

## AT COMMAND INTERFACE

The Navtalk GSM supports the following AT commands. They correspond to the commands of AT Hayes-compatible modems applicable for GSM 07.07.

### Overview

| Command     | Description   |
|-------------|---|
| A/          | Re-issues last AT command given                                   |
| +++AT       | ESC from Data mode to command mode                                |
| ATA         | Answer incoming call  |
| ATD         | Mobile Originated call to dialable number                         |
| ATD<MEM><N> | Originate call to phone number in memory <MEM>                    |
| ATD<N>      | Originate call to phone number in current memory                  |
| ATDL        | Redial last telephone number used                                 |
| ATE         | Set command echo mode   |
| ATH         | Disconnect existing connection                                    |
| ATI         | Display product identification information                        |
| ATL         | Set monitor speaker loudness                                      |
| ATM         | Set monitor speaker mode  |
| ATO         | Switch from command mode to data mode                             |
| ATP         | Select pulse dialling   |
| ATQ         | Set Result code presentation mode                                 |
| ATS0        | Set number of rings before automatically answering the call       |
| ATS3        | Set command line termination character                            |
| ATS4        | Set response formatting character                                 |
| ATS5        | Set command line editing character                                |
| ATS6        | Set pause before blind dialling                                   |
| ATS7        | Set number of seconds to wait for connection completion           |
| ATS8        | Set number of seconds to wait when comma dial modifier used       |
| ATS10       | Set disconnect delay after indicating the absence of data carrier |
| ATT         | Select tone dialling  |
| ATV         | Set result code format mode                                       |
| ATX         | Set connect result code format and call monitoring                |
| ATZ         | Set all current parameters to user defined profile                |
| AT&C        | Set DCD function mode   |
| AT&D        | Set DTR function mode   |
| AT&F        | Set all current parameters to manufacturer defaults               |
| AT&V        | Display current configuration                                     |
| AT&W        | Store current parameter to user defined profile                   |
| AT+DR       | V.42bis data compression reporting control                        |
| AT+DS       | V.42bis data compression control                                  |
| AT+GCAP     | Request complete TA capabilities list                             |
| AT+GMI      | Request manufacturer identification                               |
| AT+GMM      | Request TA model identification                                   |
| AT+GMR      | Request TA revision identification                                |
| AT+GOI      | Request global object identification                              |
| AT+GSN      | Request TA serial number identification (IMEI)                    |
| AT+ICF      | Set TE-TA control character framing                               |
| AT+IFC      | Set TE-TA local data flow control                                 |
| AT+ILRR     | Set TE-TA local rate reporting mode                               |
| AT+IPR      | Set fixed local rate  |
| AT+CBST     | SELECT BEARER SERVICE TYPE  |
| AT+CGMI     | REQUEST MANUFACTURER IDENTIFICATION                               |
| AT+CGMM     | REQUEST MODEL IDENTIFICATION                                      |
| AT+CGMR     | REQUEST REVISION IDENTIFICATION                                   |

## 1.1 AT Commands According to GSM 07.05 for SMS

The GSM 07.05 commands are for performing SMS and CBS related operations for both Text and PDU modes.

### 1.1.1 Overview

| Command | Description                            |
|---------|--|
| AT+CMGD | DELETE SMS MESSAGE                     |
| AT+CMGF | SELECT SMS MESSAGE FORMAT              |
| AT+CMGL | LIST SMS MESSAGES FROM PREFERRED STORE |
| AT+CMGR | READ SMS MESSAGE                       |
| AT+CMGS | SEND SMS MESSAGE                       |
| AT+CMGW | WRITE SMS MESSAGE TO MEMORY            |
| AT+CMSS | SEND SMS MESSAGE FROM STORAGE          |
| AT+CMGC | SEND SMS COMMAND                       |
| AT+CNMI | NEW SMS MESSAGE INDICATIONS            |
| AT+CPMS | PREFERRED SMS MESSAGE STORAGE          |
| AT+CRES | RESTORE SMS SETTINGS                   |
| AT+CSAS | SAVE SMS SETTINGS                      |
| AT+CSCA | SMS SERVICE CENTER ADDRESS             |
| AT+CSCB | SELECT CELL BROADCAST SMS MESSAGES     |
| AT+CSDH | SHOW SMS TEXT MODE PARAMETERS          |
| AT+CSMP | SET SMS TEXT MODE PARAMETERS           |
| AT+CSMS | SELECT MESSAGE SERVICE                 |
|         |  |