



The Maestro 100 and Maestro 100 Lite modems is a series of GSM modems designed to meet market demands for a robust and reliable communications at a reasonable price. Maestro 100 and 100 Lite supports voice, SMS, fax and data via GSM or GPRS. The modem is sealed in a rugged aluminum enclosure and has very good performance and high reliability.



.: Two models for both GSM and GPRS

The Maestro 100 and Maestro 100 Lite modems are using RS232 interface for data so that it can quickly be implemented in most industrial applications. Maestro is configured, like most modems with AT commands. There is two models in the 100 series; Maestro 100 and Maestro 100 Lite. Maestro 100 and Maestro 100 Lite handles data via GPRS or GSM data, where the Maestro 100 has expanded GPRS features and enhanced support for TCP/IP.



.: Value Added Feature

A free software called Value Added Feature can be installed in the modems. The software includes features call screening (insert a list of allowed numbers), remote configuration via SMS and autogprs (described below). Note that functions differ between the models.



.: Easy to use with AutoGPRS

Autogprs is a function that takes the GPRS connection to a new level - far from the customization of each system. Instead, all arrangements for connections is added via GPRS to the modem. This feature makes GPRS easy to use, without any special configurations of the software.



Autogprs allows the connected device to automatically connect itself again, for instance if a power failure or temporary disruption in the GSM network occurs. Autogprs is a component of the free VAF package and will only work with the Maestro 100 modem. Enter the correct parameters before installation and the modem will then manage the connection automatically.



.: Fixed IP addresses

One of the most common questions we get is if you can get a fixed IP address in the GPRS modem. With Autogprs Maestro 100/100 Lite becomes a constantly connected node on the Internet - also with a fixed IP address, provided that your operator supports fixed IP addresses.





...: Maestro 100 Series

:: GSM	quadband
:: GPRS	class 10
:: voice/data/fax/sms	yes
:: TCP/IP (100)	full (ftp/e-mail added)
:: TCP/IP (100 lite)	basic (TCP/UDP)
:: digital in/output	1
:: autorestore	yes
:: fax	class 1 and class 2
:: text/pdu sms	yes
:: point-to-point sms	yes
:: casing	metal/plastic
:: mounting	din rail
:: dimensions (mm)	88x60x26 / 90x72x23
:: weight (g)	100 / 70
:: rs232	15 pin Sub-D
:: power supply	4 pin DC
:: antennaconnector	SMA
:: operating temp.	-20/+50°C -25/+70°C
:: input voltage	5 to 32V DC
:: power consumption	
310mA at 5V	GSM 850/900 (PCL 5)
240mA at 5V	DCS 1800/PCS 1900 (PCL 0)
520mA at 5V	GPRS 850/900 CL10 (PCL 5)
390mA at 5V	GPRS 1800/ 1900 CL10 (PCL 0)
:: certifications	CE/GCF/ROHS

.: Maestro Wireless Package

Maestro Wireless Package is a software for the Maestro modems. Among many useful features, the software can display the current field strength which facilitates choice of antenna and antenna placements in demanding applications. In addition, Maestro Wireless Package can be used to configure various parameters of the modems. The most common functions can be activated by simply checking boxes on the screen.

Are you using a special cable? Then our software supports voice calls via the GSM modem. Maestro Wireless Package has an easy user interface when sending faxes and SMS messages via the modems. In addition, the software can be used to make changes in your address book - such as names and phone numbers.

.: Monitoring and remote control

The modems has an input for the transmission of a signal. The port is used among many for monitoring and alarm transfer. Furthermore, there is a possibility to remotely control one output on the modem.

You can, by sending a text message, get the modem to respond with a value of the field strength at the current site. You can also send AT commands via SMS to make the modem perform certain actions.

.: Possibilities

Maestro is used primarily for data communication between different types of machines, such as transfer of information from a vehicle, operation monitoring, GPS systems, communication with display and advertising boards and alarm system. The modems are used by sole proprietorships to large multinational companies.

