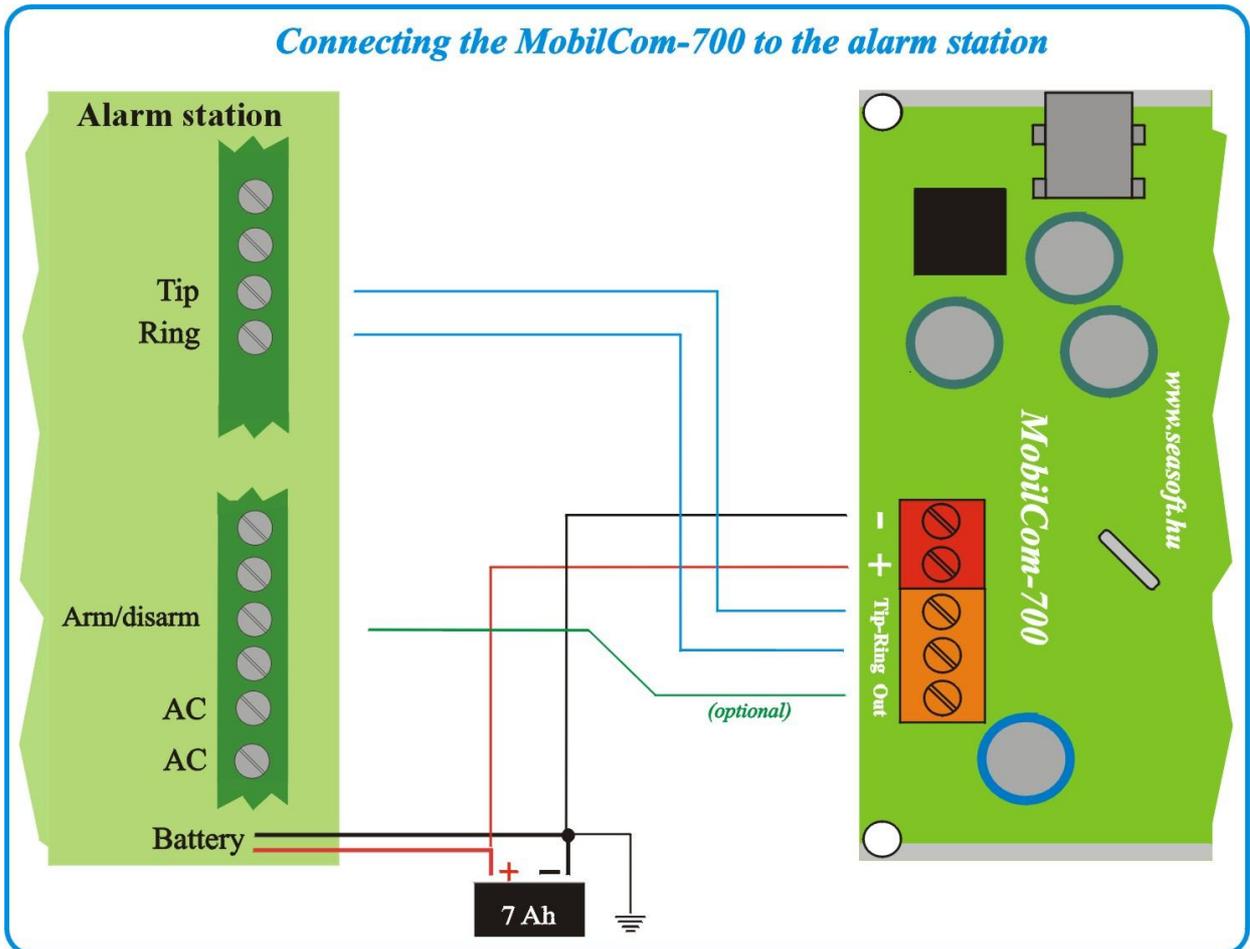
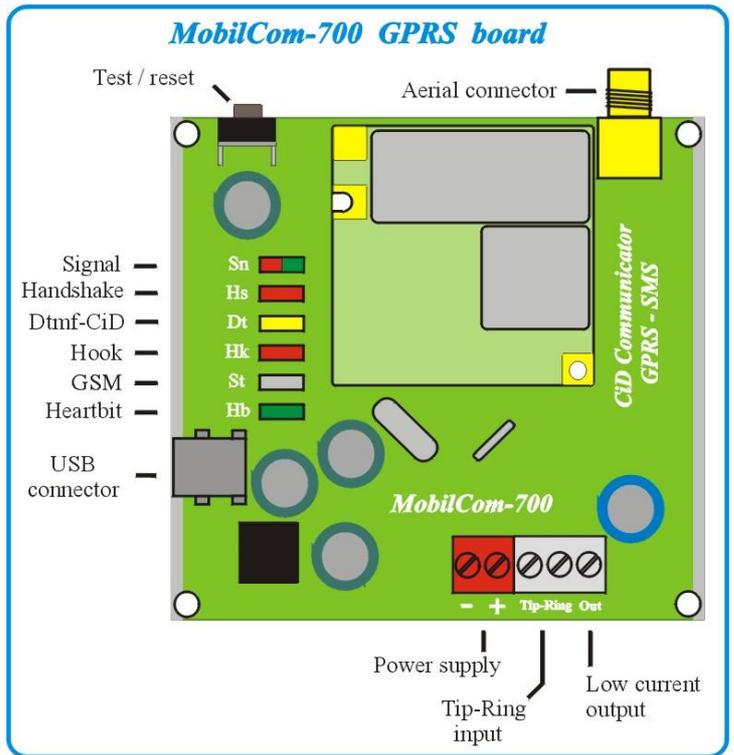


# 1. MobilCom-700 hardware help



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**File Load:** The software has a file autoload function, but in case it is advised to load the **Default.cfg** file after starting the software, which helps as a tutorial for the correct configuration. Here you can load the different saved configurations, so you can find quickly the older client's configurations.

**File Save:** Here you can save the edited configurations of clients. It is highly recommended every time to do this for the later supervisions, because it could be very useful. If you save an edited configuration please always find a new name for it. Be more careful and never rename or write over the **Default.cfg** file.

**Settings Port:** First install the module drivers in order to make them recognizable automatically by **Win-XP** or higher operating system. After this step it has to identify which serial port is connected to the device. It's possible the use the autodetect function (between **Com1 ...Com31**) or it can be found manually. Clicking to **SET Port** the software will recognize and find automatically the requested **Com** port.

You can also manually choose the serial port. To do it this way in Windows:

**Control Panel > System > Hardware > Devices and Printers > Ports (Com)**  
Here it can be found the device now, indicating that to which serial port it's connected connected between the **Com1...Com99** range. Then by starting the software, it is necessary to configure this Com value as a hardware setting.

**Device Read:** Here you can read-up (or upload) from the device the latest downloaded and valid configuration up to you computer.

**Device Download:** Here from your computer you can download (or fill-in) the latest edited and valid configuration into the **MobilCom-700 GPRS** board. If to configuration is valid, you can DownLoad it. If your configuration is faulty, the software gives you an error message.

**Device Reset:** This is a repairing function. Anyway if into the **MobilCom-700 GPRS** was downloaded a configuration edited and downloaded with one of an older software version (and the module won't working) using this command you can reset and download the factory settings into the device.

**General Device ID:** Here you can a **Device ID** for the **MobilCom-700** device. Using the Contact-ID message format in the monitoring system this 4 character long ID should identify the module's message. So every device has to be a different ID number.

**General Test time:** Here you can add 1-99 as a **Test code time**, which gives (in minutes) that between what intervals must the panel send test code. A very low value of time of Automatic test code generates larger data transfer rate, which may lead to unwanted communication expenses.

**General** **Base IP restore time** sets (in minutes) the time when the modul swaps back from **Base IP restr.** to **2<sup>nd</sup> IP** address to the **1<sup>st</sup> IP** address.

**General** The SMS restore locks the board for a time (in minutes) to limit the number of **Sms restore:** sent SMS.

**General** The Handshake option is destined to tune the handsake signal, if it's necessary. **Handshake:** *It is recommended to left it in Default mode !*

**Inputs** Here can be configured the **CiD** value of **automatic test code** along with the **Auto test code** event. The Cid code of the automatic testcode must be the same as the applied code table of the monitoring center. The automatic testcode is only event-like, it does not have restore status.

**Inputs** The **start/restart code** field is also only event-like, also so it does not have **Start test code** restore status. The panel sends this code automatically if it is powered up in the **Restart code** first time, or it is powered up after a power outage. You always have to follow the codes received from the monitoring center.

**Inputs** In the **Manual Testcode** field you can find the CiD's belonging to the two events: **Man. test code** the event code and the restore code. These codes are generated automatically, in accord with the configured user ID, group number and zone number codes in case of input changes.

**Outputs** You can designate the SMS commands that switches the GPRS **transmitter** **Auto test code** **outputs**. You can assign two (max. 15 chars. long) **command** for the output, which is carried out by an open collector output if send them. (on/off) The commands must be maximum 15 characters long and use use characters without accent due to the different character coding of mobile phones.

**Outputs** Here you can configure the swith on time of the output no. 1. Its value can be **trigering time** between **0..99 secs** in both modes. One of its modes will be bistable when the configured value is 0 sec. The output switches on for the SMS switch on command or for an initiated call, and it stays switched on until it receives a new command. If you configure the values between 1..99 secs, the relay turns to astable mode, which means that it switches on for SMS command or calling it and it stays switched on until the configured time elapses.

**Outputs** You can configure how many rings are needed for the relay to open the circuit in **Ringig num.** bistable mode, and how many rings are needed for the relay to close the circuit also in bistable mode. The different **ringing numbers** helps you check whether the output is switched on or off.

**GPRS options** Here you have to enter the **APN** correctly given by your provider into the first **APN** field, which must be different in every provider.

- GPRS options IP address** Here you have to enter the fix IP address of the server of monitoring center into the IP address field, and apply the usual **4x3** character decimal format. In the next field (Port) you have to add the Port which receives data configured by the system administrator of monitoring center. The *MobilCom-700* tries to communicate with the second server too if it failed to communicate with the first server, so it is important to configure that either. If there is only one server, enter the first IP-address to both fields. Then the *MobilCom-700* GPRS dialer module tries to communicate with the first server twice, when the first attempt failed.
- SMS options SMS number** Here you can add 3 phone numbers initiated with + sign and the country code. The GPRS module will send an SMS message containing the CiD-report to the first number. These phone numbers are the ones that can operate the module's low voltage and low current output remotely by dialing it.
- SMS options disallowance** You can configure the parameter that limits the maximum number of SMS sent by the device in order to avoid high SMS expenses, when, for example, GPRS service is limited or absent for a longer time.
- SMS options Max. number** This setting means that the service stops for a while when the device reached this number. The number of SMS Disable Time configures that for how many minutes shall be the SMS sending disabled. The secondary (SMS-based) transmission works only for the first number, the other numbers are for the remote controlling of outputs, if it has.