



AREA CODE CHANGE

Please note that the area code for Paradyne Corporation in Largo, Florida has changed from 813 to 727.

For any Paradyne telephone number that appears in this manual with an 813 area code, dial 727 instead.



**COMSPHERE 3800 Series Modems
Firmware Update for Release 4.32.30
Firmware Update Sheet**
Document No. 3810-A2-GB41-26
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This document contains information on changes in Firmware Release 4.32.30 that are not documented in the *COMSPHERE 3800 Series Modems, Models 3810, 3811, and 3820 User's Guide* (3810-A2-GB91-20). The information in this update sheet will be incorporated into future releases of the User's Guide. In the meantime, keep this document with your User's Guide.

Bulletin Board System

AT&T Paradyne offers a bulletin board system (BBS) for technical support and general information on the COMSPHERE® 3800 Series modem. Feel free to use the BBS to leave messages regarding technical support issues, obtain information on upgrading modem firmware, or download updates to user documentation. To access the BBS, dial 813-532-5254 with your modem.

New Features and Configuration Options

Table 1 shows the new or enhanced features and configuration options available with Firmware Release 4.32.30. In the left column is the title of the change or addition, with references to related page numbers, if any, in the *COMSPHERE 3800 Series Modems, Models 3810, 3811, and 3820, User's Guide*. In the right column is information about the change.

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Table 1
New Features and Changes (1 of 3)

Configuration Option	Notes
<p>DTE Dialer Type DTR=Dirs</p> <p>pp. 4-21—4-22</p>	<p>The front panel selection DTE Dialer Type: DTR=Direct1 (in the DTE Interface group) has been enhanced. It now reads DTR=Dirs. If DTR=Dirs is selected, the new configuration options DTR Auto Redial and DTR Cont Repeat can be accessed from the front panel. If any other DTE Dialer type is selected, then the other options are masked from view.</p> <p>With DTR Auto Redial and DTR Cont Repeat at their default settings, DTR=Dirs has the same effect as the DTR=Direct1 selection did: the modem automatically dials the number in directory location 1 when DTR switches from Off to ON. However, if this initial call attempt fails, the settings of the new configuration options come into play. They make it possible to automatically initiate further retries if desired.</p> <p>The AT commands for DTR=Dirs are &M2 and &Q2.</p> <p>The default DTE Dialer Type is AT (meaning the AT command set is enabled).</p> <p>The following are the selections available at the front panel:</p> <p>DTR Dialer Type > Nxt AT Disable V25bis_Async V25bis_Bsync V25bis_HDLC DTR=Dirs RTS366 AT&T_Exclusv</p>

Table 1
New Features and Changes (3 of 3)

Configuration Option	Notes
<p>S38: DTR Cont Repeat</p>	<p>DTR Cont Repeat is a new configuration option in the DTE_Dialer group. It is accessible only if the DTE Dialer Type is DTR=Dirs. DTR Cont Repeat determines whether automatic redialing stops after the directory locations defined by DTR Auto Redial (S37) have all been tried unsuccessfully once. If DTR Cont Repeat is enabled, automatic redialing starts again with directory location 1. The default is Disable.</p> <p>A redial attempt is made in response to a bad phone number, a busy signal, no answer, or no quiet answer. However, a lockout from redialing occurs if ten successive failing call attempts are made to the same number. At this point, operator intervention (such as a power reset, or the lowering and raising of the DTR signal) is required to initiate further dialing.</p> <p>The analogous AT command is S38=<i>n</i>:</p> <p>S38=0 DTR Continuous Repeat is disabled. S38=1 DTR Continuous Repeat is enabled.</p> <p>The following are the selections available from the front panel:</p> <p>DTR Cont Repeat > End Disable Enable</p>