

AUTOSETUP



At the end of the user programming procedure, the device EL35.005 starts an autoseup procedure in order to properly set the GSM engine.

During the autoseup procedure the AT commands list sent to the engine is (in chronological order):

- AT
- AT&F
- AT
- AT&S1
- AT+CMGF=1
- AT+CPBS="SM"
- AT+CNMI=2,1,0,0,1
- AT+IPR=9600
- ATS0=0
- AT+IFC=0,0
- AT&W

where:

- AT is the attention command;
- AT&F sets all the current parameters to the manufacturer (of GSM engine) defined profile;
- AT&S1 determines how the GSM engine sets the DSR line;
- AT+CMGF=1 selects sms message format;
- AT+CPBS="SM" selects current phonebook memory storage;
- AT+CNMI=2,1,0,0,1 selects the procedure how the receipt of new sms message from the network is indicated;
- AT+IPR=9600 specifies the DTE-DCE bit rate;
- ATS0=0 specifies whether or not the GSM engine will accept an incoming call without user intervention;
- AT+IFC=0,0 determines the data flow control on the serial interface for data mode;
- AT&W stores current configuration.

Someone of the parameters listed can be modified:

- It's possible to set ATS0 at a value greater than or equal to 2 (e.g. ATS0=2). For example ATS=1 is not allowed.
- It's possible to modify the bit rate of the serial interface. AT+IPR=0 (autobauding) is the only modification permitted.

ATTENTION PLEASE: only competent and qualified operators are authorized to send AT commands to the EL35.005.