



# ALCATEL's ONE TOUCH™ 715

## DATA REFERENCE MANUAL



SW/BF5R1/REFMAN/DATA - Document issue 1.0

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## Document History

Version	Date	Author	Type of modification
0.1	10/02/2002	F. VILLAIN	Creation of the draft
0.2	21/03/2002	F. VILLAIN	Modification of the document's layout, update of AT commands, additional information on support.
0.3	03/04/2002	F. VILLAIN	Additional information on modem installation, serial link management and AT commands support.
1.0	11/04/2002	F. VILLAIN	Initial release



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# 1 Scope

This document will provide operators and service providers with a full understanding of the various data capabilities of ALCATEL's ONE TOUCH™ 715 handsets. These capabilities include the use of the handset as fax and modem. The functioning of the IrDA and serial link data transfer is also described.

# 2 References

## 2.1 Applicable documents

Document Title	Reference Name	
Technical realization of the SMS	3GPP TS 23.040	v4.4.0
Alphabets and Languages	3GPP TS 23.038	v4.3.0
DTE-DCE Interface for SMS and CBS	ETSI TS 100 585	v7.0
AT Command Set for GSM Mobile Equipment	3GPP TS 07.07	v7.6.0
DCE Control - Service Class 1	ITU-T T.31	08/95
Serial Asynchronous Automatic Dialing and Control	ITU-T V.25ter	07/97
Asynchronous Facsimile DCE Control Standard Service Class 1	TIA/EIA-578-B	
ONE TOUCH™ 715 Data Pack documentation		v1.0

## 2.2 GLOSSARY

ACT	Advanced Cellular Terminal
AT command	Hayes Command
AT_	Accessory to Terminal path
Kbps	Kilobits per second
DCE	Data Circuit-terminating Equipment (or ME)
DTE	Data Terminal Equipment (or PC)
GAT	AT commands manager
IrCOMM	Serial link emulation layer
IrDA	Infrared Data Association (protocol)
IrMC	Infrared Mobile Communications
ME	Mobile Equipment (Terminal)
MS	Mobile Station (ME + SIM)
MMI	Man Machine Interface
MOC	Mobile Originated Call
MTC	Mobile Terminated Call
OBEX	Object Exchange
PC	Personal Computer
PDU	Protocol Data Unit
SC	Service Center
SCM	Stream Communication Manager



SDL	Serial Data Link
SL	Serial Link
TA	Terminal Adapter
TA_	Terminal to Accessory path
TE	Terminal Equipment
UDH	User Data Header
vCalendar	Electronic appointment or schedule
vCard	Electronic business card
WAP	Wireless Application Protocol

### 3 Introduction

The ALCATEL ONE TOUCH™ 715 comes with data exchange capabilities which enable the user to exchange information between his handset and other devices and/or to use the handset as a data transmission device. These data exchange devices include:

- A serial link for wired connection to the PC.
- An IrDA wireless connection device (to be used either as a transmission device or as a modem).

This manual provides useful information on the capabilities of Alcatel's ONE TOUCH™ 715 and its specificity. This info includes a statement on support and compatibility with various environments, details on the serial link (supported signals, etc.)

Supported AT commands are listed in the last chapter, along with details on commands with an Alcatel-specific behavior.



## 4 Support and compatibility

The ONE TOUCH™ 715 data capabilities (IrDA transceiver and Data Serial Link) are compatible with the following working environments and hardware:

### 4.1 Environments

- WINDOWS 98, Millennium and XP.
- WINDOWS NT4 and 2000.
- LINUX.
- PALM OS versions 3 and 4.
- WIN CE enabled devices.
- PSION and SYMBIAN EPOC.
- MAC OS is NOT supported.

### 4.2 Hardware

- V24 Serial Link (Sub-D connector, 9 pins).
- PCs equipped with an OBEX-compatible emulator (on the Serial or the USB port).
- Toshiba, Compaq, Dell, Sony and Sharp laptops (with native IrDA transceivers).
- Other IrDA-enabled Alcatel handsets.
- Nokia, Siemens and Ericsson IrDA-enabled handsets.
- NO direct synchronization between Palm-like devices and ONE TOUCH™ 715.
- NO direct synchronization between WIN CE-enabled devices and ONE TOUCH™ 715.

### 4.3 Services

- IrDA serial data link emulation (IrCOMM).
- vCard & vCalendar exchange via IrDA (OBEX).
- WAP Provisioning (PC application).
- Integrated Fax capability (9.6 Kb Class 1), without PC card.
- GSM Data Modem (9.6 Kbps and 14.4 Kbps).
- GPRS Modem Class 10 (56 Kbps).
- Autobauding capability.
- AT commands (refer to the AT commands section for full information on support).
- IrMC (IrDA standard for PIM synchronization) is NOT supported.
- IrTranP (picture exchange protocol) is NOT supported.
- Bluetooth is NOT supported.

### 4.4 Applications

- GPRS IP address : Static & Dynamic.
- All PC browsing software (based on Windows RAS).
- BVRP *Mobile Phone Tools* (dedicated software which handles FAX, data modem, SMS, SIM directory management, GPRS configuration wizard and WAP provisioning for the ONE TOUCH™ 715).
- Compatible PIMs of the local synchronization application: MS Outlook Express /97/98/2000, Lotus Notes 4.5/4.6/5.0 and Lotus organizer 5.0/6.0 (via Mobile Phone Tools).

## 5 V24 Serial Link

Alcatel's ONE TOUCH™ 715 comes with a serial link which enables a wired connection between the handset and the user's personal computer. This serial link is composed of: a cable, a standard sub-D9 connector (9 pins), a printed circuit board and a BF5-specific connector.

### 5.1 PC serial link signals

This serial link connects the PC's V24 port to the ONE TOUCH™ 715 serial interface via a SDL (Serial Data Link) adapter. The serial interface is located in the back of the handset. The SDL adapter uses a number of signals listed in the tables below.

This table lists the V24 signals (sub-D connector, 9 pins) of the serial link used by SDL adapter:

Pin Number	Signal name	Description	Use
1	CD	Carrier Detect	not used
2	104 (RxD)	Received Data: adapter data signals transferred to the PC	<b>used</b>
3	103 (TxD)	Transmitted Data: PC data signals transferred to the adapter	<b>used</b>
4	108/2 (DTR)	Data Terminal Ready	<b>used</b>
5	102 (GND)	Ground	<b>used</b>
6	107 (DSR)	Data Set Ready	used
7	105 (RTS)	Request To Send	<b>used</b>
8	106 (CTS)	Clear To Send	<b>used</b>
9	RI	Ring Indicator	not used

### 5.2 Serial link support

The serial link delivered with the ONE TOUCH™ 715 DATA Pack supports:

- Autobauding up to 115,2 Kbits (speed, number of bits and parity detection).
- RTS CTS for hardware flow control.
- DTR for PC application detection (DTR must be OFF when inserting the cable).

## 6 IrDA as Serial Link

The device does NOT support the use of both the IrDA transceiver and the Serial Link at the same time. This involves the following consequences:

- IrDA can not be activated WHILE the serial link is inserted.
- IrDA is automatically deactivated WHEN the serial cable is inserted (except when it is in connected state, that is to say, when the object exchange protocol is running).
- The serial link is not taken into account AS LONG AS the IrDA transceiver is in connected state.

However, thanks to an IrCOMM serial link emulator, IrDA may be used as a serial link, enabling the reception of data calls (such as a fax) without a connection.

When there is an incoming data call, and if the serial link is not connected, IrDA is automatically activated (after temporization during which the user is invited to insert the serial link): IrDA therefore enables the call acceptance.

**Note:** the user may STILL insert the serial link, hence deactivating the IrDA.

**Example of Data call being received through IrDA (IrDA icon appears in status bar):**



## 7 Modem capabilities

The Integrated Data GSM terminal operates in DCE mode when it is connected to a PC (e.g., either with the serial link or through IrDA), and is then seen by the PC as a modem. The PC then is the DTE. When the terminal enters DCE mode, a data application is considered to be attached to the terminal. This application detaches when the terminal exits DCE mode.

The ONE TOUCH™ 715 supports autobauding when used as a modem. The provided BVRP Mobile Phone Tools software includes a wizard which will properly install the necessary ".INF" modem driver.

This .INF modem driver is provided by Alcatel, and contains all the information necessary to use the handset as a modem. *You will find this .INF at the end of this document.* It is only an example, provided for information purposes only. Please check the .INF file actually provided with the DATA Pack.

The best results will be obtained when using GPRS but this requires sending a number of AT commands to activate GPRS capabilities of the handset. GPRS enables faster output but there remain network limitations.

For more information on the use of the ONE TOUCH™ 715 as modem, please consult the documentation provided with the ONE TOUCH™ 715 DATA PACK (CD-ROM with the data drivers, BVRP applications and end-user documentation).

## 8 Resources sharing

### 8.1 Accessories interoperability

The ONE TOUCH™ 715 comes with a number of accessories which can be either:

- Classical accessories:
  - Headset
  - Car kit
  - SMS Keyboard
- Permanent accessories:
  - Serial Data Link
  - IrDA

Because they share the same resources (ports), accessories may or may not be used at the same time, according to the table below:

	IrDA	SMS keyboard	Serial Data Link
IrDA		No	Yes
SMS keyboard	No		Yes
Serial Data Link	Yes	Yes	

### 8.2 Access priority

#### 1. IrDA transmission has PRIORITY over a jack accessory.

When a jack accessory is connected to the terminal during an IrDA transmission, the accessory is detected (INSERT\_DETECT on PC[0]) but the IrDA transmission is not interrupted.

Because the port is used by the IrDA transmission, the Headset accessory is recognized by default.

#### 2. IrDA transmission has PRIORITY over the SMS keyboard.

If the SMS keyboard is connected to the terminal when an IrDA transmission is launched, then power is cut from the SMS keyboard and the port is dedicated to the IrDA transmission.



## 9 AT Commands

All wire modems support a signaling interface of the Hayes (AT) command type, including a subset common to most modems. For complete information about the AT commands, please refer to the standard documents referenced at the beginning of this document.

This chapter describes the behavior of the ONE TOUCH™ 715 terminal upon activation of data-related commands (SMS, Phonebook and Class 1 Fax, in particular).

### 9.1 *Command line structure*

AT is the prefix for all command lines. Commands can be separated by a space character or simply run together. There are basic commands (with no prefix, such as ATE, ATX, AT&D, etc.) and commands with parameters (setting=x).

To be compliant with the autobauding algorithm, a data application should always start the init sequence by first sending the command: **AT** (this command is sent as many times as necessary for the handset to respond). Once the speed and data format are set, AT adaptation will leave the autobauding mode.

In general, each command supports a read, write or request function for possible parameter settings. A command line which does not include the attention string (AT) is ignored when terminated by a carriage return.

A command line is processed from the first encountered attention string (AT) to the carriage return character. Therefore, the characters preceding the first attention string are ignored whatever they are.

Space characters are ignored and can be used freely for formatting purposes, unless they are embedded in a string constant.

DTR state changes can be ignored or, if DTR signal goes from ON to OFF:

- All data calls opened by the AT Command Manager, and only those calls, must be released.
- During two seconds, the AT commands are replied.
- If DTR signal stays OFF for more than 2 seconds, the GAT session is stopped and autobauding is reset.

The response format depends on the command' interpreter's mode (verbose or numeric). In verbose mode and in extended mode, the response to the action is sent to the PC and the acknowledged command with OK.

In numeric mode and extended mode, the response to the action is sent to the PC on the same line as the command, and is then acknowledged by the message return code: 0.

In non-extended mode, the response is located on the same line as the command. Neither OK nor a 0 return code is sent back to the PC.

## 9.2 Supported commands

The table below lists the AT commands supported by the ONE TOUCH™715. **For full information on these commands, please refer to the listed Recommendations.** However, some commands (marked with an asterisk\*) have a specific ONE TOUCH™715 behavior and are described in the next section.

COMMAND	DEFINITION
DCE GENERIC	Recommendation V.25ter
AT	Test
ATZ	Load user profile settings
AT+GMI	Request manufacturer identification
AT+GMM	Request model identification
AT+GMR	Request revision identification, date of ME
AT+GSN	Request product serial number identification
AT&F	Reset
AT+FCCLASS	Class of service identification
ATI	Read Terminal Characteristics
AT+WS46	Select wireless network
AT+CIMI	Request IMSI number
AT+GCAP	Request information on overall capabilities of terminal
DTE/DCE CONTROL	Recommendation V.25ter
ATS	Read/Initialize S register (escape character, XON, XOFF, etc.)
ATE	Command echo
ATQ	Result code suppression
ATV	Modem response format
ATX	Result code selection
AT&C *	Circuit 109 (DCD) behavior
AT&D	Circuit 108 (DTR) behavior
AT+IPR *	Fixed data rate
AT+ICF *	Character framing
AT+IFC *	DTE - DCE local flow control
AT+CMEE	Enable extended error codes
AT+CEER	Enable extended error report
AT+CRC	Enable extended result codes
CALL PROCESSING	Recommendation V.25ter
ATA	Answer (Incoming Call)
ATH	Hook control
ATD *	Dial including VOICE calls
ATO	Return to online Data state (after escape in signaling mode)
PC CARD COMPATIBLE	PC CARD user manual
AT&V	View current profile
AT&K *	Flow control management
AT&W	Save user profile

ATW	Select connection message format
AT+CIWF	Select/Read connection type (3.1 kHz, ISDN)
<b>GSM GENERAL</b>	<b>Recommendation 07.07</b>
AT+CGMI	Request manufacturer identification
AT+CGMM	Request model identification
AT+CGMR	Request revision identification, date of ME
AT+CGSN	Request product serial number identification
AT+CSCS	Select TE character set
<b>GSM CALL PROCESSING</b>	<b>Recommendation 07.07</b>
AT+CBST *	Select/Request GSM Bearer Service type
AT+CRLP *	Select RLP configuration
AT+CR	Service reporting control
AT+CRC	Cellular result codes
AT+CEER	Extended error report
<b>GSM NETWORK</b>	<b>Recommendation 07.07</b>
AT+CLCK	Facility lock
AT+CCFC	Call forwarding SS
AT+CCWA	Call Waiting SS
AT+CHLD	Call related supplementary services
AT+CLIP	Calling Line Identification Presentation
AT+CLIR	Calling Line Identification Restriction
AT+COLP	COnnected Line identification Presentation
AT+CAOC	Advice Of Charge
AT+CREG	Network Registration
AT+COPS	Operator Selection
AT+CLCC	List current calls
<b>TIA IS-101</b>	<b>Recommendation TIA IS-101</b>
AT+VTS	Enables transmission of DTMF tones and arbitrary tones
AT+VTD *	Sets the length of tones emitted as a result of AT+VTS
<b>GPRS</b>	<b>Recommendation 07.07</b>
ATA	Manual acceptance of network request for PDP context activation
ATH	Manual rejection of network request for PDP context activation
ATD*99#	Request GPRS service
ATS0	Automatic acceptance or rejection of PDP context activation
AT+CGDCONT	PDP Context Parameters specification
AT+CGQREQ	PDP Context Quality of Service Profile specification
AT+CGQMIN	PDP Context Minimum Acceptable Profile
AT+CGATT	GPRS Attachment Request (or Detachment)
AT+CGACT	PDP Context Activation (or Deactivation)
AT+CGDATA	Data State Activation
AT+CGADDR	Show a list of PDP Addresses
AT+CGCLASS	Specified GPRS Mobile Class Configuration
AT+CGSMS	Mobile Originated SMS Messages Configuration Service
<b>CONTROL AND STATUS</b>	<b>Recommendation 07.07</b>
AT+CPAS	Phone activity status
AT+CPIN	Enter PIN code (CHV)

AT+CBC	Battery charge
AT+CSQ	Signal quality
AT+CCLK	Clock
AT+CALA	Set an alarm
AT+CLAN	ME Language selection
AT+CPROT	Enter protocol mode
AT+PROV_WAP *	WAP Provisioning protocol version checkout
<b>PHONEBOOK</b>	<b>Recommendation 07.07</b>
AT+CPBS	Select phonebook memory storage
AT+CPBR	Read phonebook entries (between two indexes)
AT+CPBW	Write phonebook entry
<b>CLASS 1 FAX</b>	<b>Recommendation TIA/EIA-578-B</b>
AT+FPR *	Serial Link speed selection
AT+FTS *	Stop transmission and wait
AT+FRS *	Receive silence
AT+FTM *	Facsimile transmit
AT+FRM *	Facsimile receipt
AT+FTH *	HDLC transmit
AT+FRH *	HDLC receipt
<b>PDU SMS MODE</b>	<b>Recommendation 07.05</b>
AT+CSMS	Select message service (SMS version)
AT+CPMS	Select preferred SMS storage
AT+CMGF	SMS message type (format) between TE and ME
AT+CSCA	Select SMS Service Center address
AT+CSAS	Save variables set by +CSCA
AT+CRES	Restore settings saved by +CSAS
AT+CSAS	Save SMS configuration in profile
AT+CRES	Restore profile
AT+CNMI	Configuration command for message receipt by TE
AT+CNMA	New message acknowledgement by TE
AT+CMGL	List SMS messages stored in specified memory
AT+CMGR	Read SMS message based on specified memory index
AT+CMGS	Send SMS message to network
AT+CMGD	Delete stored message
AT+CMGW	Write message to specified memory
AT+CMGC	Send SMS command to network
AT+CNMA	Acknowledgement of SMS PP message sent to TE
AT+CMSS	Send SMS message from specified memory



### 9.3 AT Commands ONE TOUCH™715-specific behavior

The following commands have ONE TOUCH™715-specific behaviors, which need to be detailed. For all other commands and for further information on AT commands, please refer to the recommendations listed in the previous section.

#### 9.3.1 AT&C

The ONE TOUCH™715 does **not** provide **CT109** (DCD) signal on the serial link interface.

#### 9.3.2 AT+IPR

The response to the command test request +IPR is:

+IPR: (0, 2400, 4800, 9600, 19200, 38400), (1200, 57600, 115200)

The **default** setting is 0 (meaning automatic rate detection).

#### 9.3.3 AT+ICF

In ONE TOUCH™715, the **default** settings are +ICF: 0, 1 (**autodetect** and **even** parity).

#### 9.3.4 AT+IFC

The ONE TOUCH™715 provides CT105 (RTS) and CT106 (CTS) signals on the serial link interface and then will support only 0,0 and 2,2 settings.

#### 9.3.5 ATD

In order to initiate a VOICE call, the user application will terminate the dialing character string with the ';' modifier. Once the call is initiated, TA returns in command state immediately (or after possible +COLP result code).

#### 9.3.6 AT&K

The ONE TOUCH™715 provides CT105 (RTS) and CT106 (CTS) signals on the serial link interface.

#### 9.3.7 AT+CBST

In case this command is received after an AT+FCLASS=1 command, it will update the FCLASS parameter to 0 and a data call will be set up upon receipt of an ATD command.

#### 9.3.8 AT+CRLP

In ONE TOUCH™715, DATA objects support T4 parameter.

#### 9.3.9 AT+VTD

"Zero" value sets a "manufacturer specific" value. This value corresponds to a duration of 100ms.

### 9.3.10 AT+PROV\_WAP

This ONE TOUCH™715 proprietary command checks the version of the WAP provisioning protocol. It may read, delete, modify or create a Profile Object.

### 9.3.11 AT+FPR

This command is used to select the serial link speed

**Command syntax:** AT+FPR=<setting>

**Note:** It will execute the command AT+IPR=<setting> Default setting is 0. AT+FPR? and FPR=? are supported.

**Formats:**

Setting	Speed
0	Autobauding (default)
1	Serial link speed 2400
2	Serial link speed 4800
4	Serial link speed 9600
8	Serial link speed 19200

**Response:**

OK is returned for settings 0, 1, 2, 4 and 8. ERROR is returned for other settings.

### 9.3.12 AT+FTS

The unit of time is 10 ms

### 9.3.13 AT+FRS

The unit of time is 10 ms.

### 9.3.14 AT+FTM

The ONE TOUCH™715 will return:

+FTM : 96

### 9.3.15 AT+FRM

The ONE TOUCH™715 will return:

+FTM : 96

### 9.3.16 AT+FTH

The modulation rate has only one possible setting - 3 - specifying V.21 modulation at 300 bits/sec

### 9.3.17 AT+FRH

The modulation rate has only one possible setting - 3 - specifying V.21 modulation at 300 bits/sec

## 9.4 Unsupported AT commands

### 9.4.1 Recognized commands

The commands listed below are **NOT** supported by the ONE TOUCH™715 **BUT** they are RECOGNIZED by the terminal. That means that they generate error messages for the PC (ERROR) when receiving read, write or request actions related to them.

- AT&D1 (DTR behavior).
- AT&S (DTR behavior).
- AT&Y (management of parameters upon terminal power-up).
- MNP protocols: AT\A, AT\N, AT\G, AT\B, AT\L, AT\K.

### 9.4.2 Unknown commands

The commands listed below are **NOT** supported by the ONE TOUCH™715. They are **NOT** recognized at all and will therefore not generate error messages.

A/	: repeat last command	AT+COPN	: Read operator names
AT+CSTA	: select Type of address	AT+Calm	: Alert sound mode
AT+CMOD	: call mode	AT+CRSL	: Ringer sound level
AT+CHUP	: HangUp call	AT+CVIB	: Vibrator mode
AT+CHST	: HSCSD command	AT+CLVL	: Loudspeaker volume level
AT+CHSN	: HSCSD command	AT+CMUT	: Mute control
AT+CHSC	: HSCSD command	AT+CACM	: Accumulated call meter
AT+CSNS	: single numbering scheme	AT+Camm	: Accumulated call meter maximum
AT+CNUM	: subscriber number	AT+CPUC	: Price per unit and currency table
AT+CPWD	: change password	AT+CCWE	: Call Meter maximum event
AT+CCUG	: closed user group	AT+CPWC	: Power class
AT+CUSD	: unstructured supplementary service data	AT+CLAE	: Language Event
AT+CFUN	: set phone functionality	AT+CSGT	: Set Greeting Text
AT+CMEC	: mobile equipment control mode	AT+CSVM	: Set Voice Mail Number
AT+CKPD	: keypad control	AT+CRMP	: Ring Melody Playback
AT+CDIS	: display control	AT+CMAR	: Master Reset
AT+CMER	: mobile equipment event reporting	AT+CLAC	: List all available AT commands
AT+CPBF	: find phonebook entries	AT+VBT	: buffer threshold setting
AT+CRSM	: restricted SIM access	AT+VCID	: calling number ID presentation
AT+CMSS	: send message from storage	AT+VGR	: receive gain selection
AT+CESP	: enter SMS Block Mode Protocol	AT+VGT	: transmit gain selection
AT+SCCC	: secure control command	AT+VIP	: initialize voice parameters
AT+CSSN	: supplementary service notifications	AT+VIT	: inactivity timer
AT+CIND	: indicator control	AT+VLS	: line selection
AT+CSIM	: generic SIM access	AT+VRX	: receive data state
AT+ILRR	: DTE-DCE Local Rate Reporting	AT+VTX	: tone duration
AT+CLCC	: list current calls	AT+VTX	: transmit data state
AT+CVHU	: Voice hang-up control	AT+VSM	: select compression method
AT+CPOL	: Preferred operator list	AT+CGAUTO	:auto-response for PDP activation
		AT+CGANS	:man. response for PDP activation



## 10 .INF Modem Driver

The .INF file below is provided with the ONE TOUCH™ 715 DATA PACK. The installation of this modem driver is user-friendly: a BVRP wizard takes care of the process. For additional information on Modem installation and configuration, please refer to the documentation provided with BVRP's *Mobile Phone Tools for Alcatel ONE TOUCH™ 715*.

```
; Windows Modem Setup File
; Copyright (c) 1993-1996 Microsoft Corporation \\MS-IRL\\
; Manufacturer:   ALCATEL

[Version]
Signature="$Chicago$"
Class=Modem
Provider=%Mfg%
DriverVer=26/03/2002,v1.0
[Manufacturer]
%Mfg% = Models

; Modem models

[Models]
%Modem1% = Modem1, ALCATEL_Modem1

; Installation sections

[Modem1]
AddReg=All, MfgAddReg, External, GSM

; AddReg sections

; Strings

[Strings]
ClassName = "Modem"
Mfg = "ALCATEL"

; Model strings

Modem1 ="One Touch 715"
;

[All]
HKR,,FriendlyDriver,,Unimodem.vxd
HKR,,DevLoader,,*VCOMM
HKR,,ConfigDialog,,modemui.dll
HKR,,PortSubClass,1,02
HKR,,EnumPropPages,, "modemui.dll,EnumPropPages"
HKR,, Reset,, "AT<cr>"
HKR, Responses, "<cr><lf>OK<cr><lf>", 1, 00, 00, 00,00,00,00, 00,00,00,00
HKR, Responses, "<cr><lf>ERROR<cr><lf>", 1, 03, 00, 00,00,00,00, 00,00,00,00
HKR,, Properties, 1, 00,01,00,00, ff,00,00,00, ff,00,00,00, 00,00,00,00,
01,00,00,00, 98,03,00,00, 00,C2,01,00, 00,C2,01,00
HKR,, Default, 1, 3C,00,00,00, 00,00,00,00, 00,00,00,00, 01,00,00,00,
00,01,00,00

[EXTERNAL]
HKR,, DeviceType, 1, 01

[MfgAddReg]
```

```

HKR, Init, 1,, "AT<cr>"
HKR, Init, 2,, "ATV1 E0 &D2 &C0 &K3 S0=0<cr>"
HKR,, InactivityScale, 1, 01,00,00,00
HKR, Monitor, 1,, "ATS0=0<cr>"
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HKR, Settings, DialSuffix,, ""
HKR, Settings, Pulse,, "P"
HKR, Settings, Tone,, "T"
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HKR, Settings, FlowControl_Hard,, "&K3"
HKR, Settings, CallSetupFailTimer,, "S7=<#>"

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HKR, Responses, "2<cr>", 1, 08, 00, 00,00,00,00, 00,00,00,00 ; RING
HKR, Responses, "3<cr>", 1, 04, 00, 00,00,00,00, 00,00,00,00 ; NO CARRIER
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HKR, Responses, "6<cr>", 1, 05, 00, 00,00,00,00, 00,00,00,00 ; NO DIALTONE
HKR, Responses, "7<cr>", 1, 06, 00, 00,00,00,00, 00,00,00,00 ; BUSY
HKR, Responses, "8<cr>", 1, 07, 00, 00,00,00,00, 00,00,00,00 ; NO ANSWER
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[GSM]



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