

# Basic Hayes AT command set

Below you find a list of basic Hayes commands. It is the basic AT command set supported on virtually any modem device. Click on a single command to read more information.

Command	Description
<a href="#">_</a>	Pause
<a href="#">+++</a>	Escape Sequence
<a href="#">A</a>	Answer Mode
<a href="#">A/</a>	Repeat Sequence
<a href="#">AT</a>	Attention!
<a href="#">B0</a>	Select Communication Protocol: ITU-T v.22 (300bps or 1200bps)
<a href="#">B1</a>	Select Communication Protocol: Bell 212A (300bps or 1200bps)
<a href="#">B2</a>	Select Communication Protocol: Enables v.23
<a href="#">C0</a>	Transmit carrier disabled
<a href="#">C1</a>	Transmit carrier enabled
<a href="#">D!</a>	Enable "flash"
<a href="#">D"555-4NET"</a>	D"555-4NET"
<a href="#">D.</a>	Pause before dial
<a href="#">D@</a>	Modem will wait for a quiet answer before dialing the rest of the dial string
<a href="#">DL</a>	Redial the last dialed number
<a href="#">DP</a>	Pulse dial
<a href="#">DR</a>	Enable answer mode
<a href="#">DS=x</a>	Dial the stored telephone number in x
<a href="#">DT</a>	Tone dial
<a href="#">DW</a>	Resume dialing after dial tone is detected
<a href="#">E0</a>	Echo Disabled
<a href="#">E1</a>	Echo Enabled
<a href="#">F0</a>	Preset the line speed to: Auto mode
<a href="#">F1</a>	Preset the line speed to: V.21 300bps
<a href="#">F10</a>	Preset the line speed to: V.32bis 14,400bps
<a href="#">F2</a>	Reserved
<a href="#">F3</a>	Preset the line speed to: V.23 75Tx/1200Rx with AT%F1 / V.23 1200Tx/75Rx with AT%F2
<a href="#">F4</a>	Preset the line speed to: V.22 1,200bps
<a href="#">F5</a>	Preset the line speed to: V.22bis 2,400bps
<a href="#">F6</a>	Preset the line speed to: V.32bis 4,800bps
<a href="#">F7</a>	Preset the line speed to: V.32bis 7,200bps
<a href="#">F8</a>	Preset the line speed to: V.32bis 9,600bps
<a href="#">F9</a>	Preset the line speed to: V.32bis 12,000bps
<a href="#">H0</a>	Hook Select: On-hook
<a href="#">H1</a>	Hook Select: Off-hook
<a href="#">I0</a>	Report Modem Information: Modem model and speed
<a href="#">I1</a>	Report Modem Information: ROM checksum

<b>Command</b>	<b>Description</b>
<a href="#"><u>I10</u></a>	Report Modem Information:
<a href="#"><u>I11</u></a>	Report Modem Information:
<a href="#"><u>I12</u></a>	Report Modem Information:
<a href="#"><u>I13</u></a>	Report Modem Information:
<a href="#"><u>I14</u></a>	Report Modem Information:
<a href="#"><u>I15</u></a>	Report Modem Information:
<a href="#"><u>I16</u></a>	Report Modem Information:
<a href="#"><u>I17</u></a>	Report Modem Information:
<a href="#"><u>I18</u></a>	Report Modem Information:
<a href="#"><u>I2</u></a>	Report Modem Information: Tests ROM checksum THEN reports it
<a href="#"><u>I3</u></a>	Report Modem Information: Firmware revision level.
<a href="#"><u>I4</u></a>	Report Modem Information: Data connection info
<a href="#"><u>I5</u></a>	Report Modem Information: Regional Settings
<a href="#"><u>I6</u></a>	Report Modem Information: Data connection info
<a href="#"><u>I7</u></a>	Report Modem Information: Manufacturer and model info
<a href="#"><u>I8</u></a>	Report Modem Information:
<a href="#"><u>I9</u></a>	Report Modem Information:
<a href="#"><u>L0</u></a>	Set Speaker Volume: Mute
<a href="#"><u>L1</u></a>	Set Speaker Volume: Low volume
<a href="#"><u>L2</u></a>	Set Speaker Volume: Medium volume
<a href="#"><u>L3</u></a>	Set Speaker Volume: High volume
<a href="#"><u>M0</u></a>	Set Speaker Mode: Disable speaker
<a href="#"><u>M1</u></a>	Set Speaker Mode: Enable speaker until a carrier signal is detected
<a href="#"><u>M2</u></a>	Set Speaker Mode: Enable speaker
<a href="#"><u>M3</u></a>	Set Speaker Mode: Enable speaker after dialing but disable after a carrier signal is detected
<a href="#"><u>N0</u></a>	Automode selection/detection: Disable automode
<a href="#"><u>N1</u></a>	Automode selection/detection: Enable automode
<a href="#"><u>N2</u></a>	Automode selection/detection: Enable automode
<a href="#"><u>N3</u></a>	Automode selection/detection: Enable automode
<a href="#"><u>N4</u></a>	Automode selection/detection: Enable automode
<a href="#"><u>N5</u></a>	Automode selection/detection: Enable automode
<a href="#"><u>O0</u></a>	Retraining disabled in on-line command mode
<a href="#"><u>O1</u></a>	Retraining enabled in on-line command mode
<a href="#"><u>P</u></a>	Pulse Dialing
<a href="#"><u>Q0</u></a>	Enable result codes to DTE
<a href="#"><u>Q1</u></a>	Disable result codes to DTE
<a href="#"><u>Sn</u></a>	Status Registers
<a href="#"><u>T</u></a>	Tone Dialing
<a href="#"><u>V0</u></a>	Format of Result Code:
<a href="#"><u>V1</u></a>	Format of Result Code:
<a href="#"><u>W0</u></a>	Extended Result Codes: Enables the CONNECT result codes to report the DTE speed.

<b>Command</b>	<b>Description</b>
<a href="#"><u>W1</u></a>	Extended Result Codes: Enables the CONNECT result codes to report the DTE speed.
<a href="#"><u>W2</u></a>	Extended Result Codes: Enables the CONNECT result codes to report the DCE speed.
<a href="#"><u>X0</u></a>	Result Codes for Call Progress: Disable busy and dialtone detection. Result codes 0-4 enabled.
<a href="#"><u>X1</u></a>	Result Codes for Call Progress: Disable busy and dialtone detection. Result codes 0-5,10 enabled.
<a href="#"><u>X2</u></a>	Result Codes for Call Progress: Disable busy detection, enable dialtone detection. Result codes 0-6,10 enabled.
<a href="#"><u>X3</u></a>	Result Codes for Call Progress: Enable busy detection, disable dialtone detection. Result codes 0-5,7,10 enabled.
<a href="#"><u>X4</u></a>	Result Codes for Call Progress: Busy and dialtone detection enabled. Result codes 0-7,10 enabled.
<a href="#"><u>Y0</u></a>	Long Space Disconnect: Long space disconnect disabled
<a href="#"><u>Y1</u></a>	Long Space Disconnect: Long space disconnect enabled
<a href="#"><u>Z0</u></a>	Soft Reset and Restore: Restore setting 0
<a href="#"><u>Z1</u></a>	Soft Reset and Restore: Restore setting 1

# Extended AT command set

Command	Description
<a href="#"><u>AT&amp;A0</u></a>	Originate/Answer Mode Selection: Enables answer mode
<a href="#"><u>AT&amp;A1</u></a>	Originate/Answer Mode Selection: Disables answer mode
<a href="#"><u>AT&amp;B0</u></a>	Auto-Retrain Detection: Disable auto-retrain (modem hangs up)
<a href="#"><u>AT&amp;B1</u></a>	Auto-Retrain Detection: Enable auto-retrain
<a href="#"><u>AT&amp;B2</u></a>	Auto-Retrain Detection: Enable auto-retrain
<a href="#"><u>AT&amp;C0</u></a>	DCD Option: DCD always enabled
<a href="#"><u>AT&amp;C1</u></a>	DCD Option: DCD enabled after a carrier signal is detected
<a href="#"><u>AT&amp;D0</u></a>	Modem Response to DTR Option: DTR is assumed to be on
<a href="#"><u>AT&amp;D1</u></a>	Modem Response to DTR Option: DTR drop causes the modem back to command mode, but does not drop
<a href="#"><u>AT&amp;D2</u></a>	Modem Response to DTR Option: DTR drop causes modem to hang up
<a href="#"><u>AT&amp;D3</u></a>	Modem Response to DTR Option: DTR drop causes the modem to be reinitialized
<a href="#"><u>AT&amp;F0</u></a>	Active Profile/Factory Defaults: Default profile #1 (Works with many modems)
<a href="#"><u>AT&amp;F1</u></a>	Active Profile/Factory Defaults: Default profile #2 (Works with many modems)
<a href="#"><u>AT&amp;F2</u></a>	Active Profile/Factory Defaults: Default profile #3 (Works with many modems)
<a href="#"><u>AT&amp;F3</u></a>	Active Profile/Factory Defaults: Default profile #4 (Works with many modems)
<a href="#"><u>AT&amp;G0</u></a>	Guard Tone Option: Guard tone is disabled
<a href="#"><u>AT&amp;G1</u></a>	Guard Tone Option: A 550 Hz guard tone is enabled
<a href="#"><u>AT&amp;G2</u></a>	Guard Tone Option: A 1800 Hz guard tone is enabled
<a href="#"><u>AT&amp;J0</u></a>	Jack Type Selection: Selects RJ-11, RJ-41s, or RJ45s
<a href="#"><u>AT&amp;J1</u></a>	Jack Type Selection: Selects RJ-12 or RJ-13
<a href="#"><u>AT&amp;K0</u></a>	Flow Control Selection: Flow control disabled
<a href="#"><u>AT&amp;K1</u></a>	Flow Control Selection: Normally unused (deals with RTS/CTS)
<a href="#"><u>AT&amp;K2</u></a>	Flow Control Selection: Normally unused (deals with XON/XOFF)
<a href="#"><u>AT&amp;K3</u></a>	Flow Control Selection: Enable RTS/CTS flow control
<a href="#"><u>AT&amp;K4</u></a>	Flow Control Selection: Enable XON/XOFF flow control
<a href="#"><u>AT&amp;K5</u></a>	Flow Control Selection: Enable transparent XON/XOFF flow control
<a href="#"><u>AT&amp;K6</u></a>	Flow Control Selection: Enable unidirectional XON/XOFF flow control
<a href="#"><u>AT&amp;L0</u></a>	Line Type Selection: Selects public switched telephone network (normal dialup)
<a href="#"><u>AT&amp;L1</u></a>	Line Type Selection: Selects leased line
<a href="#"><u>AT&amp;M0</u></a>	Communication Mode Selection: Asynchronous
<a href="#"><u>AT&amp;M1</u></a>	Communication Mode Selection: Synchronous connect mode, asynchronous offline command mode
<a href="#"><u>AT&amp;M2</u></a>	Communication Mode Selection: Synchronous connect mode, asynchronous offline command mode (DTR set to high)
<a href="#"><u>AT&amp;M3</u></a>	Communication Mode Selection: Synchronous connect mode
<a href="#"><u>AT&amp;P0</u></a>	Make/Break Ratio for Pulse Dialing: North America: Selects 39%-61% make/break ratio at 10 pulses per second
<a href="#"><u>AT&amp;P1</u></a>	Make/Break Ratio for Pulse Dialing: Europe: Selects 33%-67% make/break ratio at 10 pulses per second
<a href="#"><u>AT&amp;P2</u></a>	Make/Break Ratio for Pulse Dialing: Selects 39%-61% make/break ratio at 20

Command	Description
	pulses per second
<a href="#"><u>AT&amp;P3</u></a>	Make/Break Ratio for Pulse Dialing: Selects 33%-67% make/break ratio at 20 pulses per second
<a href="#"><u>AT&amp;Q0</u></a>	Communications Mode Option Selection: Asynchronous mode, the serial port speed will follow the connection speed
<a href="#"><u>AT&amp;Q1</u></a>	Communications Mode Option Selection: Asynchronous off-line command mode, synchronous connect mode
<a href="#"><u>AT&amp;Q2</u></a>	Communications Mode Option Selection: Asynchronous off-line command mode, synchronous connect mode (this option will also have the modem the first number in its directory)
<a href="#"><u>AT&amp;Q3</u></a>	Communications Mode Option Selection: Asynchronous off-line command mode (low DTR), synchronous connect mode (high DTR)
<a href="#"><u>AT&amp;Q4</u></a>	Communications Mode Option Selection: Auto-synchronous mode
<a href="#"><u>AT&amp;Q5</u></a>	Communications Mode Option Selection: Error correction mode
<a href="#"><u>AT&amp;Q6</u></a>	Communications Mode Option Selection: Buffered asynchronous mode
<a href="#"><u>AT&amp;Q8</u></a>	Communications Mode Option Selection: Enables Microcom Networking Protocol (MNP) error control mode.
<a href="#"><u>AT&amp;Q9</u></a>	Communications Mode Option Selection: V.42 or MNP error control mode.
<a href="#"><u>AT&amp;R0</u></a>	RTS/CTS Option Selection:
<a href="#"><u>AT&amp;R1</u></a>	RTS/CTS Option Selection:
<a href="#"><u>AT&amp;S0</u></a>	DSR Option Selection: Force DSR high
<a href="#"><u>AT&amp;S1</u></a>	DSR Option Selection: Force DSR high during handshake and connection
<a href="#"><u>AT&amp;S2</u></a>	DSR Option Selection: Force DSR high will connected
<a href="#"><u>AT&amp;T0</u></a>	Test Option Selection: End test
<a href="#"><u>AT&amp;T1</u></a>	Test Option Selection: Begin a local analog loopback test
<a href="#"><u>AT&amp;T3</u></a>	Test Option Selection: Begin a local digital loopback test
<a href="#"><u>AT&amp;T4</u></a>	Test Option Selection: Allow a remote digital loopback test
<a href="#"><u>AT&amp;T5</u></a>	Test Option Selection: Disallow a remote digital loopback test
<a href="#"><u>AT&amp;T6</u></a>	Test Option Selection: Request a remote digital loopback test
<a href="#"><u>AT&amp;T7</u></a>	Test Option Selection: Request a remote digital loopback test and a self test
<a href="#"><u>AT&amp;T8</u></a>	Test Option Selection: Start a local analog loopback and self test
<a href="#"><u>AT&amp;U0</u></a>	Trellis code modulation
<a href="#"><u>AT&amp;U1</u></a>	Trellis code modulation
<a href="#"><u>AT&amp;V0</u></a>	Display Current configuration and profile
<a href="#"><u>AT&amp;V1</u></a>	S Registers Display
<a href="#"><u>AT&amp;W0</u></a>	Active Profile Write: Write active profile into stored profile 0
<a href="#"><u>AT&amp;W1</u></a>	Active Profile Write: Write active profile into stored profile 1
<a href="#"><u>AT&amp;X0</u></a>	DTE Transmit Clock Source: Modem
<a href="#"><u>AT&amp;X1</u></a>	DTE Transmit Clock Source: DTE
<a href="#"><u>AT&amp;X2</u></a>	DTE Transmit Clock Source: Modem generates the clock with regards to the receiving carrier signal
<a href="#"><u>AT&amp;Y0</u></a>	Active Profile Read: Restore from stored profile 0
<a href="#"><u>AT&amp;Y1</u></a>	Active Profile Read: Restore from stored profile 1
<a href="#"><u>AT&amp;Zn=x</u></a>	Telephone Number Write

# Proprietary AT command set

This is a list of AT commands which are proprietary codes and work only on specific modems.

Command	Description
<a href="#"><u>AT%A0</u></a>	Disable auto-reliable fallback characters
<a href="#"><u>AT%A1 through %A127</u></a>	Selects an ASCII character for auto-reliable fallback
<a href="#"><u>AT%C0</u></a>	Data Compression: Disable data compression
<a href="#"><u>AT%C1</u></a>	Data Compression: MNP5
<a href="#"><u>AT%C2</u></a>	Data Compression: v.42bis
<a href="#"><u>AT%C3</u></a>	Data Compression: MNP5 and v.42bis
<a href="#"><u>AT%E0</u></a>	Auto-Retrain: Disable auto-retrain
<a href="#"><u>AT%E1</u></a>	Auto-Retrain: Enable auto-retrain
<a href="#"><u>AT%E2</u></a>	Auto-Retrain: Enable auto-fallback/fall-forward
<a href="#"><u>AT%F0</u></a>	v.23 Mode Select: Disable v.23
<a href="#"><u>AT%F1</u></a>	v.23 Mode Select: Split speed: 75bps upstream/1200bps downstream
<a href="#"><u>AT%F2</u></a>	v.23 Mode Select: Split speed: 1200bps upstream/75bps downstream
<a href="#"><u>AT%F3</u></a>	v.23 Mode Select: Half duplex: 1200bps upstream/1200bps downstream
<a href="#"><u>AT%G0</u></a>	Auto-Fallback/Fall-Forward: Disabled
<a href="#"><u>AT%G1</u></a>	Auto-Fallback/Fall-Forward: Enabled
<a href="#"><u>AT%L</u></a>	Line Signal Level Return
<a href="#"><u>AT%Q</u></a>	Line Signal Quality Return
<a href="#"><u>AT%TTn</u></a>	Test Mode
<a href="#"><u>AT\A0</u></a>	Max Transmit Block Size: 64 characters
<a href="#"><u>AT\A1</u></a>	Max Transmit Block Size: 128 characters
<a href="#"><u>AT\A2</u></a>	Max Transmit Block Size: 192 characters
<a href="#"><u>AT\A3</u></a>	Max Transmit Block Size: 256 characters
<a href="#"><u>AT\Bn</u></a>	Send Break
<a href="#"><u>AT\C0</u></a>	Auto-Reliable Time Buffer: Data is be discarded
<a href="#"><u>AT\C1</u></a>	Auto-Reliable Time Buffer: Data is to be buffered
<a href="#"><u>AT\C2</u></a>	Auto-Reliable Time Buffer: Data is to be discarded
<a href="#"><u>AT\E0</u></a>	Data Echo: Disabled
<a href="#"><u>AT\E1</u></a>	Data Echo: Enabled
<a href="#"><u>AT\G0</u></a>	Flow Control: Disabled
<a href="#"><u>AT\G1</u></a>	Flow Control: Enabled
<a href="#"><u>AT\J0</u></a>	Serial Port Operation: Serial port speed remains locked
<a href="#"><u>AT\J1</u></a>	Serial Port Operation: Serial port speed is to follow the connect speed
<a href="#"><u>AT\K0</u></a>	Break Type Select
<a href="#"><u>AT\K1</u></a>	
<a href="#"><u>AT\K2</u></a>	
<a href="#"><u>AT\K3</u></a>	
<a href="#"><u>AT\K4</u></a>	
<a href="#"><u>AT\K5</u></a>	

<b>Command</b>	<b>Description</b>
<a href="#"><u>AT\L0</u></a>	MNP Mode Select: Stream mode
<a href="#"><u>AT\L1</u></a>	MNP Mode Select: Block mode
<a href="#"><u>AT\N0</u></a>	Connection Type: Normal mode
<a href="#"><u>AT\N1</u></a>	Connection Type: Direct mode
<a href="#"><u>AT\N2</u></a>	Connection Type: MNP reliable mode
<a href="#"><u>AT\N3</u></a>	Connection Type: Auto-reliable or MNP auto-reliable mode
<a href="#"><u>AT\N4</u></a>	Connection Type: v.42 reliable mode
<a href="#"><u>AT\N5</u></a>	Connection Type: v.42 auto-reliable or MNP auto-reliable mode
<a href="#"><u>AT\N6</u></a>	Connection Type: Reliable mode
<a href="#"><u>AT\N7</u></a>	Connection Type: Auto-reliable mode
<a href="#"><u>AT\O</u></a>	Connection Type: MNP Reliable Mode Initiation
<a href="#"><u>AT\Q0</u></a>	Connection Type: Disable flow control
<a href="#"><u>AT\Q1</u></a>	Connection Type: Bi-directional XON/XOFF
<a href="#"><u>AT\Q2</u></a>	Connection Type: CTS flow control by DCE
<a href="#"><u>AT\Q3</u></a>	Connection Type: Bi-directional RTS/CTS
<a href="#"><u>AT\Q4</u></a>	Connection Type: Unidirectional XON/XOFF by DCE
<a href="#"><u>AT\Q5</u></a>	Connection Type: CTS forced low for pre-connection, then CTS by DCE control takes over, or unidirectional XON/XOFF by DTE will
<a href="#"><u>AT\Q6</u></a>	Connection Type: Bi-directional RTS/CTS or RTS by DTE after connection
<a href="#"><u>AT\Tn</u></a>	Inactivity Timer
<a href="#"><u>AT\U</u></a>	MNP Reliable Mode Acceptance
<a href="#"><u>AT\V0</u></a>	Set Extended Result Codes: Disabled
<a href="#"><u>AT\V1</u></a>	Set Extended Result Codes: Enabled
<a href="#"><u>AT\W0</u></a>	v.23 Split Speed Control: Disabled
<a href="#"><u>AT\W1</u></a>	v.23 Split Speed Control: Enabled
<a href="#"><u>AT\X0</u></a>	XON/XOFF Pass Through: Not Sent
<a href="#"><u>AT\X1</u></a>	XON/XOFF Pass Through: Sent
<a href="#"><u>AT\Y</u></a>	Reliable Mode Conversion
<a href="#"><u>AT\Z</u></a>	Normal Mode Activation

# ETSI AT command set

The ETSI GSM specifies AT style commands for managing the SMS feature of GSM.

Feature	Designator
Technical enhancement and improvement: New AT-commands	\$(AT R97)\$
Technical enhancement and improvement: New AT-commands	\$(AT R98)\$
Support of Multiplexer according to GSM 07.10	\$(MUX MS-TE)\$
Command	Description
<a href="#"><u>AT+BINP</u></a>	Bluetooth input
<a href="#"><u>AT+BLDN</u></a>	Bluetooth last dialled number
<a href="#"><u>AT+BRSF</u></a>	Bluetooth retrieve supported
<a href="#"><u>AT+BSIR</u></a>	Bluetooth setting of in-band ring tone indication
<a href="#"><u>AT+BVRA</u></a>	Bluetooth voice recognition activation
<a href="#"><u>AT+CACM</u></a>	Accumulated call meter
<a href="#"><u>AT+CACM (AT R97)</u></a>	Accumulated call meter
<a href="#"><u>AT+CALA</u></a>	Alarm
<a href="#"><u>AT+CALD</u></a>	Alarm delete
<a href="#"><u>AT+CALM (AT R97)</u></a>	Alert sound mode
<a href="#"><u>AT+CALV</u></a>	Alarm event
<a href="#"><u>AT+CAMM</u></a>	Accumulated call meter maximum
<a href="#"><u>AT+CAMM (AT R97)</u></a>	Accumulated call meter maximum
<a href="#"><u>AT+CAOC</u></a>	Advice of Charge
<a href="#"><u>AT+CAPD</u></a>	Postpone or dismiss an alarm (ver. 2)
<a href="#"><u>AT+CBC</u></a>	Battery charge
<a href="#"><u>AT+CBM</u></a>	Received cell broadcast
<a href="#"><u>AT+CBST</u></a>	Select bearer service type
<a href="#"><u>AT+CCCM</u></a>	Advice of charge call meter notification
<a href="#"><u>AT+CCFC</u></a>	Call forwarding number and conditions
<a href="#"><u>AT+CCLK</u></a>	Clock
<a href="#"><u>AT+CCUG</u></a>	Closed user group
<a href="#"><u>AT+CCWA</u></a>	Call waiting
<a href="#"><u>AT+CCWE (AT R98)</u></a>	Call Meter maximum event
<a href="#"><u>AT+CDIP</u></a>	Called line identification presentation
<a href="#"><u>AT+CDIS</u></a>	Display control
<a href="#"><u>AT+CDS</u></a>	SMS status report
<a href="#"><u>AT+CEER</u></a>	Extended error report
<a href="#"><u>AT+CFUN</u></a>	Set phone functionality
<a href="#"><u>AT+CGACT</u></a>	PDP context activate or deactivate
<a href="#"><u>AT+CGANS</u></a>	Manual response to a network request for PDP context activation
<a href="#"><u>AT+CGATT</u></a>	GPRS attach or detach
<a href="#"><u>AT+CGAUTO</u></a>	Automatic response to a network request for PDP context activation
<a href="#"><u>AT+CGCLASS</u></a>	GPRS mobile station class



<b>Command</b>	<b>Description</b>
<a href="#"><u>AT+CGCLOSP</u></a>	Configure local Octet Stream PAD parameters
<a href="#"><u>AT+CGCLPAD</u></a>	Configure local triple-X PAD parameters
<a href="#"><u>AT+CGCMOD</u></a>	PDP context modify
<a href="#"><u>AT+CGDATA</u></a>	Enter data state
<a href="#"><u>AT+CGDCONT</u></a>	Define PDP Context
<a href="#"><u>AT+CGDSCONT</u></a>	Define secondary PDP context
<a href="#"><u>AT+CGEQMIN</u></a>	3G quality of service profile (minimum acceptable)
<a href="#"><u>AT+CGEQNEG</u></a>	3G quality of service profile (negotiated)
<a href="#"><u>AT+CGEQREQ</u></a>	3G quality of service profile (requested)
<a href="#"><u>AT+CGEREP</u></a>	GPRS event reporting
<a href="#"><u>AT+CGEV</u></a>	GPRS event reporting
<a href="#"><u>AT+CGMI</u></a>	Request manufacturer identification
<a href="#"><u>AT+CGMM</u></a>	Request model identification
<a href="#"><u>AT+CGMR</u></a>	Request revision identification
<a href="#"><u>AT+CGPADDR</u></a>	Show PDP address
<a href="#"><u>AT+CGQMIN</u></a>	Quality of Service Profile (Minimum acceptable)
<a href="#"><u>AT+CGQREQ</u></a>	Quality of Service Profile (Requested)
<a href="#"><u>AT+CGREG</u></a>	GPRS network registration status
<a href="#"><u>AT+CGSMS</u></a>	Select service for MO SMS messages
<a href="#"><u>AT+CGSN</u></a>	Request product serial number identification
<a href="#"><u>AT+CGTFT</u></a>	Traffic flow template
<a href="#"><u>AT+CHLD</u></a>	Call related supplementary services
<a href="#"><u>AT+CHSC</u></a>	HSCSD current call parameters
<a href="#"><u>AT+CHSD</u></a>	HSCSD device parameters
<a href="#"><u>AT+CHSN</u></a>	HSCSD non-transparent call configuration
<a href="#"><u>AT+CHSR</u></a>	HSCSD parameters report
<a href="#"><u>AT+CHSR (AT R98)</u></a>	HSCSD parameters report
<a href="#"><u>AT+CHST</u></a>	HSCSD transparent call configuration
<a href="#"><u>AT+CHSU</u></a>	HSCSD automatic user initiated upgrading
<a href="#"><u>AT+CHSU (AT R98)</u></a>	HSCSD automatic user initiated upgrading
<a href="#"><u>AT+CHUP</u></a>	Hangup call
<a href="#"><u>AT+CIEV</u></a>	Indicator event
<a href="#"><u>AT+CIMI</u></a>	Request international mobile subscriber identity
<a href="#"><u>AT+CIND</u></a>	Indicator control
<a href="#"><u>AT+CKEV</u></a>	Keypad event
<a href="#"><u>AT+CKPD</u></a>	Keypad control
<a href="#"><u>AT+CLAC</u></a>	List all available AT commands
<a href="#"><u>AT+CLAC (AT R98)</u></a>	List all available AT commands
<a href="#"><u>AT+CLAE (AT R98)</u></a>	Language Event
<a href="#"><u>AT+CLAN</u></a>	Set Language
<a href="#"><u>AT+CLAN (AT R98)</u></a>	Set Language
<a href="#"><u>AT+CLCC</u></a>	List current calls

Command	Description
<a href="#"><u>AT+CLCK</u></a>	Facility lock
<a href="#"><u>AT+CLIP</u></a>	Calling line identification presentation
<a href="#"><u>AT+CLIR</u></a>	Calling line identification restriction
<a href="#"><u>AT+CLVL</u></a>	Loudspeaker volume level
<a href="#"><u>AT+CLVL (AT R97)</u></a>	Loudspeaker volume level
<a href="#"><u>AT+CMAR</u></a>	Master Reset
<a href="#"><u>AT+CMAR (AT R98)</u></a>	Master Reset
<a href="#"><u>AT+CME</u></a>	Mobile equipment error result
<a href="#"><u>AT+CMEC</u></a>	Mobile Equipment control mode
<a href="#"><u>AT+CMEE</u></a>	Report Mobile Equipment error
<a href="#"><u>AT+CMER</u></a>	Mobile Equipment event reporting
<a href="#"><u>AT+CMGC</u></a>	Send command (ver. 1)
<a href="#"><u>AT+CMGD</u></a>	Delete message
<a href="#"><u>AT+CMGF</u></a>	Selecting the Operating Mode
<a href="#"><u>AT+CMGL</u></a>	List Messages
<a href="#"><u>AT+CMGR</u></a>	Read Message
<a href="#"><u>AT+CMGS</u></a>	Send message (ver. 2)
<a href="#"><u>AT+CMGW</u></a>	Write message to memory (ver. 2)
<a href="#"><u>AT+CMMS</u></a>	More messages to send
<a href="#"><u>AT+CMOD</u></a>	Call mode
<a href="#"><u>AT+CMSS</u></a>	Send from storage (ver. 2)
<a href="#"><u>AT+CMT</u></a>	Received message
<a href="#"><u>AT+CMTI</u></a>	New message indication
<a href="#"><u>AT+CMUT</u></a>	Mute control
<a href="#"><u>AT+CMUT (AT R97)</u></a>	Mute control
<a href="#"><u>AT+CMUX</u></a>	Multiplexing mode
<a href="#"><u>AT+CMUX (MUX MS-TE)</u></a>	Multiplexing mode
<a href="#"><u>AT+CNMI</u></a>	New messages indication to TE (ver. 4)
<a href="#"><u>AT+CNUM</u></a>	Subscriber number
<a href="#"><u>AT+COLP</u></a>	Connected line identification presentation
<a href="#"><u>AT+COPN</u></a>	Read operator names
<a href="#"><u>AT+COPN (AT R97)</u></a>	Read operator names
<a href="#"><u>AT+COPS</u></a>	Operator selection
<a href="#"><u>AT+CPAS</u></a>	Phone activity status
<a href="#"><u>AT+CPBF</u></a>	Find phonebook entries
<a href="#"><u>AT+CPBR</u></a>	Read phonebook entries
<a href="#"><u>AT+CPBS</u></a>	Select phonebook memory storage
<a href="#"><u>AT+CPBW</u></a>	Write phonebook entry
<a href="#"><u>AT+CPIN</u></a>	Enter PIN
<a href="#"><u>AT+CPMS</u></a>	Preferred Message Storage
<a href="#"><u>AT+CPOL</u></a>	Preferred operator list
<a href="#"><u>AT+CPOL (AT R97)</u></a>	Preferred operator list

<b>Command</b>	<b>Description</b>
<a href="#"><u>AT+CPUC (AT R97)</u></a>	Price per unit and currency table
<a href="#"><u>AT+CPWC (AT R98)</u></a>	Power class
<a href="#"><u>AT+CPWD</u></a>	Change password
<a href="#"><u>AT+CR</u></a>	Service reporting control
<a href="#"><u>AT+CRC</u></a>	Cellular result codes
<a href="#"><u>AT+CREG</u></a>	Network registration
<a href="#"><u>AT+CRES</u></a>	Restore settings
<a href="#"><u>AT+CRING</u></a>	Call mode indication
<a href="#"><u>AT+CRLP</u></a>	Radio link protocol
<a href="#"><u>AT+CRMP</u></a>	Ring Melody Playback
<a href="#"><u>AT+CRMP (AT R98)</u></a>	Ring Melody Playback
<a href="#"><u>AT+CRSL</u></a>	Ringer sound level
<a href="#"><u>AT+CRSL (AT R97)</u></a>	Ringer sound level
<a href="#"><u>AT+CRSM</u></a>	Restricted SIM access
<a href="#"><u>AT+CSAS</u></a>	Save settings
<a href="#"><u>AT+CSCA</u></a>	Setting or Reading the Service Center Address / SMSC Address
<a href="#"><u>AT+CSCC</u></a>	Secure control command
<a href="#"><u>AT+CSCS</u></a>	Select TE character set
<a href="#"><u>AT+CSGT (AT R98)</u></a>	Set Greeting Text
<a href="#"><u>AT+CSIL</u></a>	Silence Command
<a href="#"><u>AT+CSIM</u></a>	Generic SIM access
<a href="#"><u>AT+CSMS</u></a>	Select message service (ver.2)
<a href="#"><u>AT+CSNS</u></a>	Single numbering scheme
<a href="#"><u>AT+CSQ</u></a>	Signal quality
<a href="#"><u>AT+CSSI</u></a>	Supplementary service notification
<a href="#"><u>AT+CSSN</u></a>	Supplementary service notifications
<a href="#"><u>AT+CSSU</u></a>	Supplementary service notification
<a href="#"><u>AT+CSTA</u></a>	Select type of address
<a href="#"><u>AT+CSVM (AT R98)</u></a>	Set Voice Mail Number
<a href="#"><u>AT+CTFR</u></a>	Call deflection
<a href="#"><u>AT+CUSD</u></a>	Unstructured supplementary service data
<a href="#"><u>AT+CV120</u></a>	V.120 rate adaption protocol
<a href="#"><u>AT+CVHU</u></a>	Voice Hangup Control
<a href="#"><u>AT+CVHU (AT R97)</u></a>	Voice Hangup Control
<a href="#"><u>AT+CVIB (AT R97)</u></a>	Vibrator mode
<a href="#"><u>AT+DR</u></a>	V.42BIS DATA COMPRESSION REPORTING CONTROL
<a href="#"><u>AT+DS</u></a>	V.42BIS DATA COMPRESSION CONTROL
<a href="#"><u>AT+GCAP</u></a>	Request modem capabilities list
<a href="#"><u>AT+GCLIP</u></a>	Graphical caller ID presentation
<a href="#"><u>AT+GMI</u></a>	Request manufacturer information
<a href="#"><u>AT+GMM</u></a>	Request model identification
<a href="#"><u>AT+GMR</u></a>	Request revision identification

<b>Command</b>	<b>Description</b>
<a href="#"><u>AT+ICF</u></a>	Cable interface character format (ver. 2)
<a href="#"><u>AT+IFC</u></a>	Cable interface DTE-DCE local flow control
<a href="#"><u>AT+ILRR</u></a>	Cable interface local rate reporting
<a href="#"><u>AT+IPR</u></a>	Cable interface port rate
<a href="#"><u>AT+NREC</u></a>	Noise reduction and echo cancelling
<a href="#"><u>AT+VGM</u></a>	Gain of microphone
<a href="#"><u>AT+VGS</u></a>	Gain of speaker
<a href="#"><u>AT+VTS</u></a>	DTMF and tone generation
<a href="#"><u>AT+WS46</u></a>	PCCA STD-101 [17] select wireless network