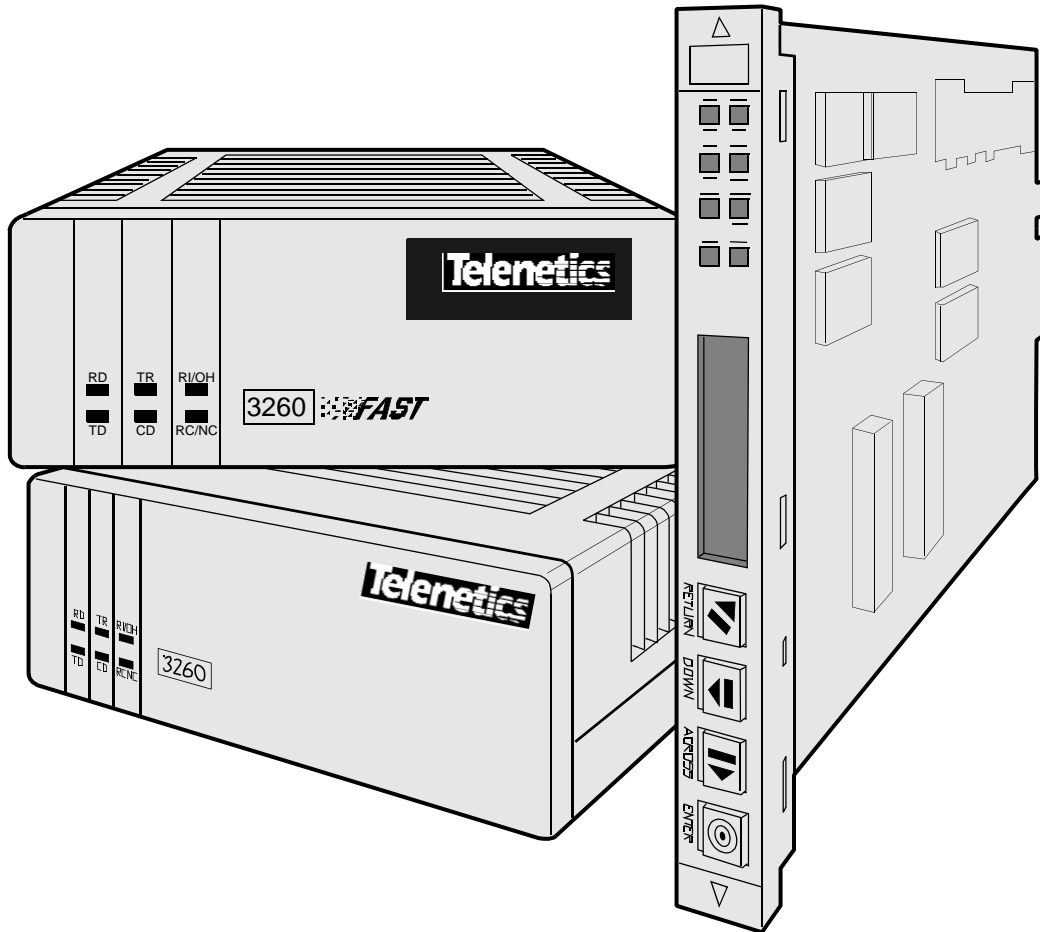


Telenetics



326X V.34, V.34-SDC, and V.32bis Series Modem Quick Reference Guide

Notice

©2001 Telenetics Corporation
25111 Arctic Ocean
Lake Forest, California 92630
(949) 455-4000
All rights reserved
Printed in U.S.A.

Restricted Rights Notification for U.S. Government Users

The software (including firmware) addressed in this manual is provided to the U.S. Government under agreement which grants the government the minimum “restricted rights” in the software, as defined in the Federal Acquisition Regulation (FAR) or the Defense Federal Acquisition Regulation Supplement (DFARS), whichever is applicable.

If the software is procured for use by the Department of Defense, the following legend applies:

Restricted Rights Legend

Use, duplication, or disclosure by the Government
is subject to restrictions as set forth in
subparagraph (c)(1)(ii) of the
Rights in Technical Data and Computer Software
clause at DFARS 252.227-7013.

If the software is procured for use by any U.S. Government entity other than the Department of Defense, the following notice applies:

Notice

Notwithstanding any other lease or license agreement that may pertain to, or accompany the delivery of, this computer software, the rights of the Government regarding its use, reproduction, and disclosure are as set forth in FAR 52.227-19(C).

Unpublished - rights reserved under the copyright laws of the United States.

Notice (continued)

Proprietary Material

Information and software in this document are proprietary to Telenetics Corporation (or its Suppliers) and without the express prior permission of an officer of Telenetics Corporation, may not be copied, reproduced, disclosed to others, published, or used, in whole or in part, for any purpose other than that for which it is being made available. Use of software described in this document is subject to the terms and conditions of the Telenetics Software License Agreement.

This document is for information purposes only and is subject to change without notice.

Radio Frequency Interference Regulations

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

NOTE: the 3262/63/67/68 Modem is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Changes or modifications not expressly approved by Telenetics could void the user's authority to operate the equipment.

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

This is a Class A product. Operation of this equipment in a residential environment may cause radio interference, in which case the user may be required to take adequate measures to correct the interference at his/her own expense.

This product is CISPR 22 Class B verified under test conditions that included use of shielded DTE cables. Ferrite cylinders attached to the dial line are required for Modem 3266 (Canada). Leased line cables with 1.5 turns through a ferrite cylinder were also used. Use of different cables will invalidate verification and increase the risk of causing interference to radio and TV reception.

You can obtain the proper cables from Telenetics.

This product is **CE** marked to indicate compliance with the following European directives.

- 73/23/EEC Low Voltage Directive (Safety)
- 89/336/EEC EEC Directive

Compliance with the above directives may only be assured when the equipment is installed and operated in accordance with the instructions for its use and the purpose for which it is intended.

Products that do not bear the **CE** mark are not intended for supply or use in the European Union.

Part No. TEL-T0009-01 Rev A
First Printing: December 2002

Table of Contents

Introduction	1
Understanding the Front Panel Modem Buttons	1
Selecting Modem Parameters	2
Saving Modem Settings in Nonvolatile Memory	3
Returning to Factory Default Settings	4
Using This Quick Reference Guide	5
Australia and New Zealand	7
Austria	9
Belgium	11
Canada	13
Czech Republic and Poland	15
Denmark	17
Finland	19
France	21
Germany	23
Hong Kong	25
Ireland	27
Israel	29
Italy	31
Japan	33
Malaysia	35
Netherlands	37
Norway	39
Portugal	41
Singapore	43
South Africa	45
Spain	47
Sweden	49
Switzerland	51

United Kingdom	53
Universal	55

Introduction

This Quick-Reference Guide describes how to select country-specific parameters using the Telenetics 326X V.34, V.34-SDC, and V.32bis series modems. Users select modem parameters using buttons on the front panel of the modem.

This Introduction describes how to use the front-panel buttons to select modem parameters. The chapters that follow this Introduction describe the country-specific parameters that are available for various countries, along with the recommended settings for those countries.





Understanding the Front Panel Modem Buttons

The operating parameters for the 326X V.34, V.34-SDC, and V.32bis series modems are grouped into several menu and command categories. To select a parameter, you navigate through the menu and command categories until you find the parameter you want to select.

Navigating through the menu and command categories, and selecting command parameters, are performed using the four buttons on the modem front panel. After you select all the desired parameters, you use the front-panel buttons again to save the parameters in one of the modem's four nonvolatile memory positions.

Table Intro-1 describes the functions of the modem's front-panel buttons.

Table Intro-1. Front Panel Modem Buttons

Modem Button	Description
 DOWN	Lets you scroll down menu and command categories.
 ACROSS	Lets you scroll across command categories.
 ENTER	Lets you select the command that appears in the modem's LCD display.
 RETURN	From a command category, pressing Return shows the associated menu category in the modem's LCD display. Form a menu category, pressing Return shows the initial prompt in the modem's LCD display.

Selecting Modem Parameters

When you first power-up the modem, the modem performs its Self Test and the LCD displays a prompt similar to the following (the model number shown may be different for your modem):

```
SELF TEST
326X Fast Ready
```

After the modem passes its Self Test, the LCD displays the following initial prompt:

```
Disconnect T/D?
```

From this initial prompt, you can use the modem's front-panel buttons to scroll through menus and commands until you find the command you want to select. The following steps describe this procedure.

1. If the menu category is on the same level as the initial prompt, skip to step 2. Otherwise, press the **Down** button to scroll down through the menu categories. (The foldout document that came with your modem shows whether the menu category is on the same level as the initial prompt.)



Each time you press **Down**, another menu category appears in the modem's LCD display. When the appropriate menu category appears, stop pressing **Down**.

NOTE: If you scroll past the menu category you need, don't worry. Just keep pressing **Down** until the categories start scrolling from the beginning again and stop when the menu category you desire appears in the LCD display.

2. When the desired menu category appears in the modem's LCD display, press the **Across** button to scroll horizontally through the commands associated with the menu you selected in step 1.



Each time you press **Across**, another command appears in the modem's LCD display. When the appropriate command appears in the LCD display, stop pressing **Across**.

NOTE: The commands work just like the menus. Therefore, if you pass the command you need, keep pressing **Across** until the commands start scrolling from the beginning again and stop when the desired command appears in the LCD display.

3. When the desired command appears, press the **Down** button until the desired command setting appears in the LCD display.

- When the desired command setting appears in the LCD display, press the **Enter** button:



ENTER

- After you select the desired command setting, press the **Enter** button. The menu category associated with the command you selected appears in the LCD display.
- Press the **Enter** button again to return to the initial prompt:

```
Disconnect   T/D?
```

- To select additional command settings, repeat steps 1 through 6. The commands you choose go into effect as soon as you select them.
- After you select all the desired command settings, use the procedure under “Saving Modem Settings in Nonvolatile Memory” on page 3 to save the settings in one of the modem’s nonvolatile memory positions. Otherwise, the settings you selected will be lost if the modem is turned off or encounters a power-failure.

Saving Modem Settings in Nonvolatile Memory

After you choose your command selections, use the following procedure to save them in the modem’s nonvolatile memory. The 326X V.34, V.34-SDC, and V.32bis series modems have four positions in nonvolatile memory that can store your command selections.

- From the initial prompt:

```
Disconnect   T/D?
```

Press the **Across** button five times. The following prompt appears in the LCD display:

```
Save Changes=1
```

This prompt indicates that the selections you made will be saved in nonvolatile memory position 1.

- To save your selections in a different nonvolatile memory position, press the **Down** button. Each time you press **Down**, another position in nonvolatile memory appears in the LCD display. For example:

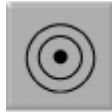
```
Save Changes=2
```

```
Save Changes=3
```

```
Save Changes=4
```

NOTE: If you scroll past the desired position, keep pressing **Down** until the desired position appears in the LCD display again.

3. When the desired nonvolatile memory position appears, press the **Enter** button:



ENTER

The following message appears in the LCD display:

```
Saving Options
```

followed by:

```
Save Completed!
```

4. Press the **Return** button to return to the initial prompt:

```
Disconnect T/D?
```

Returning to Factory Default Settings

If you make one or more mistakes when making your command selections, you can return to the modem's original factory-default settings. These settings are the ones that were in effect when you first received your modem — before you chose any command selections.

Warning: Returning to factory-default selections deletes all modem selections you made, as well as the modem commands saved in nonvolatile memory. Therefore, be sure you do not want to retain these settings before performing the following procedure.

To return to the factory-default settings:

1. From the initial prompt:

```
Disconnect T/D?
```

Press the Across button 7 times. The following message appears in the LCD display:

```
Reinit Memory?
```

2. Press the **Enter** button. The LCD displays the following message:

```
Reinit All Mem?
```

3. Press the **Enter** button again. The modem erases all command selections you made, including those saved in all four nonvolatile memory positions, and returns to its factory-default settings.

Using This Quick Reference Guide

Now that you know how to navigate through the modem's menu and command tree and select command settings, you can go to then appropriate chapter in this Guide to view the commands available for various countries and to choose the appropriate commands for your requirements.

To make this task easier for you, we have indicated which menu and command categories are associated with each command. In the following example, for instance:



ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in 3265/6 (ATH0)
-----------------------------------	---

the parenthetical information in the left column shows that the **ATH** command can be found in the **TEST OPT'S** menu category and in the **Test** command category. This means that, from the initial prompt:

```
Disconnect   T/D?
```

you press the **Down** button until **TEST OPT'S** appears in the modem's LCD display. Then you press the **Across** button until **Test** appears in the LCD display. You can then select the appropriate setting.

To make these tasks even easier, we have provided the number of times you need to press the **Down** and **Across** buttons to display a particular command. In the following example, for instance:

Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in 3265/6 (ATH0)	1	1

you press the **Down** button one time and the **Across** button one time to display the Test commands in the LCD display.

Australia and New Zealand



Table 1. Australia and New Zealand Settings




Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in 3265/6 (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)	550 AT&G1 1800 AT&G2 in: 3266/8	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	AT&P1	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)	Always=4 sec AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	Always=6 sec AT*DD3	8	2
AT*DP (DIALING OPT'S → Pause Delay)	Always=4 sec AT*DP4/S8=004	8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 3 AT*DR3	0	13
AT*LL (TEST OPT'S → LAL Bust Out)	Restricted in 3265/6 AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted in 3265/6 AT*LT1	6	17
AT*SI (TERMINAL OPT'S → Inactivity Timer)	AT*SI5 default to 0 (inactive)	6	20
AT*TL (DIALING OPT'S → Tone Length)	AT*TL0	8	7

Table 1. Australia and New Zealand Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-10dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-10dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Austria



Table 2. Austria Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in all models (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy Restricted (AT&D0 – AT&D6)	6	5
AT&G (MODULATION OPT'S → Guard Tone)	550 AT&G1 1800 AT&G2 in: 3266/8	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	AT&P0	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #1 AT*AA1 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)	Always=4 sec AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	7 sec AT*CD2 3 sec AT*CD1	6	11
AT*DD (DIALING OPT'S → Dial Wait)	6 sec AT*DD3 4 sec AT*DD2 3 sec AT*DD1	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 8 AT*DR8	0	13
AT*LL (TEST OPT'S → LAL Bust Out)	Restricted AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted AT*LT1	6	17
AT*SI (TERMINAL OPT'S → Inactivity Timer)	AT*SI5 S30=60 (600 sec)	6	20
AT*TL (DIALING OPT'S → Tone Length)	Always= 72 ms AT*TL0	8	7

Table 2. Austria Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Belgium



Table 3. Belgium Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	Always=4, ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	AT&P1	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #1 AT*AA1 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)	Restricted AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	AT*CD1 S10=15	6	11
AT*DD (DIALING OPT'S → Dial Wait)	Always=20 sec AT*DD6 12 sec AT*DD4	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 3 AT*DR3	0	13
AT*LL (TEST OPT'S → LAL Bust Out)	AT*LL1	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7



Table 3. Belgium Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-6dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Canada



Table 4. Canada Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in 3268 (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)		8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)	AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD0 4 sec AT*DD2 6 sec AT*DD3 S7 AT*DD9	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)	3266 AT*LL0 AT*LL1 Restricted in 3268 AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted in 3268 AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	30 sec AT*TT0 45 sec AT*TT1	8	7



Table 4. Canada Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	-9dBm	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Set to 0dBm; adjustable from 0 to -15dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Set to 0dBm; adjustable from 0 to -15dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Czech Republic and Poland



Table 5. Czech Republic and Poland Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in all models (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)		8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)		8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD1 4 sec AT*DD2 6 sec AT*DD3 Using S7 AT*DD9	8	2
AT*DP (DIALING OPT'S → Pause Delay)	AT*DPO	8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 8 AT*DR8	0	13
AT*LL (TEST OPT'S → LAL Bust Out)	AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	AT*TL0	8	7

Table 5. Czech Republic and Poland Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT3 90 sec AT*TT2 Using S7 AT*TT5	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=0dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.



Table 6. Denmark Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #1 AT*AA1 Ring #2 AT*AA2 Using S0 AT*AA5	5	6
AT*BD (DIALING OPT'S → Blind Dial)	2 sec AT*BD0 4 sec AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD0 4 sec AT*DD2 6 sec AT*DD3 15 sec AT*DD5 20 sec AT*DD6	8	2
AT*DP (DIALING OPT'S → Pause Delay)	AT*DPO	8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 6. Denmark Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.



Table 7. Finland Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=40% AT&P0	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #2 AT*AA2 Using S0 AT*AA5	5	6
AT*BD (DIALING OPT'S → Blind Dial)		8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	AT*CD2	6	11
AT*DD (DIALING OPT'S → Dial Wait)	4 sec AT*DD2 6 sec AT*DD3 15 sec AT*DD5 Using S7 AT*DD9	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 8 AT*DR8	0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7



Table 7. Finland Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT3 90 sec AT*TT2 Using S7 AT*TT5	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-11dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

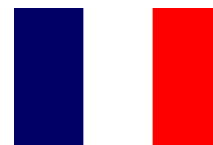


Table 8. France Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	ATH0	1	1
ATX (ACU OPT'S → Call Progress)	Always=4, ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	Restricted	6	5
AT&G (MODULATION OPT'S → Guard Tone)	550 AT&G0 1800 AT&G1 AT&G2	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)	AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	Off AT*CD0 3 sec AT*CD1	6	11
AT*DD (DIALING OPT'S → Dial Wait)	6 sec AT*DD3 12 sec AT*DD4	8	2
AT*DP (DIALING OPT'S → Pause Delay)	3 sec AT*DP0 6 sec AT*DP1 9 sec AT*DP2 12 sec AT*DP3	8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)	AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 8. France Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	45 sec AT*TT1 60 sec AT*TT2 Using S7 AT*TT5	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-10dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.



Germany



Table 9. Germany Settings

Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted all models (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)	ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	Restricted, AT&D0 – AT&D6	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=40% AT&P0	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #1 AT*AA1 Ring #2 AT*AA2 Ring #4 AT*AA4	5	6
AT*BD (DIALING OPT'S → Blind Dial)	2 sec AT*ABD0 4 sec AT*ABD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	Off AT*CD0 3 sec AT*CD1 7 sec AT*CD2	6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD0 4 sec AT*DD2 6 sec AT*DD3 15 sec AT*DD5 20 sec AT*DD6	8	2
AT*DP (DIALING OPT'S → Pause Delay)	AT*DP0	8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)	Restricted AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	AT*TL1 S11=85	8	7

Table 9. Germany Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-10dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

If you issue the ATD command without an attached telephone number, the modem responds: ERROR.

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Germany



Table 10. Hong Kong Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	AT&D2	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)	4 sec AT*ABD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	Always=6 sec AT*DD3	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 3 AT*DR3	0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted in 3265/6/8 AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 10. Hong Kong Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2 90 sec AT*TT3 180 sec AT*TT4	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-11dBm	7	3



If you issue the ATD command without an attached telephone number, the modem responds: ERROR.

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Ireland



Table 11. Ireland Settings

Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in 3265/6 (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)	ATX=4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	Restricted AT&D2	6	5
AT&G (MODULATION OPT'S → Guard Tone)	Always=1800 (AT&G2) in 3266/8	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #1 AT*AA1 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)		8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	3 sec AT*DD1 4 sec AT*DD2 6 sec AT*DD3	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 3 AT*DR3	0	13
AT*LL (TEST OPT'S → LAL Bust Out)	Restricted in 3265/6 AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted in 3265/6 AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

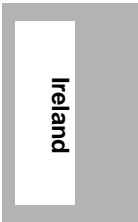




Table 11. Ireland Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-8dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-12dBm	7	3

If you issue the ATD command without an attached telephone number, the modem responds: ERROR.

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

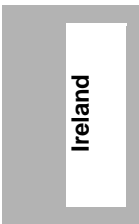






Table 12. Israel Settings

Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=40% AT&P0	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)		8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD1 4 sec AT*DD2 6 sec AT*DD3 Using S7 AT*DD9	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

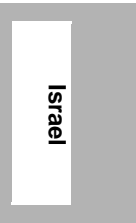


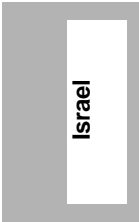


Table 12. Israel Settings(Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT3 90 sec AT*TT2 Using S7 AT*TT5	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=0dBm	7	3

If you issue the ATD command without an attached telephone number, the modem responds: ERROR.

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.



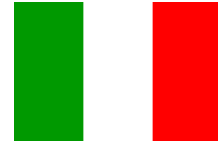




Table 13. Italy Settings

Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=38% AT&P2	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #2 AT*AA2 Ring #2 AT*AA4	5	6
AT*BD (DIALING OPT'S → Blind Dial)	4 sec AT*BD1 Using S6 AT*BD2	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	AT*CD3 S10=15	6	11
AT*DD (DIALING OPT'S → Dial Wait)	4 sec AT*DD2 6 sec AT*DD3 15 sec AT*DD5 Using S7 AT*DD9	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 3 AT*DR3 4 AT*DR4	0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

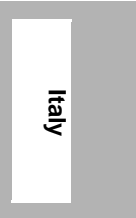




Table 13. Italy Settings (Continued)



Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 Using S7 AT*TT5	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Japan



Table 14. Japan Settings

Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)		6	5
AT&G (MODULATION OPT'S → Guard Tone)	Restricted AT&G0	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)	Always=4 sec AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	AT*CD3 S10=15	6	11
AT*DD (DIALING OPT'S → Dial Wait)	3 sec AT*DD1 4 sec AT*DD2 6 sec AT*DD3	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2	0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

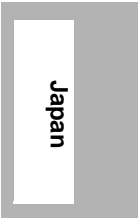




Table 14. Japan Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 45 sec AT*TT1	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Set to -15dBm; adjustable from 0 to -15dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Set to -15dBm; adjustable from 0 to -15dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.



Table 15. Malaysia Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted on all models (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	&D0 to &D6	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)	AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	AT*CD3 S10=15	6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD1 4 sec AT*DD2 6 sec AT*DD3 Using S7 AT*DD9	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 ... ''' 8 AT*DR8	0	13
AT*LL (TEST OPT'S → LAL Bust Out)	Restricted AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 15. Malaysia Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT3 90 sec AT*TT2 Using S7 AT*TT5	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=0dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Netherlands



Table 16. Netherlands Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	Always=4 ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)	AT&G0	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=38% AT&P2	8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)	Restricted	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	15 sec AT*DD5 30 sec AT*DD7 40 sec AT*DD8	8	2
AT*DP (DIALING OPT'S → Pause Delay)	Always=3 sec	8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 16. Netherlands Settings (Continued)



Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)		8	4
AT*PT (DIALING OPT'S → Call Timeout)	Dial=Auto Restricted	8	3
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Norway



Table 17. Norway Settings

Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)	Restricted AT&G0	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=40% AT&P0	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #1 AT*AA1 Ring #2 AT*AA2 Using S0 AT*AA5	5	6
AT*BD (DIALING OPT'S → Blind Dial)	Restricted AT*BD2 S6=003	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	Off AT*CD0 3 sec AT*CD1 7 sec AT*CD2	6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD0 4 sec AT*DD2 6 sec AT*DD3 15 sec AT*DD5 20 sec AT*DD6	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

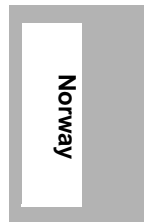




Table 17. Norway Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-10dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Portugal



Table 18. Portugal Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted all models (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)	ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	Restricted (AT&D0 – AT&D6)	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)		8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD0 4 sec AT*DD2 6 sec AT*DD3 Using S7 AT*DD9	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)	Restricted AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7



Table 18. Portugal Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)		8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-10dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.



Table 19. Singapore Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in all models (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)		5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)		8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)	Restricted *BD2 S6=003	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)		8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 sec AT*DR1 4 sec AT*DR4	0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)		8	7
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT1 60 sec AT*TT3 90 sec AT*TT2	8	4

Table 19. Singapore Settings (Continued)

Features	Settings	 DOWN	 ACROSS
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

South Africa



Table 20. South Africa Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)	Always=1800 (AT&G1) Models 3265/7 550 AT&G1 1800 AT&G2 in: 3266/8	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)	Always=4sec AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	AT*CD3 S10=15	6	11
AT*DD (DIALING OPT'S → Dial Wait)	Always=6 sec AT*DD3	8	2
AT*DP (DIALING OPT'S → Pause Delay)	Always=4 sec AT*DP4 S8=004	8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 3 AT*DR3	0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 20. South Africa Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Spain



Table 21. Spain Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted in all models (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)	Always=4 ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	Restricted (AT&D0 – AT&D6)	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)	Restricted AT*BD2 S6=003	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	3 sec AT*CD1 7 sec AT*CD2	6	11
AT*DD (DIALING OPT'S → Dial Wait)	3 sec AT*DD1 4 sec AT*DD2 6 sec AT*DD3	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 sec AT*DR1 2 sec AT*DR2 3 sec AT*DR3 4 sec AT*DR4	0	13
AT*LL (TEST OPT'S → LAL Bust Out)	Restricted AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted At*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7



Table 21. Spain Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT1 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-11dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-6dBm	7	3



Note: Default settings shown in **bold**. Settings may vary depending on the modem model.



Table 22. Sweden Settings

Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	Always=4 ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=40% AT&P0	8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)	AT*BD2	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	15 sec AT*DD5 30sec AT*DD7 40 sec AT*DD8	8	2
AT*DP (DIALING OPT'S → Pause Delay)		8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 22. Sweden Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-13dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-13dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.



Table 23. Switzerland Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	Always=4 ATX4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	108.2/Bsy	6	5
AT&G (MODULATION OPT'S → Guard Tone)		2	15
AT&P (DIALING OPT'S → Pulse Cycle)		8	6
AT*AA (ACU OPT'S → Answer)	Manual AT*AA0 Ring #2 AT*AA2	5	6
AT*BD (DIALING OPT'S → Blind Dial)	AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	6 sec AT*DD3 12sec AT*DD4	8	2
AT*DP (DIALING OPT'S → Pause Delay)	Always=3 sec AT*DPO	8	1
AT*DR (DATA T/D → Auto Redial)		0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 23. Switzerland Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-9dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Switzerland

United Kingdom



Table 24. United Kingdom Settings





Features	Settings		
		DOWN	ACROSS
ATH (TEST OPT'S → Test)		1	1
ATX (ACU OPT'S → Call Progress)	ATX=0	5	21
AT&D7 (TERMINAL OPT'S → DTR)		6	5
AT&G (MODULATION OPT'S → Guard Tone)	550 AT&G1 1800 AT&G2 in: 3265/7 Always=1800 (AT&G2) in 3266/8	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	Always=33% AT&P1	8	6
AT*AA (ACU OPT'S → Answer)		5	6
AT*BD (DIALING OPT'S → Blind Dial)	Always=4 sec AT*BD1	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)		6	11
AT*DD (DIALING OPT'S → Dial Wait)	Always=6 sec AT*DD3	8	2
AT*DP (DIALING OPT'S → Pause Delay)	Always=4 sec AT*DP4 or AT*DP1 S8=4	8	1
AT*DR (DATA T/D → Auto Redial)	Off AT*DR0 1 AT*DR1 2 AT*DR2 3 AT*DR3	0	13
AT*LL (TEST OPT'S → LAL Bust Out)		1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)		6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7

Table 24. United Kingdom Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	30 sec AT*TT0 60 sec AT*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Always=-9dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Always=-13dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.

Universal

Table 25. Universal Settings





Features	Settings	 DOWN	 ACROSS
ATH (TEST OPT'S → Test)	Test=Busy Out (ATH1) Restricted (ATH0)	1	1
ATX (ACU OPT'S → Call Progress)	ATX=4	5	21
AT&D7 (TERMINAL OPT'S → DTR)	AT&D2	6	5
AT&G (MODULATION OPT'S → Guard Tone)	AT&G2	2	15
AT&P (DIALING OPT'S → Pulse Cycle)	AT&P1	8	6
AT*AA (ACU OPT'S → Answer)	AT*AA5	5	6
AT*BD (DIALING OPT'S → Blind Dial)	AT*BD2	8	5
AT*CD (TERMINAL OPT'S → Loss Dis)	AT*CD3	6	11
AT*DD (DIALING OPT'S → Dial Wait)	2 sec AT*DD0 4 sec AT*DD2 6 sec AT*DD3 S7 AT*DD9	8	2
AT*DP (DIALING OPT'S → Pause Delay)	AT*DP0	8	1
AT*DR (DATA T/D → Auto Redial)	AT*DR0	0	13
AT*LL (TEST OPT'S → LAL Bust Out)	Restricted AT*LL0	1	3
AT*LT (TERMINAL OPT'S → DTE Pin 25)	Restricted AT*LT1	6	17
AT*TL (DIALING OPT'S → Tone Length)	Always=72 ms AT*TL0	8	7



Table 25. Universal Settings (Continued)

Features	Settings	 DOWN	 ACROSS
AT*TT (DIALING OPT'S → Call Timeout)	*TT2	8	4
DL TX Level (TELCO OPT'S → DL TX Level)	Set to -9dBm; adjustable from 0 to -15dBm	7	2
LL TX Level (TELCO OPT'S → LL TX Level)	Set to 0dBm; adjustable from 0 to -15dBm	7	3

Note: Default settings shown in **bold**. Settings may vary depending on the modem model.