and n is the new value.

Your modem returns:   OK

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