



# COMMUNICATION MODULE GSM-4

SITE NAME.....

USER.....

TELEPHONE NUMBER.....

PIN.....PUK .....

ADDRESS.....

NOTES .....

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## SERVICE MODE FUNCTIONS

The functions are placed in the order corresponding to that of the service mode menu.

The way of calling the service mode, as well as entering and/or changing the data in service functions, is described in the user manual for GSM-4 communication module.

Total deletion of the control code or a telephone number is effected in much the same way as restoration of the contents of SMS standard message by simultaneously depressing and holding down the CHANGE and NEXT keys.

The values set by default or after activation of the „Delete all” function are shown with a small font at the right lower corner of the data recording field. The options set (selected) by default, distinguished with the  mark on the display, are indicated in the table with small „x” characters. The contents of standard SMS messages is placed next to the field intended for entering own contents of a message to be sent.









**MESSAGING OPTIONS:**

<b>No spaces</b>	<input checked="" type="checkbox"/> <i>x</i>
<b>Mess. priority</b>	<input type="checkbox"/>
<b>Mess. sounds</b>	<input type="checkbox"/>

select/deselect chosen

*x* - default setting

**SMS CONTROL:**

- SMS bypass In. 1
- SMS bypass In. 2
- SMS bypass In. 3
- SMS bypass In. 4
- SMS bypass all
- SMS unbypass In. 1
- SMS unbypass In. 2
- SMS unbypass In. 3
- SMS unbypass In. 4
- SMS unbypass all
- SMS bist. OUT 1
- SMS bist. OUT 2
- SMS bist. OUT 3
- SMS mono. OUT 1
- SMS mono. OUT 2
- SMS mono. OUT 3
- SMS off all outputs (123)
- SMS on all outputs (123)
- SMS check inputs and outputs
- SMS modem format
- SMS „service”
- SMS „user”





	Output 1	Output 2	Output 3	program:
<b>CLIP1 controlling → Outputs</b>				<u>b</u>   <u>m</u>
<b>CLIP2 controlling → Outputs</b>				<u>b</u>   <u>m</u>
<b>CLIP3 controlling → Outputs</b>				<u>b</u>   <u>m</u>
<b>CLIP4 controlling → Outputs</b>				<u>b</u>   <u>m</u>

program:      b – bistable switch of output;  
                   m – monostable switch of output;  
                   bm – bistable switch delayed by the time programmed with the „*Time mono.Out.n*”;  
                           (n=1,2,3 is the output number);  
                   [none] – the given output not controlled by input

### INPUTS / OUTPUTS:

	Input 1	Input 2	Input 3	Input 4	program:
<b>Input type</b>	2	2	2	2	1 – NC; 2 – NO
<b>Input sensitivity</b>	200	200	200	200	20 – 1275 ms
<b>Input restore</b>	long	long	long	long	long (4min); short (4sec)
<b>Input bypassed after 1 violat.</b>	x	x	x	x	select / deselect <b>Y</b>
<b>Input bypassed after 3 violat.</b>	x	x	x	x	select / deselect <b>Y</b>
<b>Bypassing input</b>					[none] – select one input

	Output 1	Output 2	Output 3	program:
<b>Time of monostable switch</b>	0   5	0   5	0   5	from 01 to 99 sec
<b>Input 1 controlling → Outputs</b>				<u>b</u>   <u>m</u>
<b>Input 2 controlling → Outputs</b>				<u>b</u>   <u>m</u>
<b>Input 3 controlling → Outputs</b>				<u>b</u>   <u>m</u>
<b>Input 4 controlling → Outputs</b>				<u>b</u>   <u>m</u>

program:      b – bistable switch of output;  
                   m – monostable switch of output;  
                   bm – bistable switch delayed by the time programmed with the „*Time mono.Out.n*”;  
                           (n=1,2,3 is the output number);  
                   [none] – the given output not controlled by input

**GM-47 OPTIONS:**

**SIM needs PIN**  select / deselect **Y**

**PIN code** |\_\_|\_\_|\_\_|\_\_|

**PAGER tel. number** |\_\_|\_\_|\_\_|\_\_|

**CA-64 tel. number** |\_\_|\_\_|\_\_|\_\_|

**SMS center number** |\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|

**SMS acknowl. No** |\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|

**Prefix for SMS** |\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|

**LCD backlight** (available for the modules with backlit display)

no	<input checked="" type="checkbox"/>
auto	<input type="checkbox"/>
permanent	<input type="checkbox"/>

**Fax/modem**  select/deselect **Y**

**Modem format**

Format code	Modem format	Select
00	auto	<input checked="" type="checkbox"/>
83	56000 V110 ISDN	<input type="checkbox"/>
82	48000 V110 ISDN	<input type="checkbox"/>
81	38400 V110 ISDN	<input type="checkbox"/>
80	28800 V110 ISDN	<input type="checkbox"/>
79	19200 V110 ISDN	<input type="checkbox"/>
75	14400 V110 ISDN	<input type="checkbox"/>
71	9600 V110 ISDN	<input type="checkbox"/>
70	4800 V110 ISDN	<input type="checkbox"/>
68	2400 V110 ISDN	<input type="checkbox"/>
16	28800 V34	<input type="checkbox"/>
15	19200 V34	<input type="checkbox"/>
14	14400 V34	<input type="checkbox"/>
12	9600 V34	<input type="checkbox"/>
07	9600 V32	<input type="checkbox"/>
06	4800 V32	<input type="checkbox"/>
04	2400 V22bis	<input type="checkbox"/>

**DWNL code** |\_\_|\_\_|\_\_|\_\_|\_\_|

**RS baud rate**

4800 bps	
9600 bps	
19200 bps	<i>x</i>

**Erase settings**

## HISTORY OF THE MANUAL UPDATES

The changes described refer to the manual drawn up for the GSM-4 module with firmware v4.04.

DATE	PROGRAM VERSION	DESCRIPTION OF CHANGES
November 2003	4.01 4.02	<ul style="list-style-type: none"><li>• New option that concerns the possibility of using the module as a fax and a modem has been added (p. 9).</li></ul>
March 2004	4.03	<ul style="list-style-type: none"><li>• Test message function has been added (p. 5)</li><li>• CLIP type messaging has been added (p. 5)</li></ul>
September 2004	4.04	<ul style="list-style-type: none"><li>• Function that concerns the possibility of controlling outputs by means of CLIP has been added (p. 7).</li><li>• New RS232 port speed – 19200 bps - has been added (p. 10).</li></ul>

SATEL sp. z o.o.  
ul. Schuberta 79  
80-172 Gdańsk  
POLAND  
tel. + 48 58 320 94 00  
[info@satel.pl](mailto:info@satel.pl)  
[www.satel.pl](http://www.satel.pl)