

# AT Commands

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Except for the **A/** command and the **+++** escape command, all commands must be prefixed with the attention code **AT**. For instance, the **A** command (below) would be entered as: "**ATA<CR>**". Without the AT prefix, the command line cannot be executed. Once entered, AT cannot be deleted with the **Backspace** or **Delete** key.

More than one command can be placed on a single line and, if desired, separated with spaces for readability. Once the carriage return (**Enter**) key is pressed, the command line is executed. A line with no carriage return is ignored.

The modem accepts either upper or lower case characters in the command line and ignores any spaces within or between commands. Typing errors can be corrected with the **Backspace** key.

## **A    Go off-hook and attempt to answer a call**

### **&Cn Control Carrier Detect (CD) Signal**

&C0 CD override

&C1 Normal CD operations

### **Dn    Dial**

0-9 DTMF digits 0 to 9

P    Pulse (rotary) dial

T    Tone dial

W    Wait for second dial tone

^    Toggles calling tone enable/disable

**&Dn DTR Option**

&D0 Ignore an on-to-off transition of DTR

&D1 Switch to on-line command mode without disconnection

&D2 Normal DTR operations

**&F Load Factory Configuration (Profile)****Hn Disconnect (Hang-up)**

H0 Hang up (go on-hook)

H1 Go off-hook

**In Identification**

I0 Report product code

I2 Report "OK" or "ERROR"

I3 Report driver revision

I4 Report OEM defined identifier string

**Mn Speaker Control**

M0 Speaker is always off

M1 Speaker ON until CONNECT

M2 Speaker is always on

M3 Speaker off during dialing and receiving carrier and turn speaker on during answering

**On Return to On-Line Data Mode**

O0 Go on-line

O1 Go on-line and retrain

# S-Registers Definitions

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Your modem has S-registers that affect various operating characteristics. The registers let you obtain information about the modem, and let you test the modem. Each S-Register has a factory-set value, which you can read or change to fit your particular requirements.

**Sr=n**    **Set Register r to n**

**Sr?**     **Display contents of S-Register**

**S0**    **Number of Rings to Auto-Answer**

The number of rings the modem waits for before it auto answers.

Range 000-255 (rings)

Default 000 (Country dependent)

**S6**    **Wait Time before Blind Dialing**

The time to pause after off-hook before blind dialing.

Range 002-255

Default 002 (Seconds, Country dependent)

**S7**    **Waiting Time before Carrier Detect**

The time to wait for a carrier from the remote modem before hanging up.

Range 001-255

Default 060 (seconds, Country dependent)

**S8**    **Pause Time For Dial Delay**

Controls how long the modem pauses when a comma "," is encountered in a dial string while executing a dial command.

Range 000-255

Default 002 (seconds)

**S10 Lost Carrier To Hang Up Delay**

The time the modem waits before hanging up for carrier loss.

Range 001-255

Default 014 (1.4 seconds)

**S11 DTMF Tone Duration**

The time for DTMF tone dialing and the time between the tone spacing.

Range 50-255

Default 85 (ms, Country dependent)